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M State of New Mexico
Oil Conservation Division

Page 6

	1 180 1 0
Incident ID	nAPP2204058257
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following	items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29. Final C141	
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and replacement human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially anditions that existed prior to the release or their final land use in
Printed Name: Dale Woodall	Title: Environmental Professional
Signature: Dala Woodall	Date: 6/8/2023
email: dale.woodall@dvn.com	Telephone: 575.748.1838
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by: Hall Printed Name: Brittany Hall	Date: 07/03/2023
Printed Name: Brittany Hall	Title: Environmental Specialist



Closure Report and Deferment Request (Supplemental)

Bellatrix 28 Fed #001H Eddy County, New Mexico API# 30-015-40331 Incident #s nAPP2127857190 and nAPP2204058257

Prepared For:

Devon Energy Production Company 6488 Seven Rivers Highway Artesia, New Mexico 88210

Prepared By:

Talon/LPE 408 W. Texas Avenue Artesia, New Mexico 88210

June 9, 2023

Mr. Mike Bratcher **NMOCD District 2** 506 W. Texas Avenue Artesia, NM 88210

Subject: Closure Report and Deferment Request (Supplemental)

Bellatrix 28 Fed #001H Eddy County, New Mexico API# 30-015-40331

Incident #s nAPP2127857190 and nAPP2204058257

Dear Mr. Bratcher,

Devon Energy Production Company (Devon) contracted Talon/LPE (Talon) to complete remediation and closure activities at the above referenced location. The results of the remediation and final data for closure are provided herein.

Site Information

The Bellatrix 28 Fed #001H is located approximately 26 miles northeast of Carlsbad, New Mexico. The legal location for this release is Unit Letter A, Section 29, Township 19 South and Range 31 East in Eddy County, New Mexico. The latitude and longitude for the site is 32.6361313 and -103.8854218. Site maps are presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soils in the area are made up of Kermit-Berino fine sands complex with 0 to 3 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology consists of eolian and piedmont deposits, Holocene to middle Pleistocene in age. Drainage courses in this area are typically well drained.

Groundwater and Site Characterization

Based on New Mexico Office of the State Engineer Database, the nearest reported groundwater depth is 140 feet below ground surface (bgs) but is located greater than 0.5 miles from the subject site. The FEMA Flood Map Service Center does not locate the site in a 100-year flood plain. Further research of the Bureau of Land Management Karst data indicates that the site is located in a non-karst area. See Appendix II for the site characterization data.

If a release occurs within the following areas, the responsible party must treat the release as if it occurred in an area where the groundwater is less than 50 feet

bgs in Table I, New Mexico Oil Conservation Division (NMOCD) Rule 19.15.29 NMAC.

Approx	kimate Depth to	Groundwater 140 feet/bgs
□Yes	⊠No	Within 300 feet of any continuously flowing watercourse or any other significant watercourse
□Yes	⊠No	Within 200 feet of any lakebed, sinkhole or a playa lake
□Yes	⊠No	Within 300 feet from an occupied permanent residence, school, hospital, institution or church
□Yes	⊠No	Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes
□Yes	⊠No	Within 1000 feet of any freshwater well or spring
□Yes	⊠No	Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978
□Yes	⊠No	Within 300 feet of a wetland
□Yes	⊠No	Within the area overlying a subsurface mine
□Yes	⊠No	Within an unstable area
□Yes	⊠No	Within a 100-year floodplain

Because the releases occurred in a production area (well pad) but the depth to groundwater could not be confirmed within a 0.5 mile radius, the clean-up criteria for this site is as follows.

	Tab	ole I	
	Closure Criteria for Soils	Impacted by a Release	
Depth below horizontal extents of release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit
≤ 50 feet	Total Chlorides	EPA 300.0 or SM4500 CI B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Incident Description

On January 2, 2016 approximately 1.5 barrels (bbls) of crude oil were discharged onto the well pad and to the adjacent pasture when a pressure valve was plugged with ice. None of the oil was recovered. The release was reported to the NMOCD and was assigned incident number **nAB1600826804**. This incident was remediated by another environmental consultant, but NMOCD was awaiting final confirmation results after bioremediation efforts were made in the pasture area for final closure. This incident was reviewed and closure approved by NMOCD on October 26, 2022.

On June 8, 2019 approximately 26 bbls of produced water were released onto the pad when the main water dump line from the four (4) horizontal separators leaked. A vacuum truck was dispatched and 25 bbls of produced water were recovered from the pad. The release was reported to the NMOCD and was assigned incident number **nAB1917158019**. This incident was reviewed and closure approved by NMOCD on October 26, 2022.

On September 21, 2021, a leak at the wellhead resulted in approximately five (5) bbls of crude oil and 4.77 bbls of produced water to be released to the well pad. A vaccum truck was dispatched and four (4) bbls of crude oil and four (4) bbls of produced water were recovered. The release was reported to NMOCD and was assigned the incident number **nAPP2127857190**.

On February 9, 2022 approximately 240 bbls of produced water were released into the secondary containment due to a tank that overflowed. A vacuum truck was dispatched and 240 bbls of produced water were recovered from the containment. The release was reported to the NMOCD and was assigned incident number **nAPP2204058257**.

Site maps of the releases are presented in Appendix I. Initial C-141 spill notifications were filed with the NMOCD and are attached in Appendix III.

Site Assessment Activities

On January 28, 2022, soil samples were collected from the site for incident numbers nAB1600826804 and nAB1917158019. On February 9, 2022, Talon personnel collected 18 samples from six (6) boring locations and four (4) background samples to determine the vertical and horizontal extents of the well head release with incident number nAPP2127857190. Talon personnel returned on February 14, 2022, to inspect the secondary containment liner and collected two surface samples from the east and west sides of the containment for laboratory analysis and field screened samples from the north and south sides. These samples are associated with incident number nAPP2204058257.

All soil samples were placed in laboratory provided glassware and maintained on ice in the custody of Talon Personnel. The samples were transported with the chain of custody to Cardinal Laboratories, for analysis of Total Chlorides

(SM4500CI-B), Total Petroleum Hydrocarbons (TPH, EPA Method 8015M) and Volatile Organics (BTEX, EPA Method 8021B).

Results from the assessment sampling events are presented in the following data tables and the complete laboratory reports can be found in Appendix V. Sample locations are shown on the attached Figure 1 in Appendix I.

Table 1a
Site Assessment Analytical Data
Incident #s nAB1600826804 and nAB1917158019

Sample ID	Sample Date	Depth (BGS)	BTEX Benzene mg/kg mg/kg		GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Clorides mg/kg
	CD Table 1 Clo ia 19.15.29 N		50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-2	1/28/2022	0-0.5'	ND	ND	ND	ND	ND	-	256
	1/28/2022	0-1'	ND	ND	ND	160	549	709	320
S-8	1/28/2022	2'	ND	ND	ND	ND	ND	-	176
3-6	1/28/2022	3'	ND	ND	ND	ND	ND	-	128
	1/28/2022	4'	ND	ND	ND	ND	ND	-	96
	1/28/2022	0-1'	ND	ND	ND	ND	ND	-	320
S-9	1/28/2022	2'	ND	ND	ND	ND	ND	-	672
3-9	1/28/2022	3'	ND	ND	ND	ND	ND	-	768
	1/28/2022	4'	ND	ND	ND	ND	ND	-	48
	1/28/2022	0-1'	ND	ND	ND	ND	ND	-	64
S-10	1/28/2022	2'	ND	ND	ND	ND	ND	-	64
3-10	1/28/2022	3'	ND	ND	ND	ND	ND	-	48
	1/28/2022	4'	ND	ND	ND	ND	ND	-	48
	1/28/2022	0-1'	ND	ND	ND	ND	ND	-	832
S-11	1/28/2022	2'	ND	ND	ND	ND	ND	-	672
3-11	1/28/2022	3'	ND	ND	ND	ND	ND	-	320
	1/28/2022	4'	ND	ND	ND	ND	ND	-	80
	1/28/2022	0-1'	ND	ND	ND	ND	ND	-	144
S-12	1/28/2022	2'	ND	ND	ND	ND	ND	-	48
3-12	1/28/2022	3'	ND	ND	ND	ND	ND	-	96
	1/28/2022	4'	ND	ND	ND	ND	ND	-	304

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Clorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	_	+ GRO + I ned = 100	100 mg/kg	600 mg/kg	
	1/28/2022	0-1'	ND	ND	ND	ND	ND	-	48
S-14	1/28/2022	2'	ND	ND	ND	ND	ND	-	32
	1/28/2022	3'	ND	ND	ND	ND	ND	-	32
	2016	and 2019	HISTORIC	CAL INCIDEN	TS ND	= Analyte	not detect	ed	

Table 1bSite Assessment Analytical Data
Incident # nAPP2127857190

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Clorides mg/kg
	CD Table 1 Cl a 19.15.29 N		50 mg/kg	10 mg/kg		+ GRO + I ned = 100		100 mg/kg	600 mg/kg
S-1	2/9/2022	0-1' R	ND	ND	33.3 1930		461	2424.3	2040
	2/9/2022	0-1'	0.567	ND	10.9	3080	1430	4520.9	2640
S-2	2/9/2022	2'	ND	ND	ND	141	55.7	196.7	464
3-2	2/9/2022	3'	ND	ND	ND	68.7	22.1	90.8	480
	2/9/2022	4'	ND	ND	ND	87.6	27.3	114.9	560
	2/9/2022	0-1'	27.4	ND	680	9650	1780	12110	5760
S-3	2/9/2022	2'	ND	ND	15.8	685	185	885.8	704
3-3	2/9/2022	3'	ND	ND	ND	189	37.7	226.7	352
	2/9/2022	4'	ND	ND	ND	112	21.9	133.9	288
S-4	2/9/2022	0-0.5' R	ND	ND	87.6	6350	1490	7927.6	16800
	2/9/2022	0-1'	ND	ND	99.1	5280	1270	6649.1	6640
S-5	2/9/2022	2'	ND	ND	ND	31	ND	31	80
3-5	2/9/2022	3'	ND	ND	ND	15.5	ND	15.5	80
	2/9/2022	4'	ND	ND	ND	41	ND	41	32
	2/9/2022	0-1'	3.07	ND	318	6920	1550	8788	352
S-6	2/9/2022	2'	ND	ND	ND	11.5	ND	11.5	32
3-0	2/9/2022	3'	ND	ND	ND	ND	ND	-	32
	2/9/2022	4'	ND	ND	ND	24.2	ND	24.2	16

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Clorides mg/kg
	CD Table 1 Clair ia 19.15.29 N		50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
BG-1	2/9/2022	0'	ND	ND	ND	264	161	425	224
BG-2	2/9/2022	0'	ND	ND	ND	217	78.1	295.1	208
BG-3	2/9/2022	0'	ND	ND	ND	198	75.7	273.7	144
BG-4	2/9/2022	0'	0.334	ND	ND	169	78.3	247.3	160
2	021 WELL H	EAD INCID	ENT N	D = Analyte	Not Detec	ted R = R	efusal with	Hand Aug	er

Table 1cSite Assessment Analytical Data
Incident # nAPP2204058257

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Clorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	_	+ GRO + I ned = 100	100 mg/kg	600 mg/kg	
E- COMP	2/14/2022	0'	ND	ND	ND	ND	ND	-	304
W- COMP	2/14/2022	0'	ND	ND	ND	ND	ND	-	336
	2	022 CON	TAINMEN ¹	ND = Analyte Not Detected					

Remediation Activities

Upon client authorization, excavation activities began on June 22, 2022, and continued through July 7, 2022. Final confirmation samples were collected on June 30, 2022 and July 7, 2022 to confirm that NMOCD closure criteria had been met, the results of which can be found in the following data table. Several sample jars were damaged during transist on June 30, 2022. Samples were recollected on July 1, 2022, for those sample areas. Confirmation sample locations and excavation dimensions can be found on the confirmation sample map, Figure 2, in Appendix I. All samples were transported with the chain of custody to Eurofins Laboratories Inc., for analysis of Total Chlorides (EPA Method 300.0), Total Petroleum Hydrocarbons (TPH, EPA Method 8015B NM) and Volatile Organics (BTEX, EPA Method 8021B). Complete laboratory reports for the remediation efforts are attached in Appendix V.

Table 2Site Closure Analytical Data

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Clorides mg/kg			
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg			
Incident	# nAB160082	6804 (201	.6 Pressure	Valve Relea	se)							
S-35	8/8/2022	0.5'	ND	ND	15.1	48.7	26.9	90.7	60.3			
Incident # nAB1917158019 (2019 Produced Water Release)												
S-19A	6/30/2022	2'	ND	ND	26.6	ND	20.2	46.8	7.03			
S-20A	6/30/2022	2'	ND	ND	22.6	ND	19.7	42.3	42.6			
S-21A	6/30/2022	2'	ND	ND	ND	ND	18.9	18.9	201			
S-22A	6/30/2022	2'	ND	ND	20.6	ND	18.5	39.1	114			
S-23A	6/30/2022	2'	0.00731	0.000525	18.5	ND	18.3	36.8	64.4			
S-24A	6/30/2022	2'	ND	ND	ND	ND	17.8	17.8	142			
S-25A	6/30/2022	1'	0.00433	0.000389	23.3	ND	17.3	40.6	74.4			
S-26A	6/30/2022	1'	ND	ND	21.8	ND	18.2	40	12.1			
S-27A	6/30/2022	2'	ND	ND	27.7	25.5	ND	53.2	114			
S-28A	6/30/2022	2'	ND	ND	26.6	20.9	ND	47.5	336			
S-29A	6/30/2022	2'	0.00742	0.000522	27.4	24.4	ND	51.8	86.4			
S-30A	6/30/2022	2'	ND	ND	25.7	25.7	ND	51.4	107			
S-31A	6/30/2022	2'	ND	ND	29.6	22.2	ND	51.8	212			
S-32A	6/30/2022	2'	ND	ND	22.8	ND	ND	22.8	116			
NSW-2	6/30/2022	2'	ND	ND	27.6	21.8	ND	49.4	71.3			
NSW-3	6/30/2022	2'	ND	ND	28.7	21.1	ND	49.8	48			
ESW-3	6/30/2022	2'	ND	ND	16	34.5	ND	50.5	25.4			
ESW-4	6/30/2022	1'	ND	ND	19.8	29.7	ND	49.5	12.7			
ESW-5	6/30/2022	2'	ND	ND	29.6	24.6	ND	54.2	305			
SSW-2	6/30/2022	1'	ND	ND	31.3	27.1	ND	58.4	8.11			

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Clorides mg/kg			
NMO	CD Table 1 Clo	sure	50	10 mg/kg	DRO	+ GRO + I	MRO	100	600			
Criter	ia 19.15.29 N	MAC	mg/kg	10 mg/kg	combii	ned = 100	mg/kg	mg/kg	mg/kg			
SSW-3	6/30/2022	2'	ND	ND	33.7	24.4	ND	58.1	40.3			
WSW-4	6/30/2022	2'	ND	ND	40.5	23.5	ND	64	102			
WSW-5	6/30/2022	1'	ND	ND	ND	ND	17.2	17.2	10.9			
WSW-6	6/30/2022 2'		ND	ND	ND	ND	19	19	42.3			
Incident # nAPP2127857190 (2021 Well Head Release)												
S-1A	7/1/2022	3'	ND	ND	29.4	41.8	16.1	87.3	13.8			
S-2A	7/1/2022	3'	ND	ND	43.3	26.4	ND	69.7	61.2			
S-3A	6/30/2022	3'	ND	ND	ND	ND	19.9	19.9	64.8			
S-4A	6/30/2022	3'	0.00209	ND	18.7	74.8	38.9	132	583			
SA-4	7/7/2022	4'	0.0208	0.00101	ND	16.5	ND	16.5	263			
S-5A	7/1/2022	3'	ND	ND	47.2	20.3	ND	67.8	147			
S-6A	6/30/2022	3'	ND	ND	19.6	ND	23.5	43.1	106			
S-7A	6/30/2022	3'	0.00884	0.000414	ND	22.6	21.9	44.5	107			
S-8A	6/30/2022	2'	ND	ND	25.00	ND	21.8	46.8	69.3			
S-9A	7/1/2022	3'	ND	ND	46.9	22.2	15.2	84.3	23.6			
S-10A	7/1/2022	3'	ND	ND	44.9	21.6	ND	66.5	42.3			
S-11A	6/30/2022	3'	ND	ND	19	ND	21.2	40.2	74			
S-12A	7/1/2022	3'	ND	ND	44	19.3	ND	63.3	17.2			
S-13A	6/30/2022	2'	ND	ND	16.2	ND	21.2	37.4	41			
S-14A	6/30/2022	2'	ND	ND	ND	30.4	21.8	52.2	118			
S-15A	6/30/2022	2'	ND	ND	17	ND	20.9	37.9	66.3			
S-16A	6/30/2022	2'	ND	ND	27.3	ND	21.1	48.4	29.4			
S-17A	6/30/2022	2'	ND	ND	21.4	19.9	20.8	62.1	115			
S-18A	6/30/2022	2'	ND	ND	ND	ND	19.3	19.3	86			
NSW-1	6/30/2022	3'	ND	ND	31.3	21	ND	52.3	7			
ESW-1	6/30/2022	3'	ND	ND	27.5	28.2	ND	55.7	38.1			
ESW-2	6/30/2022	2'	0.00645	ND	25.2	1440	ND	1470	662			
SSW-1	6/30/2022	2'	ND	ND	32	29.6	ND	61.6	173			
WSW-1	6/30/2022	3'	ND	ND	31.7	29.2	ND	60.9	38.2			
WSW-2	6/30/2022	3'	ND	ND	27.2	23.3	ND	50.5	129			
WSW-3	6/30/2022	2'	ND	ND	22.6	23.8	ND	46.4	69.2			
Incident	# nAPP22040!	58257 (20	22 Contain	ment Releas	e)							
N- COMP	7/7/2022	1'	0.0163	ND	39.2	19.3	15.4	73.9	15.8			
S- COMP	7/7/2022	2'	ND	ND	36.2	17.1	15	68.3	323			
ND = A	nalyte not de	tected 1		h Side Wall SW = West S		ist Side W	all SSW	= South Si	de Wall			

Supplemental Actions

Following NMOCD review, the report was rejected for incident numbers, nAPP2127857190 and nAPP2204058257 on October 26, 2022.

The sidewall sample, ESW-2, collected for incident nAPP2127857190 exceeded the Table 1 closure criteria but could not be advanced further eastward due to the precense of the well heads and for safety concerns. The area is requested to be deferred until the wells are plugged or abandoned and equipment is removed. A delineation sample was collected between the well heads to determine the horizontal extent of the release in the area on May 18, 2023. The soil sample was collected at two (2) feet bgs, and the sample location (ESW-2 (D) 2') is depicted on Figure 2, Confirmation Sample Map. The sample was delivered to Cardinal Laboratories for analysis of Total Chlorides (SM4500CI-B), Total Petroleum Hydrocarbons (TPH, EPA Method 8015M) and Volatile Organics (BTEX, EPA Method 8021B). The laboratory report for the delineation sample is attached in Appendix V. The analytical results are highlighted in Table 3.

Table 3Sidewall Delineation Analytical Data

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Clorides mg/kg			
	able 1 Closure 9.15.29 NMAC	Criteria	50 mg/kg	10 mg/kg	_	+ GRO + 1 ned = 100		100 mg/kg	600 mg/kg			
Incident # n	APP212785719	00 (Well He	ad Relea	se)								
ESW-2 (D)												
2'	5/18/2023	2'	ND	ND	ND	ND	ND	-	160			
	ND = Analyte not detected											

Incident nAPP2204058257 required a visual inspection of the liner following a two business day notification to NMOCD, which can be found in Appendix III. The notification was submitted with an inspection to occur on May 11, 2023. The liner inspection form and photographic documentation are presented in Appendix IV.

Remedial Action Summary

- The impacted area of ESW-2 could not be advanced further due to accessibility, exsisting infrastructure and safety concerns. On May 18, 2023, a delineation sample, ESW-2 (D) 2', was collected for horizontal delineation of the area between the exsisting infrastructure. The horizontal extent of the impacted area is well defined.
- All impacted areas on the pad location were excavated to depths of 1-4 feet bgs. Field titration of soil samples for Total Chlorides was utilized to guide the excavation process involving incident numbers nAB1917158019 and nAPP2204058257.
- A liner inspection was completed on May 11, 2023, to ensure the integrity
 of the secondary containment was intact in association with incident
 number nAPP2204058257.
- A surface composite sample (S-35) was collected from the pasture south
 of the separator battery in regards to incident number nAB1600826804 to
 ensure the bioremediation process was effective and had achieved TPH
 concentrations below the Table 1 closure criteria.
- Pursuant to NMOCD guidance, confirmation soil samples were collected throughout the excavated areas at 200 square foot intervals and analyzed for TPH, BTEX and Total Chlorides to insure NMOCD closure criteria had been met.
- The excavated areas on the well pad were backfilled with new caliche, machine compacted and contoured to match the surrounding location.
- Approximately 966 cubic yards of excavated material was transported to R360, a NMOCD approved solid waste disposal facility.
- Photographic documentation is provided in Appendix IV.
- Copies of the Final C-141s are presented in Appendix III.

Closure and Deferment Request

Based upon the completed remedial actions and confirmation sampling results, on behalf of Devon Energy Production Company, we respectfully request that no further actions be required for incident number nAPP2204058257 and that closure of this incident be granted.

Regarding incident number nAPP2127857190, we respectfully request that no further actions be required until facility closure for the deferment area.

Should you have any questions or if further information is required, please do not hesitate to contact our office at 575-746-8768.

Respectfully submitted,

Talon/LPE

Kayla Taylor Project Manager David J. Adkins Regional Manager

Attachments:

Appendix I Site Maps

Appendix II Groundwater Data, Soil Data, FEMA Flood Map

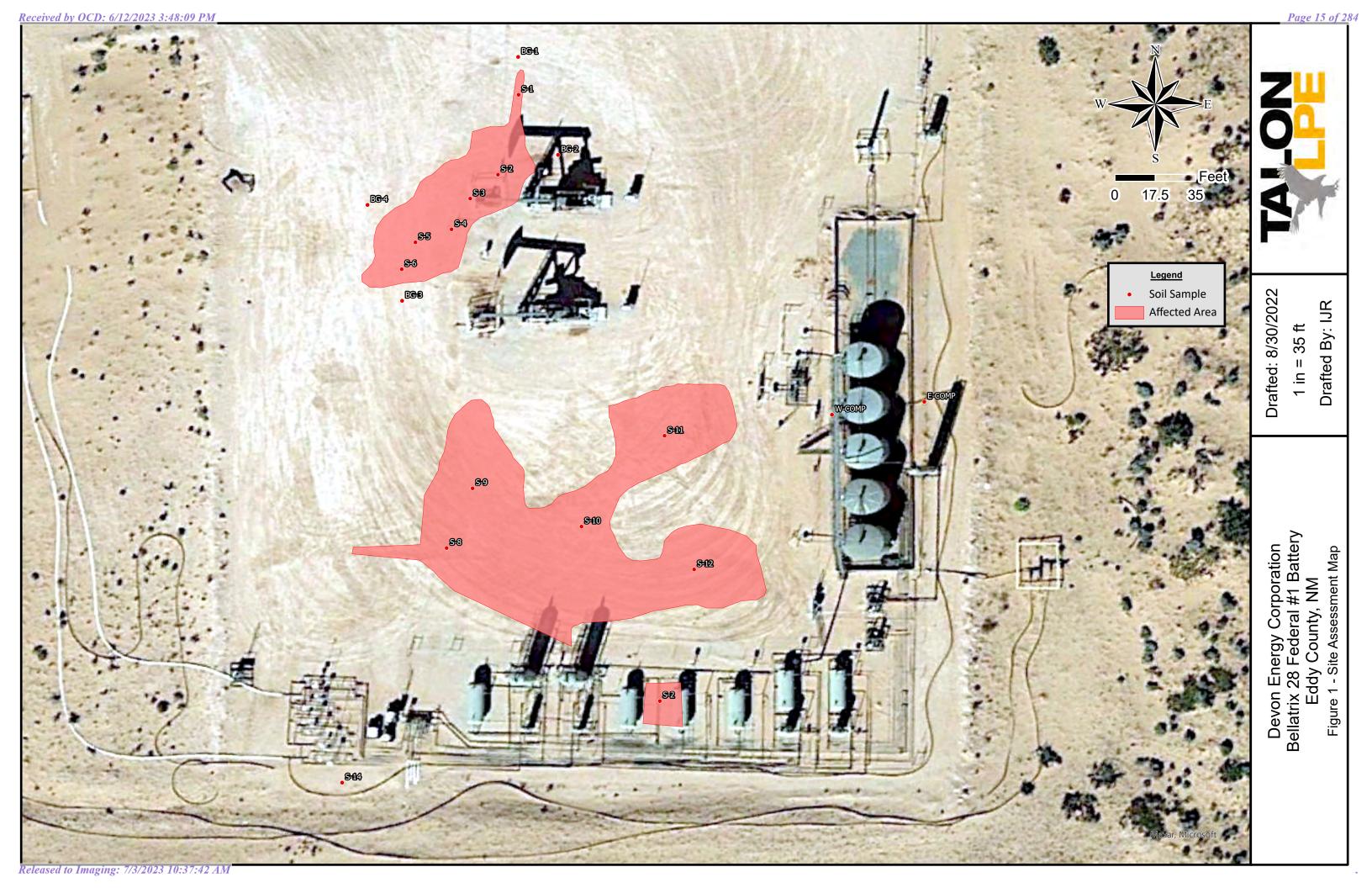
Appendix III C-141 Forms, NMOCD Correspondence, Liner Inspection Form

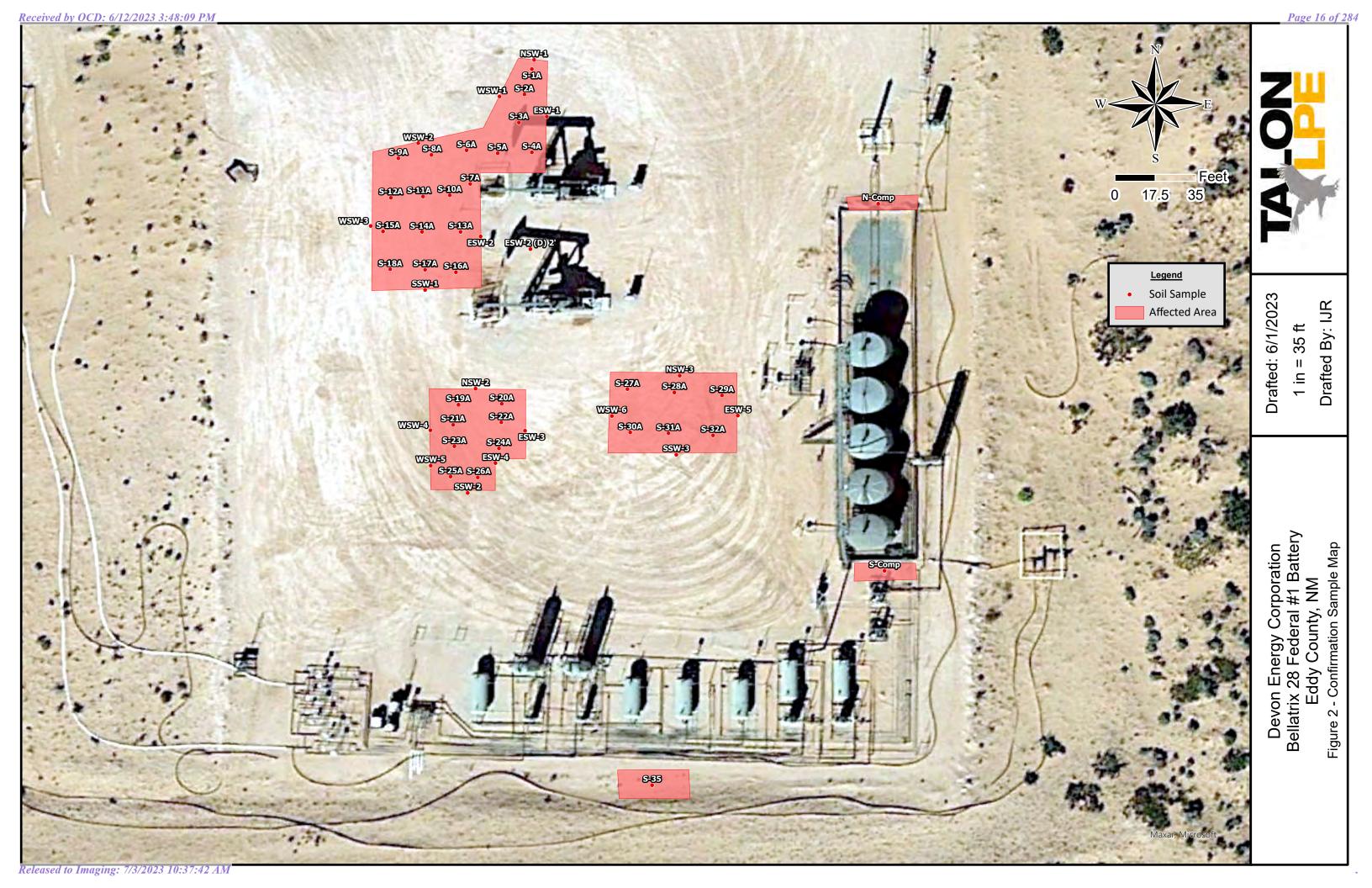
Appendix IV Photographic Documentation Appendix V Laboratory Analytical Data

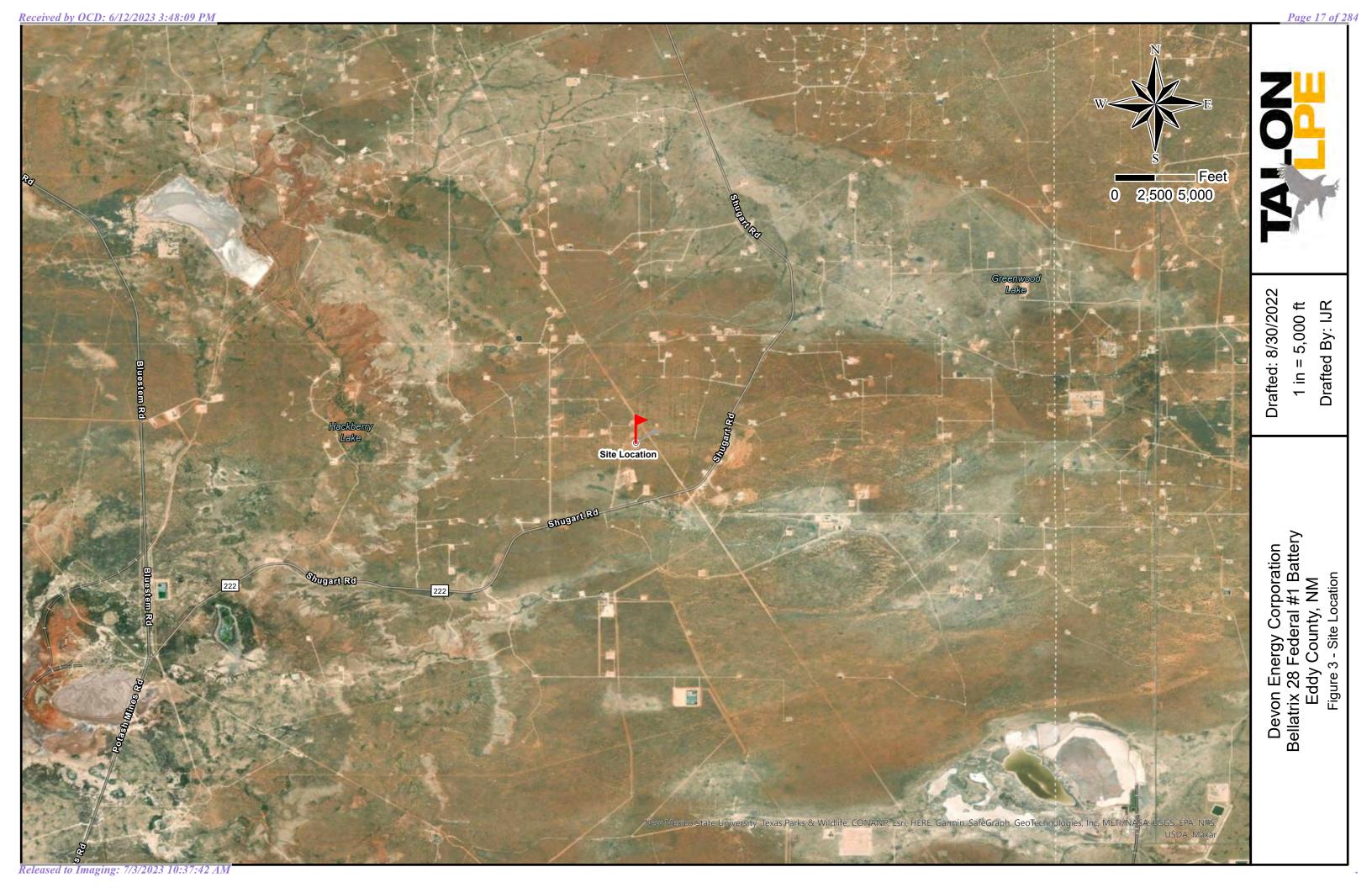


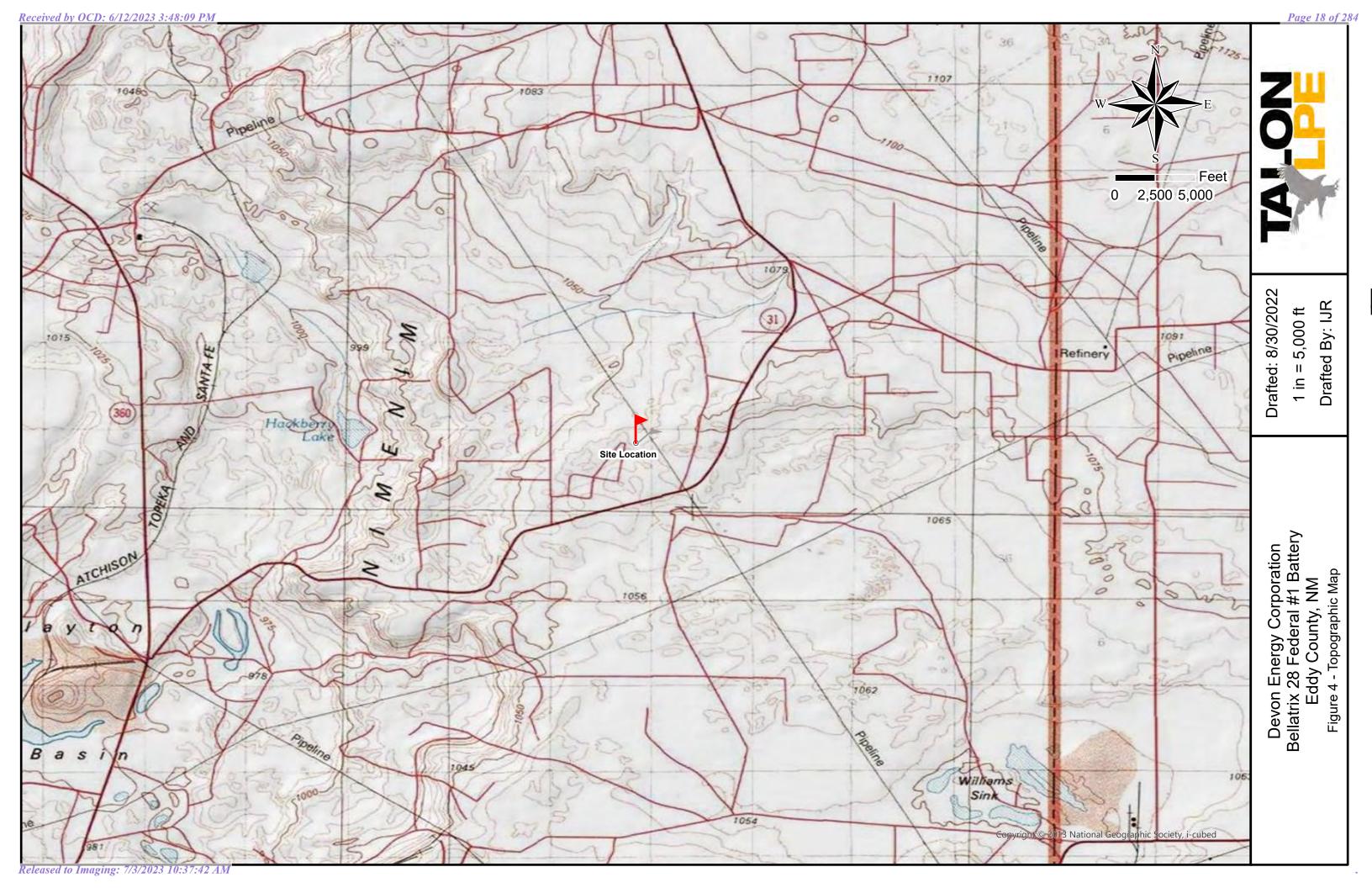
Appendix I

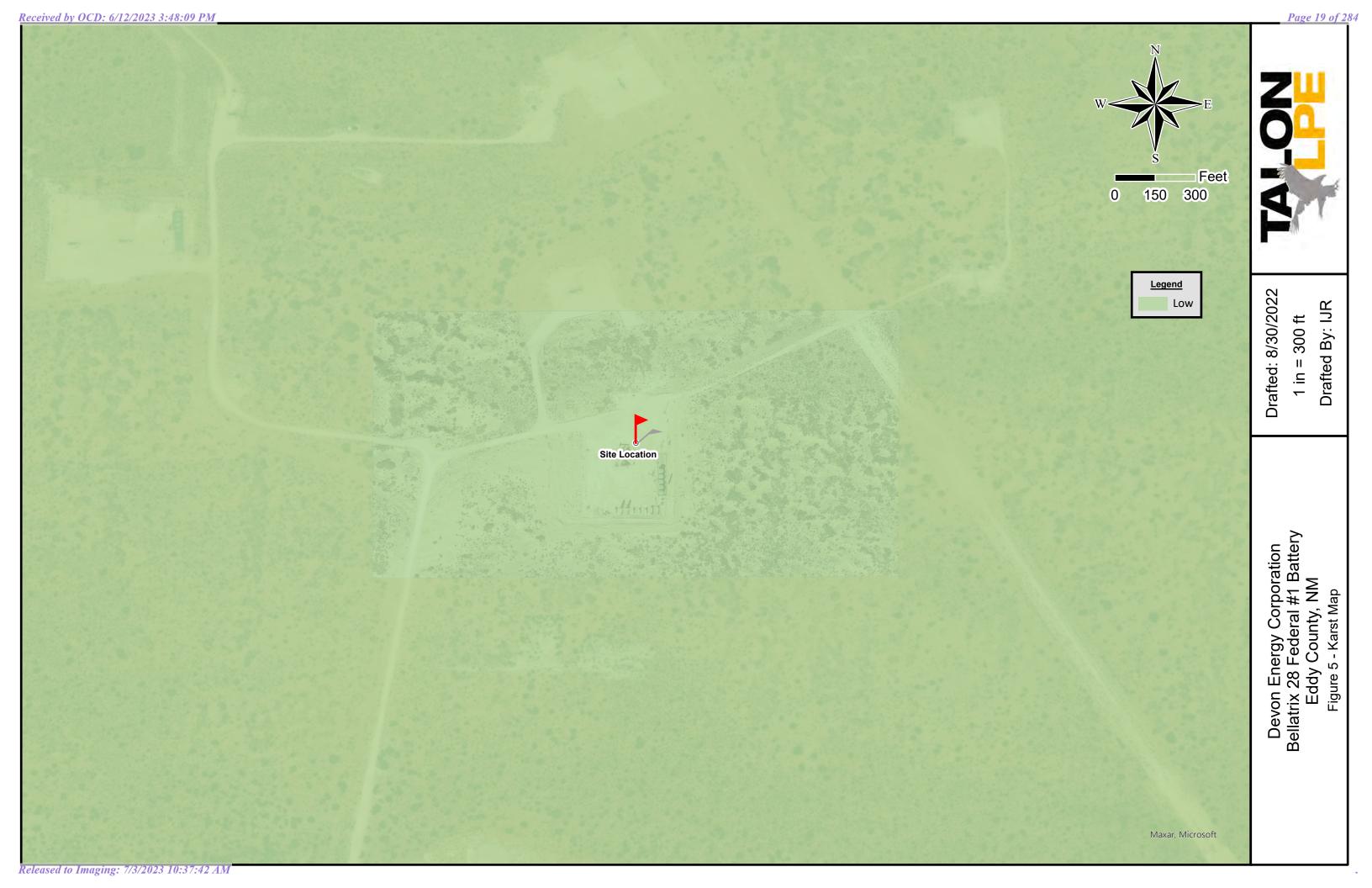
Site Maps













Appendix II

Groundwater and Soil Data FEMA Flood Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

		POD												
		Sub-		Q	Q	Q							W	ater
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	X	Y	DepthWellDepthWa	ater Col	lumn
CP 00641 POD1		CP	ED		4	1	36	19S	31E	610247	3609634*	300	130	170
CP 00642 POD1		CP	ED		2	2	25	19S	31E	611025	3611657*	250		
CP 00722 POD1		CP	LE	4	3	3	28	19S	31E	605106	3610273*	200		
<u>CP 00722 POD1</u>	R	CP	LE	4	3	3	28	19S	31E	605106	3610273*	200		
CP 00722 POD3		CP	LE	2	4	1	33	19S	31E	605519	3609673*	220	140	80
<u>CP 00723 POD1</u>		CP	ED	2	1	1	33	19S	31E	605111	3610071*	139		
<u>CP 00725 POD1</u>		CP	ED	1	3	3	28	19S	31E	604906	3610473*	231		
CP 00829 POD1		CP	LE		2	4	16	19S	31E	606165	3614009*	120		
<u>CP 00873 POD1</u>		CP	LE		1	1	19	19S	31E	601772	3613147*	340	180	160
CP 01554 POD1		CP	LE	2	2	1	22	19S	31E	607166	3613354	400		
<u>CP 01554 POD2</u>		CP	LE	2	2	1	22	19S	31E	607165	3613322	400		
CP 01864 POD1		CP	ED	4	2	1	34	19S	31E	607068	3609824	110		
<u>CP 01907 POD1</u>		CP	ED	4	2	2	18	19S	31E	603017	3614737			

Average Depth to Water: 150 feet
Minimum Depth: 130 feet

Maximum Depth: 180 feet

Record Count: 13

PLSS Search:

Township: 19S Range: 31E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

8/24/22 8:07 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Driller License:



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

KEY'S DRILLING & PUMP SERVICE

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng CP 00722 POD3 2 4 1 33 19S 31E

X

605519 3609673* **Driller Company:**

Driller Name: KEY, CASEY

Drill Start Date: 05/02/2011

1058

Drill Finish Date: 05/04/2011 Plug Date:

Log File Date: **PCW Rcv Date:** 05/17/2011 Source: Shallow Pump Type: Pipe Discharge Size: Estimated Yield: 100 GPM **Casing Size:** Depth Well: 220 feet Depth Water: 140 feet 5.00

> Water Bearing Stratifications: Top Bottom Description

> > 150 Sandstone/Gravel/Conglomerate 170 Sandstone/Gravel/Conglomerate

19084 SEAMETRICS Meter Number: Meter Make: 1000.0000 Meter Serial Number: 101903750408 Meter Multiplier: **Number of Dials:** Meter Type: Diversion Unit of Measure: **Return Flow Percent:** Gallons

Usage Multiplier: Reading Frequency: Quarterly

Meter Readings (in Acre-Feet)

Read Date	Year M	Itr Reading	Flag	Rdr Comment	Mtr Amount Online
07/01/2020	2020	0	A	RPT	0
10/12/2020	2020	409	Α	RPT	1.256
12/31/2020	2020	724	A	RPT	0.966
**YTD Mete	er Amounts	: Year	A	mount	
		2020		2.222	

^{*}UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

8/24/22 8:12 AM

POINT OF DIVERSION SUMMARY



Bellatrix 28 Fed #001H

Eddy Area, New Mexico

KM—Kermit-Berino fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4q Elevation: 3,100 to 4,200 feet

Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 190 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent Berino and similar soils: 35 percent Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Kermit

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Very

high (20.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R042XC005NM - Deep Sand

Hydric soil rating: No



Bellatrix 28 Fed #001H

Description of Berino

Setting

Landform: Plains, fan piedmonts

Landform position (three-dimensional): Riser

Down-slope shape: Convex Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand

H2 - 17 to 50 inches: fine sandy loam H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0

mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: B

Ecological site: R042XC003NM - Loamy Sand

Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 17, Sep 12, 2021

National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLI Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study **Jurisdiction Boundary Coastal Transect Baseline** OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/24/2022 at 10:05 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.





Appendix III

C-141 Forms

NMOCD Correspondence

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2127857190
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

		n Energy Produc	ction	OGRID 61	OGRID 6137		
Contact Name Wesley Mathews				Contact Te	Contact Telephone		
Contact email Wesley.Mathews@dvn.com				Incident #	(assigned by OCD)		
Contact mailin	ng address (3488 Seven Ri	vers Hwy Artesi	ia, NM 88210			
				of Release So			
Latitude 32.	.636124	+	(NAD 83 in dec	Longitude _ imal degrees to 5 decim	-103.885375 nal places)		
Site Name Bel	llatrix 28 F	 Federal 1H		Site Type C	Oil		
Date Release I	Discovered	9/21/2021		API# (if app	olicable)		
Unit Letter	Section	Township	Range	Coun	nty		
А	29	19S	31E	Edd	V		
		l(s) Released (Select al	ll that apply and attach o	l Volume of I	justification for the volumes provided below)		
Crude Oil			ed (bbls) 5 BBLS		Volume Recovered (bbls) 4 BBLS		
Produced V	Water		ed (bbls) 4.77 BBl		Volume Recovered (bbls) 4 BBLS		
			tion of total dissolv water >10,000 mg/	· /	☐ Yes ☐ No		
Condensat	e	Volume Release	d (bbls)		Volume Recovered (bbls)		
☐ Natural Ga	as	Volume Release	<u> </u>		Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units				e units)	Volume/Weight Recovered (provide units)		

73	20		C 4 0 4
Page	29	വ	· 2.84
1 115	-	\boldsymbol{v}_{I}	20 1

Incident ID	nAPP2127857190
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ■ No	If YES, for what reason(s) does the respon	nsible party consider this a major release?
If YES, was immediate no	otice given to the OCD? By whom? To wh	nom? When and by what means (phone, email, etc)?
	Initial R	esponse
The responsible	party must undertake the following actions immediated	y unless they could create a safety hazard that would result in injury
■ The source of the rele	ease has been stopped.	
■ The impacted area ha	s been secured to protect human health and	the environment.
Released materials ha	we been contained via the use of berms or o	likes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
If all the actions described Spill was not in confi	d above have <u>not</u> been undertaken, explain	why:
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release notinent. The acceptance of a C-141 report by the Cate and remediate contamination that pose a three	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Kendr	a DeHoyos	Title: EHS Associate
Signature: Kendra	De Hoyos	Date: 10/5/2021
	Hoyos@dvn.com	Telephone: 575-748-0167
OCD Only		
Received by: Ramona N	Marcus	Date:10/05/2021

Int	outs in blue, Ou	tputs in red
Con	taminated Soil n	neasurement
ength(Ft)	Width(Ft)	Depth(Ft)
40	2.000	0.010
bic Feet of S	oil Impacted	0.800
Barrels of So	I Impacted	0.14
Soil T	уре	Clay
Barrels of Oi 100% Sat		0.01
Saturation	Fluid present	with shovel/backhoe
Estimated Ba Rele	arrels of Oil	0.01
	Free Standing F	luid Only
Length(Ft)	Width(Ft)	Depth(Ft)
40	2.000	0.010
Stand	ing fluid	0.142
Total flu	ids spilled	0.157

Spill Volume(Bbl: Inputs in blue, Ou		
Contaminated Soil	measurement	
Area (square feet)	Depth(inches)	
2252.501	0.250	
bic Feet of Soil Impacted	46.927	
Barrels of Soil Impacted	8.36	
Soil Type	Clay/Sand	
Barrels of Oil Assuming 100% Saturation	<u>1.25</u>	
Saturation Fluid preser	nt with shovel/backhoe	
Estimated Barrels of Oil Released	1.25	
Free Standing	Fluid Only	
Area (square feet)	Depth(inches)	
2252.501	0.250	
0.125	8.365	
Total fluids spilled	9.620	

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State of New Mexico
Oil Conservation Division

	1 1180 01 0
ncident ID	nAPP2127857190
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	included in the plan.				
 □ Detailed description of proposed remediation technique □ Scaled sitemap with GPS coordinates showing delineation points □ Estimated volume of material to be remediated □ Closure criteria is to Table 1 specifications subject to 19.15.29.1 □ Proposed schedule for remediation (note if remediation plan times) 	2(C)(4) NMAC				
Deferral Requests Only: Each of the following items must be con	firmed as part of any request for deferral of remediation				
Deterral Requests Only. Each of the following tiems must be con-	irmed as part of any request for deferral of remediation.				
Contamination must be in areas immediately under or around predeconstruction.	oduction equipment where remediation could cause a major facility				
Extents of contamination must be fully delineated.					
☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.					
I hereby certify that the information given above is true and complete rules and regulations all operators are required to report and/or file complete which may endanger public health or the environment. The acceptant liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD a responsibility for compliance with any other federal, state, or local lates.	ertain release notifications and perform corrective actions for releases ace of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of				
Printed Name: Dale Woodall	Title: Environmental Professional				
Signature: Dala Woodall	Date: 6/8/2023				
email: dale.woodall@dvn.com	Telephone: 575.748.1838				
OCD Only					
Received by:	Date:				
Approved Approved with Attached Conditions of A	Approval				
Signature:	Date:				

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Responsible Party Devon Energy Production Company

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2204058257
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

OGRID 6137

Contact Name Wesley Mathews				Contact Te	elephone
Contact email Wesley.Mathews@dvn.com				Incident #	(assigned by OCD)
			vers Hwy Artesi	a, NM 88210	
				of Release So	ource
titude 32	2.636134	4		Longitude _	-103.885182
			(NAD 83 in deci	imal degrees to 5 decin	nal places)
Site Name Bellatrix 28 Fed Battery				Site Type (Oil
ate Release	Discovered	02/09/2022		API# (if app	plicable)
Unit Letter	Section	Township	Range	Coun	nty
Α	29	198	31E	Edo	dy
Material(s) Released (Select all that apply and attach cal				calculations or specific	
Crude Oil		Volume Released			Volume Recovered (bbls)
Produced Water		Volume Released (bbls) 240 BBLS		S	Volume Recovered (bbls) 240 BBLS
			tion of total dissolv water >10,000 mg/		Yes No
Condensate		Volume Released (bbls)			Volume Recovered (bbls)
_	Natural Gas		Volume Released (Mcf)		Volume Recovered (Mcf)
Natural G	ias	Volume recease			
Natural G Other (de			Released (provide	units)	Volume/Weight Recovered (provide units)

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Incident ID	nAPP2204058257
District RP	
Facility ID	
Application ID	

Г	1					
Was this a major	If YES, for what reason(s) does the respon	nsible party consider this a major release?				
release as defined by 19.15.29.7(A) NMAC?	Spill is over 25 BBLS.					
, ,						
Yes No						
If YES, was immediate n	notice given to the OCD? By whom? To what is a second of the OCD?	nom? When and by what means (phone, email, etc)?				
Immediate noticed	was given by Wesley Mathews o	n 2/9/22 on the OCD portal.				
	Initial D	ognongo				
	Initial R	esponse				
The responsible	party must undertake the following actions immediate	y unless they could create a safety hazard that would result in injury				
The source of the rele	ease has been stopped.					
■ The impacted area ha	as been secured to protect human health and	the environment.				
Released materials ha	Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.					
All free liquids and r	ecoverable materials have been removed an	d managed appropriately.				
If all the actions describe	ed above have <u>not</u> been undertaken, explain	why:				
D 10.15.20.0 D (4) 3 D						
		emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred				
		please attach all information needed for closure evaluation.				
I hereby certify that the info	ormation 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 noti	fications and perform corrective actions for releases which may endanger				
		OCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In				
		responsibility for compliance with any other federal, state, or local laws				
and/or regulations.						
Printed Name: Kendr	ra DeHoyos	Title: EHS Associate				
Signature:Kendra	Ta DeHoyos DeHoyos	Date: 2/23/2022				
		Telephone: 575-748-0167				
_{email:} Kendra.Ru	12@4VII.00III	Telephone: Or O-1-40-0 101				
OCD Only						
-						
Received by: Ramona	Marcus	Date: 2/23/2022				

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State of New Mexico
Oil Conservation Division

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

Page 6

Incident ID	nAPP2204058257
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

 ∑ A scaled site and sampling diagram as described in 19.15.29.1 ∑ Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection) 	1 NMAC of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
□ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
Printed Name: Dale Woodall	Title: Environmental Professional
Signature: Dale Woodall	Date: 6/8/2023
email: dale.woodall@dvn.com	Telephone: 575.748.1838
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:
	

NAPP2204058257

Spills In Line	d Containment			
Measurements Of Standing Fluid				
Length (Ft)	145			
Width(Ft)	28			
Depth(in.)	5.53			
Total Capacity without tank displacements (bbls)	333.24			
No. of 500 bbl Tanks In Standing Fluid No. of Other Tanks In Standing Fluid				
OD Of Other Tanks In Standing Fluid(feet)				
Total Volume of standing fluid accounting for tank displacement,	240.36			

Kayla Taylor

From: Kayla Taylor

Sent: Tuesday, June 28, 2022 7:57 AM

To: OCD.Enviro@state.nm.us

Subject: 48 hr Confirmation Sampling Notification - Bellatrix 28 Fed #1 for NAB1600826804,

nAPP2209051047 & nAPP2204058257

All,

Confirmation samples will be collected on Thursday, June 30, 2022 around 10am for the historical release 2RP-3478 (now known as NAB1600826804), nAPP2209051047 and possibly nAPP2204058257. The sampling area of nAPP2204058257 is contingent on hand crews completing area this week.

Let me know if you have any questions.

Kayla Taylor Project Manager

Office: 432.522.2133 x504 Direct: 432.253.7114 Cell: 432.210.5443 Fax: 432.522.2180 Emergency: 866.742.0742 Web: www.talonlpe.com



At Talon/LPE, we are quality in all things, including communication. Have a question? Need a quote? Send an email to clientrelations@talonlpe.com.

From: Kayla Taylor

Sent: Tuesday, July 5, 2022 8:58 AM **To:** OCD.Enviro@state.nm.us

Subject: 48 hr Confirmation Sampling Notification - Bellatrix 28 Fed #1 for nAPP2204058257 &

nAB1917158019 (2RP-5494)

All,

Confirmation samples will be collected for incident nAPP2204058257 and nAB1917158019 on July 7, 2022 at 10am.

Let me know if you have any questions.

Kayla Taylor Project Manager Office: 432.522.2133 x504

Olite: 432.252.2133 x304 Direct: 432.253.7114 Cell: 432.210.5443 Fax: 432.522.2180 Emergency: 866.742.0742 Web: www.talonlpe.com



At Talon/LPE, we are quality in all things, including communication. Have a question? Need a quote? Send an email to <u>clientrelations@talonlpe.com</u>.

From: Enviro, OCD, EMNRD < OCD.Enviro@emnrd.nm.gov>

Sent: Wednesday, May 10, 2023 9:34 AM

To: Kayla Taylor

Cc: Bratcher, Michael, EMNRD; Hall, Brittany, EMNRD

Subject: RE: [EXTERNAL] 48 hr notice for liner inspection at Bellatrix 28 Fed 001

This message originated from an **External Source**. Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.

Kayla,

Please be aware that notification requirements are **two business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to insure inclusion in the project file.

JH

Jocelyn Harimon • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | <u>Jocelyn.Harimon@emnrd.nm.gov</u>

http://www.emnrd.nm.gov



From: Kayla Taylor < ktaylor@talonlpe.com> Sent: Tuesday, May 9, 2023 11:01 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: David J. Adkins <dadkins@talonlpe.com>

Subject: [EXTERNAL] 48 hr notice for liner inspection at Bellatrix 28 Fed 001

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All,

Please accept this email as 48-hr notification, Talon LPE has scheduled a liner inspection to be conducted at Bellatrix 28 Fed #001H for the following release:

nAPP2204058257 DOR: 2/9/2022

This work will be completed on behalf of Devon Energy Production Company.

On Thursday, May 11, 2023 at 11am, Talon LPE will be onsite inspecting the tank battery liner. If you need directions to the site, have any questions or concerns regarding this notification, please give me a call at 432-210-5443.

Get Outlook for iOS

Liner Integrity Certification

The following serves to verify that the affected liner has been inspected and found to be in serviceable condition in accordance with 19.15.29.11 A.(5)(a)(i-ii) of the New Mexico Administrative Code.

Facility ID: Bellatrix 28 Fed #001 H API 30-015-40331

Date: 5/11/2023

Incident ID(s): n APP2204058257

Responsible Party has visually inspected the liner.

☑ Liner remains intact and was able to contain the leak in question.

At least two business days' notice was given to the appropriate division district office before conducting the liner inspection.

☑ Photographs illustrating liner integrity are included.

Notes:

From: Enviro, OCD, EMNRD < OCD.Enviro@emnrd.nm.gov>

Sent: Tuesday, May 16, 2023 11:45 AM

To: Kayla Taylor

Cc: Bratcher, Michael, EMNRD; Hall, Brittany, EMNRD

Subject: RE: [EXTERNAL] 48 Hour Confirmation Sampling Notification - Bellatrix 28 Fed #001H for

nAPP2127857190

This message originated from an External Source. Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.

Kayla,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon • Environmental Specialist

Environmental Bureau EMNRD - Oil Conservation Division 1220 South St. Francis Drive | Santa Fe, NM 87505 (505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov

http://www.emnrd.nm.gov



From: Kayla Taylor < ktaylor@talonlpe.com> Sent: Monday, May 15, 2023 3:33 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Subject: [EXTERNAL] 48 Hour Confirmation Sampling Notification - Bellatrix 28 Fed #001H for nAPP2127857190

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All.

Confirmation samples to establish horizontal extent for the deferment area will be collected for incident nAPP2127857190 on Thursday, May 18, 2023 at 10:30am.

If you need directions to the site, have any questions or concerns regarding this notification, please give me a call at 432-210-5443.

Kayla Taylor Project Manager Office: 432.522.2133 x504

Direct: 432.253.7114

Cell: 432.210.5443 Fax: 432.522.2180 Emergency: 866.742.0742 Web: www.talonlpe.com



At Talon/LPE, we are quality in all things, including communication. Have a question? Need a quote? Send an email to <u>clientrelations@talonlpe.com</u>.



Appendix IV

Photographic Documentation





Photograph No.1 Description:

Aerial overview of release area.



Photograph No.2 Description:

View of wellhead release area.



Photograph No.3 Description:

View of wellhead release area.



Photograph No.4 Description:

Excavated area around wellhead release.





Photograph No.5 Description:

Excavated area around wellhead release.



Photograph No.6 Description:

Excavated area around wellhead release.



Photograph No.7 Description:

Excavated area in center portion of pad.



Photograph No.8 Description:

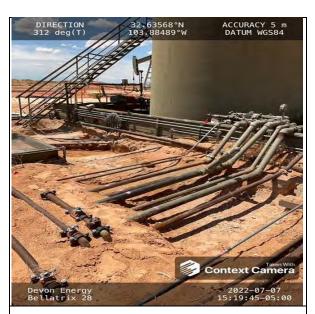
Excavated area in center portion of pad.





Photograph No.9 Description:

Excavated area on north side of secondary containment.



Photograph No.10 Description:

Excavated area on south side of secondary containment.



Photograph No.11 Description:

Backfilled excavation around well head.



Photograph No.12 Description:

Backfilled excavation in the center portion of the pad.





Photograph No.13 Description:

Backfilled excavation on north side of secondary containment.



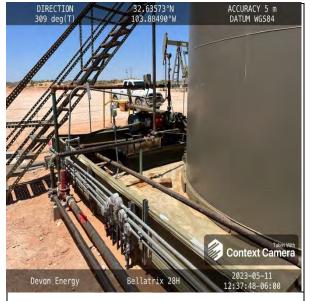
Photograph No.14 Description:

Backfilled excavation on south side of secondary containment.



Photograph No.15 Description:

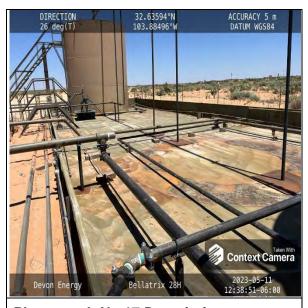
Visual liner inspection documentation.



Photograph No.16 Description:

Visual liner inspection documentation.





Photograph No.17 Description:

Visual liner inspection documentation.



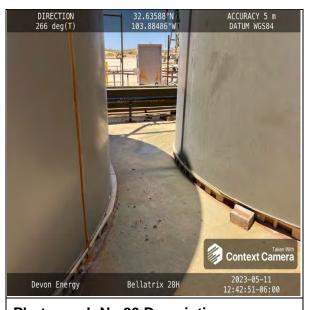
Photograph No.18 Description:

Visual liner inspection documentation.



Photograph No.19 Description:

Visual liner inspection documentation.



Photograph No.20 Description:

Visual liner inspection documentation.





Photograph No.21 Description:

Visual liner inspection documentation.



Photograph No.22 Description:

Visual liner inspection documentation.



Appendix V

Laboratory Analytical Data



February 03, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: BELLATRIX 28 FED 1

Enclosed are the results of analyses for samples received by the laboratory on 01/31/22 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:

TALON LPE REBECCA PONS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: S - 2 0-0.5' (H220363-01)

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	02/02/2022	ND	1.85	92.3	2.00	16.0	
Toluene*	<0.050	0.050	02/02/2022	ND	1.90	95.0	2.00	12.6	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	1.76	88.2	2.00	14.2	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	5.57	92.9	6.00	14.0	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/02/2022	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	02/02/2022	ND	203	101	200	0.480	
DRO >C10-C28*	<10.0	10.0	02/02/2022	ND	225	113	200	0.174	
EXT DRO >C28-C36	<10.0	10.0	02/02/2022	ND					
Surrogate: 1-Chlorooctane	103	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.2	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: S - 8 0-1' (H220363-02)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	1.85	92.3	2.00	16.0	
Toluene*	<0.050	0.050	02/02/2022	ND	1.90	95.0	2.00	12.6	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	1.76	88.2	2.00	14.2	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	5.57	92.9	6.00	14.0	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/02/2022	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	02/02/2022	ND	203	101	200	0.480	
DRO >C10-C28*	160	10.0	02/02/2022	ND	225	113	200	0.174	
EXT DRO >C28-C36	549	10.0	02/02/2022	ND					
Surrogate: 1-Chlorooctane	105 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.4	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 700794.295.01 Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: S - 8 2' (H220363-03)

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	02/02/2022	ND	1.85	92.3	2.00	16.0	
Toluene*	<0.050	0.050	02/02/2022	ND	1.90	95.0	2.00	12.6	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	1.76	88.2	2.00	14.2	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	5.57	92.9	6.00	14.0	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/02/2022	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	02/01/2022	ND	180	90.1	200	19.3	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	228	114	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					
Surrogate: 1-Chlorooctane	114	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

ma/ka

 Received:
 01/31/2022
 Sampling Date:
 01/28/2022

 Reported:
 02/03/2022
 Sampling Type:
 Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - EDDY CO NM

Sample ID: S - 8 3' (H220363-04)

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	02/02/2022	ND	1.85	92.3	2.00	16.0	
Toluene*	< 0.050	0.050	02/02/2022	ND	1.90	95.0	2.00	12.6	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	1.76	88.2	2.00	14.2	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	5.57	92.9	6.00	14.0	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/02/2022	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	02/01/2022	ND	180	90.1	200	19.3	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	228	114	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					
Surrogate: 1-Chlorooctane	110	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: **DEVON - EDDY CO NM**

Sample ID: S - 8 4' (H220363-05)

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	02/02/2022	ND	1.85	92.3	2.00	16.0	
Toluene*	<0.050	0.050	02/02/2022	ND	1.90	95.0	2.00	12.6	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	1.76	88.2	2.00	14.2	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	5.57	92.9	6.00	14.0	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/02/2022	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	02/01/2022	ND	180	90.1	200	19.3	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	228	114	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					
Surrogate: 1-Chlorooctane	113 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	114 %	6 59.5-14	2						

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Celeg D. Freene



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Analyzed By: MS/

Project Location: DEVON - EDDY CO NM

mg/kg

Sample ID: S - 9 0-1' (H220363-06)

BTEX 8021B

DILX GOZID	iiig/	, kg	Alldiyzo	a by. 1-15/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/01/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/01/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/02/2022	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	02/01/2022	ND	180	90.1	200	19.3	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	228	114	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					
Surrogate: 1-Chlorooctane	111 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110	% 59.5-14	2						

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Celey D. Keene



01/28/2022

Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date:

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: S - 9 2' (H220363-07)

BTEX 8021B	mg	/kg	Analyze	ed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/01/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/01/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	02/02/2022	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	02/01/2022	ND	180	90.1	200	19.3	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	228	114	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					
Surrogate: 1-Chlorooctane	124	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	125	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 700794.295.01 Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: S - 9 3' (H220363-08)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/01/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/01/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	02/02/2022	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	02/01/2022	ND	180	90.1	200	19.3	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	228	114	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					
Surrogate: 1-Chlorooctane	111 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Analyzed By: MS/

Project Location: DEVON - EDDY CO NM

mg/kg

Sample ID: S - 9 4' (H220363-09)

BTEX 8021B

	9/	9	7	7: : : : 0					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/01/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/01/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2022	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	02/01/2022	ND	180	90.1	200	19.3	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	228	114	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114 9	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Analyzed By: MC/

Project Location: DEVON - EDDY CO NM

Sample ID: S - 10 0-1' (H220363-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/02/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/02/2022	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	02/01/2022	ND	180	90.1	200	19.3	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	228	114	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					
Surrogate: 1-Chlorooctane	80.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.0	% 59.5-14	2						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: S - 10 2' (H220363-11)

BTEX 8021B	mg	/kg	Analyze	ed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/02/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	< 0.050	0.050	02/02/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/02/2022	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	02/02/2022	ND	203	101	200	0.480	
DRO >C10-C28*	<10.0	10.0	02/02/2022	ND	225	113	200	0.174	
EXT DRO >C28-C36	<10.0	10.0	02/02/2022	ND					
Surrogate: 1-Chlorooctane	98.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.8	% 59.5-14	22						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: S - 10 3' (H220363-12)

BTEX 8021B	mg	/kg	Analyze	ed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/02/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2022	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	02/01/2022	ND	197	98.5	200	7.48	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	234	117	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					
Surrogate: 1-Chlorooctane	88.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102	% 59.5-14	22						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

01/31/2022

Reported: 02/03/2022

Project Name: BELLATRIX 28 FED 1 Project Number: 700794.295.01 Project Location: DEVON - EDDY CO NM Sampling Date: 01/28/2022

Sampling Type: Soil

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

Sample ID: S - 10 4' (H220363-13)

Received:

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/02/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2022	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	02/02/2022	ND	203	101	200	0.480	
DRO >C10-C28*	<10.0	10.0	02/02/2022	ND	225	113	200	0.174	
EXT DRO >C28-C36	<10.0	10.0	02/02/2022	ND					
Surrogate: 1-Chlorooctane	103 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.3	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 700794.295.01 Tamara Oldaker

Project Location: **DEVON - EDDY CO NM**

Sample ID: S - 11 0-1' (H220363-14)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/02/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	02/02/2022	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	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2022	ND	203	101	200	0.480	
DRO >C10-C28*	<10.0	10.0	02/02/2022	ND	225	113	200	0.174	
EXT DRO >C28-C36	<10.0	10.0	02/02/2022	ND					
Surrogate: 1-Chlorooctane	95.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.2 9	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/31/2022 Reported: 02/03/2022

Reported: 02/03/2022
Project Name: BELLATRIX 28 FED 1
Project Number: 700794.295.01

Project Location: DEVON - EDDY CO NM

mg/kg

Sampling Date: 01/28/2022

Sampling Type: Soil

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

Sample ID: S - 11 2' (H220363-15)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 1-15/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/02/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	02/02/2022	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	02/02/2022	ND	203	101	200	0.480	
DRO >C10-C28*	<10.0	10.0	02/02/2022	ND	225	113	200	0.174	
EXT DRO >C28-C36	<10.0	10.0	02/02/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.3	% 59.5-14	2						

Analyzed By: MS/

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Celey D. Keine



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 700794.295.01 Tamara Oldaker

Project Location: **DEVON - EDDY CO NM**

Sample ID: S - 11 3' (H220363-16)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/02/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/02/2022	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	02/02/2022	ND	203	101	200	0.480	
DRO >C10-C28*	<10.0	10.0	02/02/2022	ND	225	113	200	0.174	
EXT DRO >C28-C36	<10.0	10.0	02/02/2022	ND					
Surrogate: 1-Chlorooctane	97.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.8	% 59.5-14	2						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 700794.295.01

Project Location: DEVON - EDDY CO NM

Sample ID: S - 11 4' (H220363-17)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/02/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/02/2022	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	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2022	ND	203	101	200	0.480	
DRO >C10-C28*	<10.0	10.0	02/02/2022	ND	225	113	200	0.174	
EXT DRO >C28-C36	<10.0	10.0	02/02/2022	ND					
Surrogate: 1-Chlorooctane	100	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.3	% 59.5-14	2						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 700794.295.01 Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: S - 12 0-1' (H220363-18)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/02/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/02/2022	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	02/02/2022	ND	203	101	200	0.480	
DRO >C10-C28*	<10.0	10.0	02/02/2022	ND	225	113	200	0.174	
EXT DRO >C28-C36	<10.0	10.0	02/02/2022	ND					
Surrogate: 1-Chlorooctane	85.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	70.7	% 59.5-14	2						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: S - 12 2' (H220363-19)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/02/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2022	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	02/02/2022	ND	203	101	200	0.480	
DRO >C10-C28*	<10.0	10.0	02/02/2022	ND	225	113	200	0.174	
EXT DRO >C28-C36	<10.0	10.0	02/02/2022	ND					
Surrogate: 1-Chlorooctane	93.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.4	% 59.5-14	2						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: S - 12 3' (H220363-20)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/02/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/02/2022	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	02/02/2022	ND	203	101	200	0.480	
DRO >C10-C28*	<10.0	10.0	02/02/2022	ND	225	113	200	0.174	
EXT DRO >C28-C36	<10.0	10.0	02/02/2022	ND					
Surrogate: 1-Chlorooctane	107 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.3	% 59.5-14	2						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: S - 12 4' (H220363-21)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/02/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/02/2022	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	02/02/2022	ND	203	101	200	0.480	
DRO >C10-C28*	<10.0	10.0	02/02/2022	ND	225	113	200	0.174	
EXT DRO >C28-C36	<10.0	10.0	02/02/2022	ND					
Surrogate: 1-Chlorooctane	104	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.3	% 59.5-14	2						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Analyzed By: MC/

Project Location: DEVON - EDDY CO NM

Sample ID: S - 14 0-1' (H220363-22)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/02/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2022	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	02/02/2022	ND	203	101	200	0.480	
DRO >C10-C28*	<10.0	10.0	02/02/2022	ND	225	113	200	0.174	
EXT DRO >C28-C36	<10.0	10.0	02/02/2022	ND					
Surrogate: 1-Chlorooctane	99.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.9	% 59.5-14	2						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: S - 14 2' (H220363-23)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/02/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/02/2022	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	02/02/2022	ND	203	101	200	0.480	
DRO >C10-C28*	<10.0	10.0	02/02/2022	ND	225	113	200	0.174	
EXT DRO >C28-C36	<10.0	10.0	02/02/2022	ND					
Surrogate: 1-Chlorooctane	103 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.9	% 59.5-14	2						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/31/2022 Sampling Date: 01/28/2022

Reported: 02/03/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: S - 14 3' (H220363-24)

BTEX 8021B	mg	/kg	Analyze	ed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2022	ND	2.14	107	2.00	6.31	
Toluene*	<0.050	0.050	02/02/2022	ND	2.06	103	2.00	6.63	
Ethylbenzene*	<0.050	0.050	02/02/2022	ND	2.04	102	2.00	7.82	
Total Xylenes*	<0.150	0.150	02/02/2022	ND	6.18	103	6.00	8.56	
Total BTEX	<0.300	0.300	02/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/02/2022	ND	416	104	400	3.92	
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	02/03/2022	ND	203	101	200	0.480	
DRO >C10-C28*	<10.0	10.0	02/03/2022	ND	225	113	200	0.174	
EXT DRO >C28-C36	<10.0	10.0	02/03/2022	ND					
Surrogate: 1-Chlorooctane	105	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114	% 59.5-14	22						

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Notes and Definitions

QR-04 The RPD for the BS/BSD was outside of historical limits.

A-01 CCV DRO was high but all samples ND.

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

Cardinal Laboratories *=Accredited Analyte

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	Company Name: Talon LPE			BILL TO			ANALYSIS RE	REQUEST	
Project Manager: R. Pons	R. Pons			P.O. #:		-	- 1		
Address: 408	Address: 408 W. Texas Ave			Company:				_	_
city: Artesia	۵	State: NM zip:	zip: 88210	Attn:					
Phone #: 575.746.8768	.746.8768	Fax #:		Address:			_	_	_
Project #: 700794.295.01	794.295.01	Project Owner: Devon		City:			_	_	
Project Name:	Project Name: Bellatrix 28 Fed #1	#1		State: Zip:		_	_	_	
Project Location: Eddy	n: Eddy			#					
Sampler Name:	Art, James, Matt	tt		Fax #:					
FOR LAB USE ONLY		P.	MATRIX	PRESERV. SAMPLING	LING				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	BTex	CL TDH.			
,	S-2 0-0.5'			_	w			1	
2	S-8 0-1'	-			19:6				
W	S-8 2'				2:08				
n	S-8 3'				2:50				
S	S-8 4'				2:10				
6	S-9 0-1'				Sh.i				
7	S-9 2'				174.				
8	S-9 3'				77:1				
	S-9 4'				1:48				
10	S-10 0-1'	4	4	4	7:51	4			
PLEASE NOTE: Liability an analyses. All claims includin service. In no event shall Ca affiliates or successors arisin	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 the client for the 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 completion of the applicable service. In no event shall Cardinal be labele for incidental or consequential damages, including without illimitation, business interruptions, loss of use, or loss of profits incurred by client, its substitiaties, affiliates or successions string out of or related to the performance of services hierarcher by Cardinal researches whether such claim is beneat from a more offers and the substitiations.	and client's exclusive remedy for any claim other cause whatsoever shall be deemed v consequental damages, including without I mance of services hereunder by Cardinal in	claim arising whether based in contract or tort, shall be limited to the whole of the contract or tort, shall be limited to the whole of the contract wave during and in writing and received by Cardinal within a different wavefund the contract of the cont	lient's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the cruate whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the a cruate whatsoever shall be deemed waived unless made in writing and received by Cardinal waived by client, its subsidiaries and almost a complete of the contract of the contrac	amount paid by the client for the 10 days after completion of the applicable rouned by client, its subsidiaries,				
Relinquished By:			Received By:	The state of the s	Phone Result: Fax Result: REMARKS:	□ Yes □ No	Add'l Phone #: Add'l Fax #:		7
Relinquished By:			Received By:	an fregue					
Delivered By:	Delivered By: (Circle One) 5.60	0) 60.50	- 10	유					
Sampler - UPS - Bus - Other:	Bus - Other:	5.10 H	A Pres Pres	You.					

Page 27 of 29



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	Company Name: Talon LPE		BILL TO	9		ANALYSIS RE	REQUEST	
Project Manager: R. Pons	r: R. Pons		P.O. #:					
Address: 408	Address: 408 W. Texas Ave		Company:					
city: Artesia	a state: NM	zip: 88210	Attn:					
Phone #: 575,746.8768	71		Address:					
Project #: 700794.295.01	794.295.01 Project Owner: Devon	: Devon	City:					
Project Name: [Project Name: Bellatrix 28 Fed #1		State: Zip:					
Project Location: Eddy	n: Eddy		#					
Sampler Name:	Sampler Name: Art, James, Matt		Fax #:					
FOR LAB USE ONLY			ESERV.	SAMPLING				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL	OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER;	BTex	CL TPH			
11	S-10 2'	-		7				
12	S-10 3'	1						
E)	S-10 4'			7:34				
74	S-11 0-1'			1:17				
15	S-11 2			21:13				
16	S-11 3'			1 1 9				
17	S-11 4'			1:20				
2/8	S-12 0-1'			7 '4'S				
19	S-12 2'			2:46				
20	S-12 3'	4 4	4	2:47 \$	4			
PLEASE NOTE: Liability an analyses. All claims includin service. In no event shall Ca affiliates or successors arisin	Damages. Cardinal's liability and client's exclusi those for negligence and any other cause whats final be liable for incidental or consequental dan out of or related to the performance of services.	any claim arising whether base deemed waived unless made i g without limitation, business in Dardinal, regardless of whether	we remedy for any claim arising whether based in confinet or tort, shall be limited to the amount, sowers shall be deemed walved unless made in writing and received by Cardinal within 30 and sowers shall be deemed walved unless made in writing and received by Cardinal within 30 and sages, including without limitation, business interruptions, loss of use, or loss of profits incurred thereunched by Cardinal, regardless of whether such dalm is based upon any of the above stated	paid by the client for the after completion of the applica by client, its subsidiaries, I reasons or otherwise.	ble			ŀ
Relinquished By:	Date: Time:	Received By:	me allelle	11 ,	☐ Yes ☐ No	Add'l Phone #: Add'l Fax #:		
Relinquished By:		Received By:	The state of the s					
Delivered Rv. (Circle One)	(Circle One)							
Delivered By:	(Circle One)	-6 Sample	Sample Condition CHECKED BY:					

(Initials)

Sampler - UPS - Bus - Other:

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nan	Company Name:Talon LPE		BILL TO				ANAL YSIS F	REQUEST	
Project Manag	Project Manager: R. Pons		P.O. #:	-		+		- 1	1
Address: 40	Address: 408 W. Texas Ave		Company:						
city: Artesia	ia state: NM	1 zip: 88210	Attn:			_			
Phone #: 575	Phone #: 575.746.8768 Fax #:		Address:						
Project #: 70(Project #: 700794.295.01 Project Own	Project Owner: DeVon	City:						
Project Name:	Project Name: Bellatrix 28 Fed #1		State: Zip:			_			
Project Location: Eddy	on: Eddy		*			_			
Sampler Name:	: Art, James, Matt		Fax#:			_			
FOR LAB USE ONLY		MATRIX	PRESERV, SAMPLING	ING		_			
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE	OTHER: ACID/BASE: CE / COOL OTHER:	BTox	CL	TDH.			
10	S-12 4'			3h'C		- !			1
22	S-14 0-1'		_	35:35					
E. S.	S-14 2'			3:40	_				
24	S-14 3'	+	*	3:45	4	4			
PLEASE NOTE: Liability a analyses, All claims, includi	PLEASE NOTE: Liability and Damages. Cardinat'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 the client for the applicable. 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 completion of the applicable.	ary claim arising whether based in contract of deemed walved unless made in writing an	or lost, shall be limited to the amount pa	d by the client for the	Dabbie Dabie				
Relinquished By:	Relinquished By: Time:	Cardinal, regardless of whether such claim Received By:	ther such claim is based upon any of the above stated re	Phone Result: Fax Result: REMARKS:	□ Yes	□ No	Add'l Phone #: Add'l Fax #:		
Relinquished By:		Received By:	Brown M						
Delivered By Sampler - UPS	Delivered By: (Circle One) S. L.C. Sampler - UPS - Bus - Other:	Sample Condition Cool Infact Cool Infact Pres Pres	on CHECKED BY: (Initials)						
	1	~	1						

Page 29 of 29



February 16, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: BELLATRIX 28 FED 1

Enclosed are the results of analyses for samples received by the laboratory on 02/14/22 12:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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)

Celey D. Keene

Accreditation applies to public drinking water matrices.

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:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/14/2022 Reported: 02/16/2022

Project Name: BELLATRIX 28 FED 1
Project Number: 700794,295.01
Project Location: DEVON - EDDY CO NM

Sampling Date: 02/09/2022

Sampling Type: Soil

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

Sample ID: S - 1 0-1' R (H220565-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	0.058	0.050	02/15/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	<0.300	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	114 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	02/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	33.3	10.0	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	1930	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	461	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	146 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	206 9	59.5-14	2						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/14/2022

Reported: 02/16/2022
Project Name: BELLATRIX 28 FED 1
Project Number: 700794,295.01

Project Location: DEVON - EDDY CO NM

Sampling Date: 02/09/2022

Sampling Type: Soil

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

Sample ID: S - 2 0-1' (H220565-02)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	0.142	0.050	02/15/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	0.129	0.050	02/15/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	0.295	0.150	02/15/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	0.567	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	106	% 69.9-14	10						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	02/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.9	10.0	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	3080	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	1430	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	129	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	179	% 59.5-14	12						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/14/2022 Sampling Date: 02/09/2022 Reported: Sampling Type: Soil 02/16/2022

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: **DEVON - EDDY CO NM**

Sample ID: S - 2 2' (H220565-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	<0.050	0.050	02/15/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	<0.300	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	02/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	141	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	55.7	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	130 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	150 9	6 59.5-14	2						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/14/2022

Reported: 02/16/2022 Project Name: BELLATRIX 28 FED 1

Project Number: 700794.295.01 Project Location: **DEVON - EDDY CO NM** Sampling Date: 02/09/2022

Sampling Type: Soil

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

Sample ID: S - 2 3' (H220565-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	<0.050	0.050	02/15/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	<0.300	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 %	69.9-14	0						
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	02/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	68.7	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	22.1	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	129 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	144 9	6 59.5-14	2						

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Celeg D. Keine



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/14/2022 Sampling Date: 02/09/2022 Reported: Sampling Type: Soil 02/16/2022

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: **DEVON - EDDY CO NM**

Sample ID: S - 2 4' (H220565-05)

BTEX 8021B	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	<0.050	0.050	02/15/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	<0.300	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 %	69.9-14	0						
Chloride, SM4500CI-B	mg/l	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	02/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg/l	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	87.6	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	27.3	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	132 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	148 %	59.5-14	2						

*=Accredited Analyte Cardinal Laboratories

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Celeg D. Kreene



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 02/14/2022 Reported: 02/16/2022

Project Name: BELLATRIX 28 FED 1 Project Number: 700794.295.01

Project Location: **DEVON - EDDY CO NM** Sampling Date: 02/09/2022

Sampling Type: Soil

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

Sample ID: S - 3 0-1' (H220565-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	2.18	0.050	02/15/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	6.18	0.050	02/15/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	19.0	0.150	02/15/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	27.4	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	200 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	02/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	680	10.0	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	9650	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	1780	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	253 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	274 9	% 59.5-14	2						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/14/2022 Reported:

02/16/2022 Project Name: BELLATRIX 28 FED 1 Project Number: 700794.295.01

Project Location: **DEVON - EDDY CO NM** Sampling Date: 02/09/2022

Sampling Type: Soil

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

Sample ID: S - 3 2' (H220565-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	<0.050	0.050	02/15/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	0.199	0.150	02/15/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	<0.300	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	111 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	02/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	15.8	10.0	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	685	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	185	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	135 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	164 %	6 59.5-14	2						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/14/2022 Sampling Date: 02/09/2022 Reported: Sampling Type: Soil 02/16/2022

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: **DEVON - EDDY CO NM**

Sample ID: S - 3 3' (H220565-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	<0.050	0.050	02/15/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	<0.300	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	189	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	37.7	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	132 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	151 %	6 59.5-14	2						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 02/14/2022

Reported: 02/16/2022 Project Name: BELLATRIX 28 FED 1 Project Number: 700794.295.01

Project Location: **DEVON - EDDY CO NM** Sampling Date: 02/09/2022

Sampling Type: Soil

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

Sample ID: S - 3 4' (H220565-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	<0.050	0.050	02/15/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	<0.300	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	112	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	21.9	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	130 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	147 9	6 59.5-14	2						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/14/2022 Reported: 02/16/2022

Reported: 02/16/2022
Project Name: BELLATRIX 28 FED 1
Project Number: 700794,295.01

Project Location: DEVON - EDDY CO NM

Sampling Date: 02/09/2022

Sampling Type: Soil
Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker

Sample ID: S - 4 0-0.5' R (H220565-10)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	0.075	0.050	02/15/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	0.051	0.050	02/15/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	<0.300	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16800	16.0	02/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	87.6	50.0	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	6350	50.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	1490	50.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	174	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	203	% 59.5-14	2						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/14/2022

Reported: 02/16/2022
Project Name: BELLATRIX 28 FED 1
Project Number: 700794,295,01

Project Location: DEVON - EDDY CO NM

Sampling Date: 02/09/2022

Sampling Type: Soil

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

Sample ID: S - 5 0-1' (H220565-11)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	<0.050	0.050	02/15/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	0.178	0.150	02/15/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	<0.300	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	02/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	99.1	50.0	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	5280	50.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	1270	50.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	132	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	147	% 59.5-14	2						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/14/2022 Sampling Date: 02/09/2022

Reported: 02/16/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794,295,01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: S - 5 2' (H220565-12)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	<0.050	0.050	02/16/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	<0.300	0.300	02/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/15/2022	ND	432	108	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	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	31.0	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	<10.0	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	100 5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/14/2022 Reported:

02/16/2022 Project Name: BELLATRIX 28 FED 1 Project Number: 700794.295.01

Project Location: **DEVON - EDDY CO NM** Sampling Date: 02/09/2022

Sampling Type: Soil

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

Sample ID: S - 5 3' (H220565-13)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	<0.050	0.050	02/16/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	<0.300	0.300	02/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/15/2022	ND	432	108	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	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	15.5	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	<10.0	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	105 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	107 9	6 59.5-14	2						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/14/2022

Reported: 02/16/2022 Project Name: BELLATRIX 28 FED 1 Project Number: 700794.295.01

Project Location: **DEVON - EDDY CO NM** Sampling Date: 02/09/2022

Sampling Type: Soil

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

Sample ID: S - 5 4' (H220565-14)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	<0.050	0.050	02/16/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	<0.300	0.300	02/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2022	ND	432	108	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	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	41.0	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	<10.0	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	106 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	108 9	6 59.5-14	2						

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C-04



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

02/09/2022

Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/14/2022 Sampling Date:

Reported: 02/16/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794,295,01 Sample Received By: Tamara Oldaker

Analyzed By MC

Project Location: DEVON - EDDY CO NM

Sample ID: S - 6 0-1' (H220565-15)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	0.081	0.050	02/16/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	0.425	0.050	02/16/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	2.57	0.150	02/16/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	3.07	0.300	02/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	197	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/15/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	318	50.0	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	6920	50.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	1550	50.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	183	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	169	% 59.5-14	2						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/14/2022

ma/ka

Reported: 02/16/2022
Project Name: BELLATRIX 28 FED 1
Project Number: 700794,295,01

Project Location: DEVON - EDDY CO NM

Sampling Date: 02/09/2022

Sampling Type: Soil

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

Sample ID: S - 6 2' (H220565-16)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	1.86	93.0	2.00	7.75	
Toluene*	<0.050	0.050	02/16/2022	ND	1.87	93.4	2.00	8.72	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.90	95.2	2.00	8.74	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	5.92	98.7	6.00	8.20	
Total BTEX	<0.300	0.300	02/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2022	ND	432	108	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	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	11.5	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	<10.0	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	113	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114	% 59.5-14	2						

Analyzed By: MC

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/14/2022 Sampling Date: 02/09/2022

Reported: 02/16/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794,295,01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: S - 6 3' (H220565-17)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.81	90.4	2.00	12.2	
Toluene*	<0.050	0.050	02/15/2022	ND	1.81	90.6	2.00	10.4	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.76	87.8	2.00	9.82	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.49	91.5	6.00	9.49	
Total BTEX	<0.300	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103	% 69.9-14	10						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2022	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	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	<10.0	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	<10.0	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	112	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113	% 59.5-14	12						

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02/09/2022

Soil

Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/14/2022 Sampling Date: Reported: Sampling Type: 02/16/2022

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: **DEVON - EDDY CO NM**

Sample ID: S - 6 4' (H220565-18)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.81	90.4	2.00	12.2	
Toluene*	<0.050	0.050	02/15/2022	ND	1.81	90.6	2.00	10.4	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.76	87.8	2.00	9.82	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.49	91.5	6.00	9.49	
Total BTEX	<0.300	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/15/2022	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	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	24.2	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	<10.0	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	106 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	109 9	6 59.5-14	2						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/14/2022 Reported: 02/16/2022

Project Name: BELLATRIX 28 FED 1
Project Number: 700794.295.01

Project Location: DEVON - EDDY CO NM

Sampling Date: 02/09/2022

Sampling Type: Soil
Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker

Sample ID: BG - 1 0' (H220565-19)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.81	90.4	2.00	12.2	
Toluene*	0.082	0.050	02/15/2022	ND	1.81	90.6	2.00	10.4	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.76	87.8	2.00	9.82	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.49	91.5	6.00	9.49	
Total BTEX	<0.300	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/15/2022	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	02/15/2022	ND	198	99.1	200	5.02	
DRO >C10-C28*	264	10.0	02/15/2022	ND	208	104	200	15.2	
EXT DRO >C28-C36	161	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	104	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115	% 59.5-14	2						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/14/2022 Sampling Date: 02/09/2022

Reported: 02/16/2022 Sampling Type: Soil
Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact

Project Number: 700794,295,01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: BG - 2 0' (H220565-20)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.81	90.4	2.00	12.2	
Toluene*	<0.050	0.050	02/15/2022	ND	1.81	90.6	2.00	10.4	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.76	87.8	2.00	9.82	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.49	91.5	6.00	9.49	
Total BTEX	<0.300	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/15/2022	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	02/15/2022	ND	246	123	200	4.40	
DRO >C10-C28*	217	10.0	02/15/2022	ND	220	110	200	1.39	
EXT DRO >C28-C36	78.1	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	85.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.5	% 59.5-14	2						

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Analytical Results For:

TALON LPE REBECCA PONS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 02/14/2022 Reported: 02/16/2022

Project Name: BELLATRIX 28 FED 1
Project Number: 700794.295.01

Project Location: DEVON - EDDY CO NM

Sampling Date: 02/09/2022

Sampling Type: Soil

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

Sample ID: BG - 3 0' (H220565-21)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.81	90.4	2.00	12.2	
Toluene*	0.116	0.050	02/15/2022	ND	1.81	90.6	2.00	10.4	
Ethylbenzene*	0.056	0.050	02/15/2022	ND	1.76	87.8	2.00	9.82	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.49	91.5	6.00	9.49	
Total BTEX	<0.300	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/15/2022	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	02/15/2022	ND	246	123	200	4.40	
DRO >C10-C28*	198	10.0	02/15/2022	ND	220	110	200	1.39	
EXT DRO >C28-C36	75.7	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.1	% 59.5-14	2						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/14/2022

Reported: 02/16/2022
Project Name: BELLATRIX 28 FED 1
Project Number: 700794,295.01

Project Location: DEVON - EDDY CO NM

Sampling Date: 02/09/2022

Sampling Type: Soil

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

Sample ID: BG - 4 0' (H220565-22)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2022	ND	1.81	90.4	2.00	12.2	
Toluene*	0.144	0.050	02/15/2022	ND	1.81	90.6	2.00	10.4	
Ethylbenzene*	0.082	0.050	02/15/2022	ND	1.76	87.8	2.00	9.82	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.49	91.5	6.00	9.49	
Total BTEX	0.334	0.300	02/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/15/2022	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	02/15/2022	ND	246	123	200	4.40	
DRO >C10-C28*	169	10.0	02/15/2022	ND	220	110	200	1.39	
EXT DRO >C28-C36	78.3	10.0	02/15/2022	ND					
Surrogate: 1-Chlorooctane	86.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111	% 59.5-14	2						

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S - 04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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. Keine

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: R. Pons Company Name: Talon LPE Project #: 700794.295.01 Address: 408 W. Texas Ave Project Name: Bellatrix 28 Fed #1 Phone #: 575.746.8768 sampler Name: J. Carnes, M. Gomez Project Location: Eddy County, NM Relinquished By: 1230563 nalyses. All dains including those for negligence and any other Lab I.D. Relinquished By: ervice. In no event shall Cardinal be liable Sampler - UPS - Bus - Other: Delivered By: (Circle One) Artesia MOTHROW GOMEZ (575) 393-2326 FAX (575) 393-2476 101 East Marland, Hobbs, NM 88240 S-2 2' S-2 3' S-2 4' S-3 0-1 S-3 2 S-3 4 S-2 S-1 0-1'R S-4 0-0.5' R 0-1 Sample I.D. Project Owner: DeVON Fax #: 11mg 205 State: NM Date: Time: zip: 88210 (G)RAB OR (C)OMP Received By: Received By: # CONTAINERS GROUNDWATER WASTEWATER Cool Intact
Yes Yes Sample Condition MATRIX > SOIL OIL SLUDGE P.O. #: Attn: State: City: Company: Address: Fax #: Phone #: OTHER PRESERV ACID/BASE: ICE / COOL BILL TO CHECKED BY: (Initials) Zip: 2/4/22 SAMPLING DATE by client, its subs 4:43 84:48 Phone Result:
Fax Result:
REMARKS: 15:4 4:54 10:06 10:03 10:00 TIME 10:04 Page on of the app chloride Email results □ Yes TPH ; carnes@talonlpe.com BTEX □ No ANALYSIS Add'l Phone : Add'l Fax #: mgomez@todontpe.com REQUEST and

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX	FAX (575) 393-2476	ANALYSIS REQUEST
Company Name: Talon LPE	BILL 10	
Project Manager: R. Pons	7.0. 判	
Address: 408 W. Texas Ave		
city: Artesia	State: NM Zip: 88210 Attn:	
9	Fax #: Address:	
Project #: 700794.295.01	Project Owner: DeVON City:	
Project Name: Bellatrix 28 Fed #1	#1 State: Zip:	
Project Location: Eddy County, NM	M	
sampler Name: J. Carnes, M. Gomez	ez Fax #:	
	G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	Chloride TPH BTEX
// S-5 0-1'	- ×	12: OI 12:
12 S-5 2		hz:01
14 S-5 4		10:27
/S-6 0-1'		10:40
16 S-6 2'		0:4
		64:01
/S BG-1 0'		Or. ZP on
PLEASE NOTE: Liability and Damages, Cardina's liability and Parages, Cardina's liability and Please Note:	BG-2 0' PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fact, shall be limited to the amount paid by the client for the applicable please. The procedure of the procedure of the applicable pleases in the procedure of the procedure of the applicable pleases.	(led to the amount paid by the client for the anything to the amount paid by the client for the anything 10 days after completion of the applicable of the client its subdistries.
service. In no event shall Cardinal be lable for incidental or a filliation or inconsors arising out of or inlated to the perform Relinquished By: Northweld Searce Relinquished By:	Date: Date: Received By: Time: Received By:	Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #: REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	6.4° C-8.5° Sample Condition CHECKED BY: (Initials) GC ##/3 Aves Aves	Page 2 of 3

Page 26 of 27

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476			ANALYSIS REQUEST	
Company Name: Talon LPE		BILL TO	ANALIGIO	
Project Manager: R. Pons	P.O. #:			
Address: 408 W. Texas Ave	Company:			
city: Artesia state: NM	Zip: 88210 Attn:			_
46.8768				_
Project #: 700794.295.01 Project Owner: Devon	City:			
Fed#	State:	Zip:		
Project Location: Eddy County, NM	Phone #:			
sampler Name: J. Carnes, M. Gomez	Fax	STATE OF THE STATE		
		DAMPLING		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	i m Chloride	1111	
ವಿ BG-3 0'	×	X 94.21 12/6/72	- ×	
2				
are exce NOTE: Lability and Danmages. Cerdinal's lability and client's exclusive remedy for any claim arising whether based in contract or bot, shall be limited to the emount paid by the client for the	or any claim arising whether based in contract or lort, shall be limited to contract or lort, shall be limited.	to the amount paid by the client for the about 10 days after completion of the applicable		
analyses. All claims including those for negligence and any other cause whatspews shall be deemed wasness unseen the consequences of profits incurred by client, its subsidiaries, 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, 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, services and use of the profits incurred by client, its subsidiaries, services and use of the profits incurred by client, its subsidiaries, services and use of the profits incurred by client, its subsidiaries, services and use of the profits incurred by client, its subsidiaries, services and use of the profits incurred by client, its subsidiaries, services and use of the profits incurred by client, its subsidiaries, services and use of the profits incurred by client, its subsidiaries, services and use of the profits incurred by client, its subsidiaries, services and use of the profits incurred by client, its subsidiaries, services and use of the profits incurred by client, its subsidiaries, services and use of the profits incurred by client, its subsidiaries, services and use of the profits incurred by client, its subsidiaries, and the profits incurred by client, and the profits incurred by c	De geenned warrau unaccommon interruptions, loss of use, or loss of priding without limitation, business interruptions, loss of use, or loss of priding without limitation, business interruptions, loss of use, or loss of priding without limitation, business or other lamb is based upon any of the	ofits incurred by client, its subsidiaries, e above stated reasons or otherwise.		
Relinquished By: Matthew & Board of the participance of services beautiful by Carelinquished By: Relinquished By: Matthew & Dawe? Relinquished By: Time: Date:	Received By: Received By: Received By: Received By:	7	☐ Yes ☐ No Add'l Phone #: ☐ Yes ☐ No Add'l Fax #:	
Delivered By: (Circle One) 6.4° C. Sampler - UPS - Bus - Other: 59°	Ge #//3 Sample Condition CHECK (Initial Check)	CHECKED BY: (Initials)	+ 3	

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February 22, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: BELLATRIX 28 FED 1

Enclosed are the results of analyses for samples received by the laboratory on 02/16/22 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/16/2022 Sampling Date: 02/14/2022 Reported: 02/22/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: E - COMP (H220605-01)

BTEX 8021B	mg/	'kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2022	ND	2.06	103	2.00	1.57	
Toluene*	<0.050	0.050	02/19/2022	ND	2.05	103	2.00	2.09	
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	1.97	98.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.12	102	6.00	0.966	
Total BTEX	<0.300	0.300	02/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/17/2022	ND	400	100	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	02/21/2022	ND	201	100	200	0.151	
DRO >C10-C28*	<10.0	10.0	02/21/2022	ND	205	103	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	02/21/2022	ND					
Surrogate: 1-Chlorooctane	104 5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108 9	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/16/2022 Sampling Date: 02/14/2022

Reported: 02/22/2022 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Analyzed By: MS/

Project Location: DEVON - EDDY CO NM

mg/kg

Sample ID: W - COMP (H220605-02)

BTEX 8021B

	9,	9	7	7: : : : : : : : : : : : : : : : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2022	ND	2.06	103	2.00	1.57	
Toluene*	<0.050	0.050	02/19/2022	ND	2.05	103	2.00	2.09	
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	1.97	98.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.12	102	6.00	0.966	
Total BTEX	<0.300	0.300	02/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/17/2022	ND	400	100	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	02/18/2022	ND	201	100	200	0.151	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	205	103	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					
Surrogate: 1-Chlorooctane	89.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.8	% 59.5-14	2						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Project Name: Bellath X 78 Fel. # State: Zip: Project Location: Eddy, NM Phone #: Sampler Name: M. Gowez, T. Cames Phone #: FOR LAB I.D. Sample I.D. GOOD PRESERV SAMPLING FOR LAB I.D. Sample I.D. GOOD PRESERV SAMPLING FOR LAB I.D. GOOD GOOD PRESERV SAMPLING FOR LAB I.D. GOOD GOOD GOOD FOR LAB I.D. GOOD GOOD GOOD FOR LAB I.D. GOOD GOOD GOOD FOR LAB I.D. GO	Project Manager: R. Igns Address: 408 W. Texas Ave City: Artesia State Phone #: 575.746.8768 Fax #:	P.O. #: Company: ax #: Address:	BILL TO		ANALYSIS REQUEST
Sample I.D. Fax #: PRESERV. Sampling Sampling Fax #: PRESERV. Sampling Sampling Fax #: Fax #: Sampling Fax #: Fax #: Sampling Fax #: Fax #: Sampling Fax #: Sampling Fax #: Fax #: Sampling Fax #: Fax #: Fax #: Sampling Fax #: Fax #: Sampling Fax #: Fax #: Fax #: Fax #: Sampling Fax #: Fax #	on: Eddy, NM		Zip:		
Sample I.D. C (G)RAB OR (C)OMP. 1 - #CONTAINERS GROUNDWATER WASTEWATER WASTEWATER X SOIL OIL SLUDGE OTHER: ACID/BASE: X ICE/COOL OTHER: 10:10 Unloride TPH	M. GONEZ, J.	MATRIX	7		
Comp C G)RAI CON GROU WASTI X SOIL SLUDG OTHER ACIDIE X OTHER OTHER X OTHER OTHE		TAINERS NDWATER EWATER ARX BE	SAMPLING	H	
$\frac{a/h}{h} \frac{h}{h} $	5	# CONTAIN GROUNDW WASTEWA SOIL OIL SLUDGE OTHER: ACID/BASE ICE/COOL	DATE TIME	TPH	
(emp C 1 X X 1/11/2		- ×	2/14/22	-	-
	2 W- Lomp				$\overline{}$
	Matthew barrez Time	Receive	Phone Result: Fax Result: REMARKS:	☐ Yes ☐ No	Add'l Phone #: Add'l Fax #:
One Phone Result: Yes Ph		Receive	in i	mail results to a justice of all parties of the lands of	~
Date: Received By: Phone Receive	Sampler - UPS - Bus - Other:	Sample Condition CHEC Cool Intact (In No No	KED BY:		
Circle One) 4,35 C-0.5c Cool Intact (Initials) Bus - Other: 3,8 c #1/3 Pes Tes	† Cardinal cannot accept verbal change	Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326	26		



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland 1211 W. Florida Ave Midland, TX 79701 Tel: (432)704-5440

Laboratory Job ID: 880-16516-1

Laboratory Sample Delivery Group: Eddy Co NM

Client Project/Site: Bellatrix 28 Fed 01H

For:

Talon/LPE 408 W. Texas St. Artesia, New Mexico 88210

Attn: Kayla Taylor

MAMER

Authorized for release by: 7/5/2022 4:39:10 PM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten

Results relate only to the items tested and the sample(s) as received by the laboratory.



Client: Talon/LPE Project/Site: Bellatrix 28 Fed 01H

Laboratory Job ID: 880-16516-1 SDG: Eddy Co NM

Table of Contents

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6

Definitions/Glossary

Client: Talon/LPE Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H

SDG: Eddy Co NM

Qualifiers

GC	VOA
Qual	lifier

F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Qualifier Description

Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
В	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

J Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

These commonly used abbreviations may or may not be present in this report.

S1-Surrogate recovery exceeds control limits, low biased. 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

n	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 MLMinimum 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)

Definitions/Glossary

Client: Talon/LPE Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1 SDG: Eddy Co NM

Job ID: 880-16516-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-16516-1

Receipt

The samples were received on 7/1/2022 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 0.2°C

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: The method blank for preparation batch 880-28837 and analytical batch 880-28952 contained OII Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-28837 and analytical batch 880-28952 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: The method blank for preparation batch 880-28906 and analytical batch 880-28973 contained Gasoline Range Organics (GRO)-C6-C10 and Oll Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-28906 and analytical batch 880-28973 were outside control limits. Sample matrix interference and/or non-homogeneity are 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: WSW-5 (880-16516-41). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-28839 and analytical batch 880-28950 contained Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); 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: (880-16516-A-21-B MS) and (880-16516-A-21-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.

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Client Sample Results

Client: Talon/LPE Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Client Sample ID: S-3A

Lab Sample ID: 880-16516-1 Date Collected: 06/30/22 11:48 Date Received: 07/01/22 08:12

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U F1 F2	0.00200	0.000386	mg/Kg		07/01/22 12:23	07/02/22 10:25	1
Toluene	<0.000457	U F1	0.00200	0.000457	mg/Kg		07/01/22 12:23	07/02/22 10:25	
Ethylbenzene	<0.000566	U F1	0.00200	0.000566	mg/Kg		07/01/22 12:23	07/02/22 10:25	
m-Xylene & p-Xylene	<0.00101	U F1	0.00401	0.00101	mg/Kg		07/01/22 12:23	07/02/22 10:25	
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg		07/01/22 12:23	07/02/22 10:25	•
Xylenes, Total	<0.00101	U F1	0.00401	0.00101	mg/Kg		07/01/22 12:23	07/02/22 10:25	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)			70 - 130				07/01/22 12:23	07/02/22 10:25	
1,4-Difluorobenzene (Surr)	95		70 - 130				07/01/22 12:23	07/02/22 10:25	:
Method: Total BTEX - Total B	ΓEX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg			07/05/22 16:02	
Method: 8015 NM - Diesel Rar	nge Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19.9	J	49.9	15.0	mg/Kg			07/05/22 11:42	1
			49.9	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Ra	ange Organics (D		49.9 RL	15.0 MDL			Prepared	07/05/22 11:42 Analyzed	
Method: 8015B NM - Diesel Ra Analyte	ange Organics (D	RO) (GC) Qualifier				<u>D</u>	Prepared 07/01/22 11:24		Dil Fac
Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10	ange Organics (D	RO) (GC) Qualifier	RL	MDL	Unit	<u>D</u>	<u>.</u>	Analyzed	Dil Fac
Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ange Organics (D	RO) (GC) Qualifier U *1	RL	MDL 15.0	Unit	<u>D</u>	<u>.</u>	Analyzed	Dil Fac
Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ange Organics (D Result <15.0	RO) (GC) Qualifier U *1	RL 49.9	MDL 15.0	Unit mg/Kg mg/Kg	<u>D</u>	07/01/22 11:24	Analyzed 07/03/22 23:06 07/03/22 23:06	Dil Fac
Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ange Organics (D Result <15.0	RO) (GC) Qualifier U *1	RL 49.9	MDL 15.0	Unit mg/Kg	<u>D</u>	07/01/22 11:24	Analyzed 07/03/22 23:06	Dil Fac
Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ange Organics (D Result <15.0	Qualifier U*1 U	RL 49.9	MDL 15.0	Unit mg/Kg mg/Kg	<u>D</u>	07/01/22 11:24	Analyzed 07/03/22 23:06 07/03/22 23:06	Dil Fac
Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	ange Organics (D Result <15.0 <19.9	Qualifier U*1 U	RL 49.9 49.9 49.9	MDL 15.0	Unit mg/Kg mg/Kg	<u>D</u>	07/01/22 11:24 07/01/22 11:24 07/01/22 11:24	Analyzed 07/03/22 23:06 07/03/22 23:06 07/03/22 23:06	Dil Fa
Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	Name	Qualifier U*1 U	RL 49.9 49.9 49.9	MDL 15.0	Unit mg/Kg mg/Kg	<u>D</u>	07/01/22 11:24 07/01/22 11:24 07/01/22 11:24 <i>Prepared</i>	Analyzed 07/03/22 23:06 07/03/22 23:06 07/03/22 23:06 Analyzed	Dil Fa
Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Name	Qualifier U*1 U JB Qualifier	RL 49.9 49.9 49.9 Limits 70 - 130	MDL 15.0	Unit mg/Kg mg/Kg	<u>D</u>	07/01/22 11:24 07/01/22 11:24 07/01/22 11:24 Prepared 07/01/22 11:24	Analyzed 07/03/22 23:06 07/03/22 23:06 07/03/22 23:06 Analyzed 07/03/22 23:06	Dil Fac
Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Name	Qualifier U*1 U JB Qualifier	RL 49.9 49.9 49.9 Limits 70 - 130	MDL 15.0 15.0	Unit mg/Kg mg/Kg	<u>D</u>	07/01/22 11:24 07/01/22 11:24 07/01/22 11:24 Prepared 07/01/22 11:24	Analyzed 07/03/22 23:06 07/03/22 23:06 07/03/22 23:06 Analyzed 07/03/22 23:06	Dil Fac

Client Sample ID: S-4A Lab Sample ID: 880-16516-2 Date Collected: 06/30/22 11:44 Matrix: Solid

Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		07/01/22 12:23	07/02/22 10:46	1
Toluene	0.000473	J	0.00201	0.000458	mg/Kg		07/01/22 12:23	07/02/22 10:46	1
Ethylbenzene	< 0.000567	U	0.00201	0.000567	mg/Kg		07/01/22 12:23	07/02/22 10:46	1
m-Xylene & p-Xylene	0.00117	J	0.00402	0.00101	mg/Kg		07/01/22 12:23	07/02/22 10:46	1
o-Xylene	0.000446	J	0.00201	0.000345	mg/Kg		07/01/22 12:23	07/02/22 10:46	1
Xylenes, Total	0.00162	J	0.00402	0.00101	mg/Kg		07/01/22 12:23	07/02/22 10:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				07/01/22 12:23	07/02/22 10:46	1
1,4-Difluorobenzene (Surr)	89		70 - 130				07/01/22 12:23	07/02/22 10:46	1

SDG: Eddy Co NM

07/01/22 11:24

07/01/22 11:24

07/04/22 00:09

07/04/22 00:09

Client: Talon/LPE

Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H

Client Sample ID: S-4A Lab Sample ID: 880-16516-2 Matrix: Solid

Date Collected: 06/30/22 11:44 Date Received: 07/01/22 08:12

Method: Total BTEX - Total BTI	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00209	J	0.00402	0.00101	mg/Kg			07/05/22 16:02	1
- Method: 8015 NM - Diesel Rang	ge Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	132		50.0	15.0	mg/Kg			07/05/22 11:42	1
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: 8015B NM - Diesel Ra	• •	, , ,							
Gasoline Range Organics	18.7	J *1	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 00:09	1
(GRO)-C6-C10									
Diesel Range Organics (Over	74.8		50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 00:09	1
C10-C28)									
Oll Range Organics (Over	38.9	JB	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 00:09	1
C28-C36)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Method: 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	583		4.99	0.857	mg/Kg			07/02/22 20:52	1

70 - 130

70 - 130

89

94

Client Sample ID: S-6A Lab Sample ID: 880-16516-3 Date Collected: 06/30/22 11:40 **Matrix: Solid**

Date Received: 07/01/22 08:12

1-Chlorooctane

o-Terphenyl

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/01/22 12:23	07/02/22 11:06	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		07/01/22 12:23	07/02/22 11:06	1
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		07/01/22 12:23	07/02/22 11:06	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:23	07/02/22 11:06	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		07/01/22 12:23	07/02/22 11:06	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:23	07/02/22 11:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				07/01/22 12:23	07/02/22 11:06	1
1,4-Difluorobenzene (Surr)	93		70 - 130				07/01/22 12:23	07/02/22 11:06	1
		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte			RL 0.00399	MDL 0.00101	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 07/05/22 16:02	Dil Fac
Analyte Total BTEX	<0.00101	U				<u>D</u>	Prepared		Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Rar	Result <0.00101	U		0.00101		<u>D</u>	Prepared Prepared		1
Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte	Result <0.00101	O) (GC) Qualifier	0.00399	0.00101 MDL	mg/Kg		<u> </u>	07/05/22 16:02	1
Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH	Result 43.1	O) (GC) Qualifier J	0.00399 RL	0.00101 MDL	mg/Kg		<u> </u>	07/05/22 16:02 Analyzed	1
Method: Total BTEX - Total BTAnalyte Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Rar Analyte	Result 43.1 ange Organics (DR) Result 43.1 ange Organics (D	O) (GC) Qualifier J	0.00399 RL	0.00101 MDL 15.0	mg/Kg		<u> </u>	07/05/22 16:02 Analyzed	Dil Fac Dil Fac 1 Dil Fac

SDG: Eddy Co NM

Client Sample ID: S-6A

Client: Talon/LPE

Lab Sample ID: 880-16516-3

Matrix: Solid

Date Collected: 06/30/22 11:40 Date Received: 07/01/22 08:12

Project/Site: Bellatrix 28 Fed 01H

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 00:29	1
C10-C28)									
Oll Range Organics (Over	23.5	JB	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 00:29	1
C28-C36)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				07/01/22 11:24	07/04/22 00:29	1
o-Terphenyl	92		70 - 130				07/01/22 11:24	07/04/22 00:29	1
Method: 300.0 - Anions, Ion C	Chromatography -	Soluble							
						_			
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: S-7A Lab Sample ID: 880-16516-4

Date Collected: 06/30/22 11:38

Matrix: Solid

Date Received: 07/01/22 08:12

1-Chlorooctane

o-Terphenyl

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000414	J	0.00199	0.000383	mg/Kg		07/01/22 12:23	07/02/22 11:27	1
Toluene	0.000835	J	0.00199	0.000453	mg/Kg		07/01/22 12:23	07/02/22 11:27	1
Ethylbenzene	0.00131	J	0.00199	0.000562	mg/Kg		07/01/22 12:23	07/02/22 11:27	1
m-Xylene & p-Xylene	0.00210	J	0.00398	0.00100	mg/Kg		07/01/22 12:23	07/02/22 11:27	1
o-Xylene	0.00418		0.00199	0.000342	mg/Kg		07/01/22 12:23	07/02/22 11:27	1
Xylenes, Total	0.00628		0.00398	0.00100	mg/Kg		07/01/22 12:23	07/02/22 11:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				07/01/22 12:23	07/02/22 11:27	1
1,4-Difluorobenzene (Surr)	102		70 ₋ 130				07/01/22 12:23	07/02/22 11:27	1

Method: Total BTEX - Total BTEX C	aiculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00884		0.00398	0.00100	mg/Kg			07/05/22 16:02	1
_									

Method: 8015 NM - Diesel Range Organics (DRO) (GC)										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	44.5	J	49.8	14.9	mg/Kg			07/05/22 11:42	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)												
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac			
Gasoline Range Organics (GRO)-C6-C10	<14.9	U *1	49.8	14.9	mg/Kg		07/01/22 11:24	07/04/22 00:49	1			
Diesel Range Organics (Over C10-C28)	22.6	J	49.8	14.9	mg/Kg		07/01/22 11:24	07/04/22 00:49	1			
Oll Range Organics (Over C28-C36)	21.9	JB	49.8	14.9	mg/Kg		07/01/22 11:24	07/04/22 00:49	1			
Surrogate	%Recovery	Qualifier	l imits				Prenared	Analyzed	Dil Fac			

70 - 130

70 - 130

96

Eurofins Midland

07/01/22 11:24 07/04/22 00:49

07/04/22 00:49

07/01/22 11:24

SDG: Eddy Co NM

Client Sample ID: S-7A

Client: Talon/LPE

Date Collected: 06/30/22 11:38 Date Received: 07/01/22 08:12

Project/Site: Bellatrix 28 Fed 01H

Lab Sample ID: 880-16516-4

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		4.95	0.850	mg/Kg			07/02/22 21:11	1

Client Sample ID: S-8A Lab Sample ID: 880-16516-5

Date Collected: 06/30/22 11:35

Matrix: Solid

Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/01/22 12:23	07/02/22 11:47	1
Toluene	< 0.000455	U	0.00200	0.000455	mg/Kg		07/01/22 12:23	07/02/22 11:47	1
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		07/01/22 12:23	07/02/22 11:47	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:23	07/02/22 11:47	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		07/01/22 12:23	07/02/22 11:47	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:23	07/02/22 11:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				07/01/22 12:23	07/02/22 11:47	1
1,4-Difluorobenzene (Surr)	96		70 - 130				07/01/22 12:23	07/02/22 11:47	1

Wethou. Total BTEX - Total BTEX Calculation										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			07/05/22 16:02	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	46.8	J	50.0	15.0	mg/Kg			07/05/22 11:42	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	25.0	J *1	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 01:09	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 01:09	1
Oll Range Organics (Over C28-C36)	21.8	JB	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 01:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	07/01/22 11:24	07/04/22 01:09	1
o-Terphenyl	91		70 - 130	07/01/22 11:24	07/04/22 01:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	69.3		4.99	0.857	mg/Kg			07/02/22 21:20	1

Client Sample ID: S-11A Lab Sample ID: 880-16516-6 Date Collected: 06/30/22 11:25 **Matrix: Solid**

Date Received: 07/01/22 08:12

Method: 8021B - Volatile Organic Compounds (GC)										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		07/01/22 12:23	07/02/22 12:08	1
	Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		07/01/22 12:23	07/02/22 12:08	1
	Ethylbenzene	< 0.000563	U	0.00199	0.000563	mg/Kg		07/01/22 12:23	07/02/22 12:08	1

Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Client Sample ID: S-11A Lab Sample ID: 880-16516-6

Date Collected: 06/30/22 11:25 Matrix: Solid Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		07/01/22 12:23	07/02/22 12:08	
o-Xylene	0.000759	J	0.00199	0.000343	mg/Kg		07/01/22 12:23	07/02/22 12:08	
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		07/01/22 12:23	07/02/22 12:08	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	101		70 - 130				07/01/22 12:23	07/02/22 12:08	
1,4-Difluorobenzene (Surr)	93		70 - 130				07/01/22 12:23	07/02/22 12:08	
Method: Total BTEX - Total BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			07/05/22 16:02	
Method: 8015 NM - Diesel Ran	ge Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	40.2	J	49.9	15.0	mg/Kg			07/05/22 11:42	
Method: 8015B NM - Diesel Ra	ange Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	19.0	J *1	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 01:30	
Diesel Range Organics (Over	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 01:30	,
C10-C28) Oll Range Organics (Over	21.2	JB	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 01:30	
C28-C36)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	86		70 - 130				07/01/22 11:24	07/04/22 01:30	
o-Terphenyl	93		70 - 130				07/01/22 11:24	07/04/22 01:30	

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Chloride 4.96 0.851 mg/Kg 07/02/22 21:48 74.0

Client Sample ID: S-13A Lab Sample ID: 880-16516-7 Date Collected: 06/30/22 11:20 **Matrix: Solid** Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/01/22 12:23	07/02/22 12:28	1
Toluene	0.000519	J	0.00200	0.000455	mg/Kg		07/01/22 12:23	07/02/22 12:28	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		07/01/22 12:23	07/02/22 12:28	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:23	07/02/22 12:28	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		07/01/22 12:23	07/02/22 12:28	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:23	07/02/22 12:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				07/01/22 12:23	07/02/22 12:28	1
1,4-Difluorobenzene (Surr)	91		70 - 130				07/01/22 12:23	07/02/22 12:28	1
Method: Total BTEX - Total B1	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	П	0.00399	0.00101	mg/Kg			07/05/22 16:02	

Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Client Sample ID: S-13A

Date Collected: 06/30/22 11:20 Date Received: 07/01/22 08:12 Lab Sample ID: 880-16516-7

Analyzed

Prepared

Matrix: Solid

Method: 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	37.4	J	49.9	15.0	mg/Kg			07/05/22 11:42	1
_									

Method: 8015B NM - Diesel Ran Analyte	• • •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	16.2		49.9		mg/Kg	_ =	07/01/22 11:24	07/04/22 01:49	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 01:49	1
Oll Range Organics (Over C28-C36)	21.2	JB	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 01:49	1

Mothod: 200 0 Anione Ion Chromotograph	v. Colubia				
o-Terphenyl	93	70 - 130	07/01/22 11:24	07/04/22 01:49	1
1-Chlorooctane	85	70 - 130	07/01/22 11:24	07/04/22 01:49	1

Limits

%Recovery Qualifier

Method	300.0 - Anions, Ion Chromatography	- Soluble						
Analyte	Resul	It Qualifier F	RL MDL	. Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.0	0 4.9	0.855	mg/Kg			07/02/22 21:57	1

Client Sample ID: S-14A Lab Sample ID: 880-16516-8 Date Collected: 06/30/22 11:15 **Matrix: Solid**

Date Received: 07/01/22 08:12

Surrogate

Method: 8021B - Volatile Orga	ınic Compounds (G	iC)							
Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386 U	J	0.00200	0.000386	mg/Kg		07/01/22 12:23	07/02/22 12:49	1
Toluene	<0.000457 U	J	0.00200	0.000457	mg/Kg		07/01/22 12:23	07/02/22 12:49	1
Ethylbenzene	<0.000566 U	J	0.00200	0.000566	mg/Kg		07/01/22 12:23	07/02/22 12:49	1
m-Xylene & p-Xylene	<0.00101 U	j	0.00401	0.00101	mg/Kg		07/01/22 12:23	07/02/22 12:49	1
o-Xylene	<0.000345 U	J	0.00200	0.000345	mg/Kg		07/01/22 12:23	07/02/22 12:49	1
Xylenes, Total	<0.00101 U	J	0.00401	0.00101	mg/Kg		07/01/22 12:23	07/02/22 12:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	07/01/22 12:23	07/02/22 12:49	1
1,4-Difluorobenzene (Surr)	88		70 - 130	07/01/22 12:23	07/02/22 12:49	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg			07/05/22 16:02	1

wethou. 6015 NW - Dieser Range C	•					_				
Analyte	Result	Qualifier	RL	MDL	Unit)	Prepared	Analyz	zed

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.2	50.0	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Range	Organics (DRO) (GC)							

١	Welliou. 60 156 NW - Diesel Kalige C	ryanics (D	KO) (GC)							
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Gasoline Range Organics	<15.0	U *1	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 02:10	1
	(GRO)-C6-C10									
	Diesel Range Organics (Over	30.4	J	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 02:10	1
١	C10-C28)									
	Oll Range Organics (Over	21.8	JB	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 02:10	1
١	C28-C36)									

Eurofins Midland

Dil Fac

Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: S-14A

Lab Sample ID: 880-16516-8

Matrix: Solid

Date Collected: 06/30/22 11:15 Date Received: 07/01/22 08:12

Project/Site: Bellatrix 28 Fed 01H

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	07/01/22 11:24	07/04/22 02:10	1
o-Terphenyl	107		70 - 130	07/01/22 11:24	07/04/22 02:10	1
_						

Method: 300.0 - Anions, Ion Chroma	atography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		5.04	0.865	mg/Kg			07/02/22 22:06	1

Client Sample ID: S-15A Lab Sample ID: 880-16516-9 Matrix: Solid

Date Collected: 06/30/22 11:13

Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		07/01/22 12:23	07/02/22 13:09	
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg		07/01/22 12:23	07/02/22 13:09	
Ethylbenzene	< 0.000567	U	0.00201	0.000567	mg/Kg		07/01/22 12:23	07/02/22 13:09	
m-Xylene & p-Xylene	<0.00101	U	0.00402	0.00101	mg/Kg		07/01/22 12:23	07/02/22 13:09	
o-Xylene	< 0.000345	U	0.00201	0.000345	mg/Kg		07/01/22 12:23	07/02/22 13:09	
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		07/01/22 12:23	07/02/22 13:09	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	107		70 - 130				07/01/22 12:23	07/02/22 13:09	
1,4-Difluorobenzene (Surr)	93		70 - 130				07/01/22 12:23	07/02/22 13:09	
Method: Total BTEX - Total B1	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00101	U	0.00402	0.00101	mg/Kg			07/05/22 16:02	
Method: 8015 NM - Diesel Rar	go Organics (DP)	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	37.9	J	49.9	15.0	mg/Kg			07/05/22 11:42	
Method: 8015B NM - Diesel Ra	ange Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	17.0	J *1	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 02:30	
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 02:30	
Oll Range Organics (Over C28-C36)	20.9	JB	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 02:30	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	86		70 - 130				07/01/22 11:24	07/04/22 02:30	
o-Terphenyl	86		70 - 130				07/01/22 11:24	07/04/22 02:30	
-									
Method: 300.0 - Anions, Ion C	hromatography -	Soluble							
Method: 300.0 - Anions, Ion C Analyte		Soluble Qualifier	RL 4.98	MDL	Unit mg/Kg	D	Prepared	Analyzed	Dil Fa

Client: Talon/LPE Job ID: 880-16516-1

Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM Client Sample ID: S-16A Lab Sample ID: 880-16516-10

Date Collected: 06/30/22 11:10 Matrix: Solid Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/01/22 12:23	07/02/22 13:30	1
Toluene	< 0.000455	U	0.00200	0.000455	mg/Kg		07/01/22 12:23	07/02/22 13:30	1
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		07/01/22 12:23	07/02/22 13:30	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:23	07/02/22 13:30	1
o-Xylene	0.000466	J	0.00200	0.000343	mg/Kg		07/01/22 12:23	07/02/22 13:30	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:23	07/02/22 13:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				07/01/22 12:23	07/02/22 13:30	1
1,4-Difluorobenzene (Surr)	91		70 - 130				07/01/22 12:23	07/02/22 13:30	1
Method: Total BTEX - Total BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			07/05/22 16:02	1
Method: 8015 NM - Diesel Ran	ge Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	48.4	J	49.9	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Ra	ange Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	27.3	J *1	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 02:50	
(GRO)-C6-C10									1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 02:50	
•			49.9 49.9		mg/Kg mg/Kg		07/01/22 11:24 07/01/22 11:24	07/04/22 02:50 07/04/22 02:50	1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	<15.0	JB							1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<15.0 21.1	JB	49.9				07/01/22 11:24	07/04/22 02:50	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) Oll Range Organics (Over C28-C36) Surrogate	<15.0 21.1 %Recovery	JB	49.9 <i>Limits</i>				07/01/22 11:24 Prepared	07/04/22 02:50 Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<15.0 21.1 %Recovery 99 104	J B Qualifier	49.9 Limits 70 - 130				07/01/22 11:24 Prepared 07/01/22 11:24	07/04/22 02:50 Analyzed 07/04/22 02:50	1 Dil Fac
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<15.0 21.1 **Recovery 99 104 hromatography -	J B Qualifier	49.9 Limits 70 - 130		mg/Kg	D	07/01/22 11:24 Prepared 07/01/22 11:24	07/04/22 02:50 Analyzed 07/04/22 02:50	1 Dil Fac

Client Sample ID: S-17A Lab Sample ID: 880-16516-11 Date Collected: 06/30/22 11:08 Matrix: Solid

Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		07/01/22 12:23	07/02/22 14:52	1
Toluene	< 0.000453	U	0.00199	0.000453	mg/Kg		07/01/22 12:23	07/02/22 14:52	1
Ethylbenzene	< 0.000562	U	0.00199	0.000562	mg/Kg		07/01/22 12:23	07/02/22 14:52	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		07/01/22 12:23	07/02/22 14:52	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		07/01/22 12:23	07/02/22 14:52	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		07/01/22 12:23	07/02/22 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				07/01/22 12:23	07/02/22 14:52	1
1,4-Difluorobenzene (Surr)	98		70 - 130				07/01/22 12:23	07/02/22 14:52	1

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: S-17A

Date Collected: 06/30/22 11:08 Date Received: 07/01/22 08:12 Lab Sample ID: 880-16516-11

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			07/05/22 16:02	1
Method: 8015 NM - Diesel Rang	e Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62.1		50.0	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Rar	nge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	21.4	J *1	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 03:30	
Diesel Range Organics (Over C10-C28)	19.9	J	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 03:30	
Oll Range Organics (Over C28-C36)	20.8	JB	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 03:30	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	89		70 - 130				07/01/22 11:24	07/04/22 03:30	
o-Terphenyl	91		70 - 130				07/01/22 11:24	07/04/22 03:30	
Method: 300.0 - Anions, Ion Ch	romatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	115		5.00	0.858	mg/Kg			07/02/22 22:34	

Client Sample ID: S-18A Lab Sample ID: 880-16516-12 Date Collected: 06/30/22 11:03 Matrix: Solid

Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		07/01/22 12:23	07/02/22 15:13	1
Toluene	< 0.000459	U	0.00201	0.000459	mg/Kg		07/01/22 12:23	07/02/22 15:13	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		07/01/22 12:23	07/02/22 15:13	1
m-Xylene & p-Xylene	<0.00102	U	0.00402	0.00102	mg/Kg		07/01/22 12:23	07/02/22 15:13	1
o-Xylene	<0.000346	U	0.00201	0.000346	mg/Kg		07/01/22 12:23	07/02/22 15:13	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		07/01/22 12:23	07/02/22 15:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				07/01/22 12:23	07/02/22 15:13	1
							07/04/00 40:00	07/02/22 15:13	
. '	98		70 - 130				07/01/22 12:23	01/02/22 15.13	1
1,4-Difluorobenzene (Surr) : Method: Total BTEX - Total B [*] Analyte	TEX Calculation	Qualifier	70 ₋ 130	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: Total BTEX - Total B Analyte	TEX Calculation			MDL 0.00102		<u>D</u>			Dil Fac
Method: Total BTEX - Total BTA Analyte Total BTEX	TEX Calculation Result <0.00102	U	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total B	TEX Calculation Result <0.00102 nge Organics (DR	U	RL	0.00102		<u>D</u>		Analyzed	1
Method: Total BTEX - Total BTA Analyte Total BTEX Method: 8015 NM - Diesel Rai	TEX Calculation Result <0.00102 nge Organics (DR	O) (GC) Qualifier	RL 0.00402	0.00102 MDL	mg/Kg		Prepared	Analyzed 07/05/22 16:02	1
Method: Total BTEX - Total BTA Analyte Total BTEX Method: 8015 NM - Diesel Rai Analyte	TEX Calculation Result <0.00102 nge Organics (DR) Result 19.3	O) (GC) Qualifier J		0.00102 MDL	mg/Kg		Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fac Dil Fac
Method: Total BTEX - Total BTAnalyte Total BTEX Method: 8015 NM - Diesel Rai Analyte Total TPH	TEX Calculation Result <0.00102 nge Organics (DR Result 19.3 ange Organics (Di	O) (GC) Qualifier J		0.00102 MDL 15.0	mg/Kg		Prepared	Analyzed 07/05/22 16:02 Analyzed	1

SDG: Eddy Co NM

Client Sample ID: S-18A

Project/Site: Bellatrix 28 Fed 01H

Client: Talon/LPE

Lab Sample ID: 880-16516-12

Matrix: Solid

Date Collected: 06/30/22 11:03
Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 03:50	1
C10-C28)									
Oll Range Organics (Over	19.3	JB	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 03:50	1
C28-C36)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				07/01/22 11:24	07/04/22 03:50	1
o-Terphenyl	97		70 - 130				07/01/22 11:24	07/04/22 03:50	1
Method: 300.0 - Anions, Ion C	hromatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.0		5.01	0.860	mg/Kg			07/02/22 23:01	1

Client Sample ID: S-19A Lab Sample ID: 880-16516-13

Date Collected: 06/30/22 13:08
Date Received: 07/01/22 08:12

Matrix: Solid

Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000389	U	0.00202	0.000389	mg/Kg		07/01/22 12:23	07/02/22 15:33	1
Toluene	<0.000461	U	0.00202	0.000461	mg/Kg		07/01/22 12:23	07/02/22 15:33	1
Ethylbenzene	< 0.000571	U	0.00202	0.000571	mg/Kg		07/01/22 12:23	07/02/22 15:33	1
m-Xylene & p-Xylene	<0.00102	U	0.00404	0.00102	mg/Kg		07/01/22 12:23	07/02/22 15:33	1
o-Xylene	< 0.000347	U	0.00202	0.000347	mg/Kg		07/01/22 12:23	07/02/22 15:33	1
Xylenes, Total	<0.00102	U	0.00404	0.00102	mg/Kg		07/01/22 12:23	07/02/22 15:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				07/01/22 12:23	07/02/22 15:33	1
1,4-Difluorobenzene (Surr)	97		70 - 130				07/01/22 12:23	07/02/22 15:33	1
Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00404	0.00102	mg/Kg			07/05/22 16:02	1
Total BTEX Method: 8015 NM - Diesel Range			0.00404	0.00102	mg/Kg			07/05/22 16:02	1
• •	Organics (DR		0.00404 RL	0.00102		D	Prepared	07/05/22 16:02 Analyzed	1 Dil Fac
: Method: 8015 NM - Diesel Range	Organics (DR	O) (GC) Qualifier				<u>D</u>	Prepared		
Method: 8015 NM - Diesel Range Analyte	Organics (DR) Result 46.8	O) (GC) Qualifier J	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	·
Method: 8015 NM - Diesel Range Analyte Total TPH	Organics (DR) Result 46.8	O) (GC) Qualifier J	RL	MDL 15.0	Unit	D_	Prepared Prepared	Analyzed	·
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang	Organics (DR) Result 46.8	O) (GC) Qualifier J RO) (GC) Qualifier	RL 50.0	MDL 15.0	Unit mg/Kg	=		Analyzed 07/05/22 11:42	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	e Organics (DR Result 46.8 ge Organics (DR Result	Qualifier J RO) (GC) Qualifier J *1	RL 50.0	MDL 15.0 MDL	Unit mg/Kg	=	Prepared	Analyzed 07/05/22 11:42 Analyzed	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10	e Organics (DR Result 46.8 ge Organics (D Result 26.6	Qualifier J RO) (GC) Qualifier J *1	RL 50.0	MDL 15.0	Unit mg/Kg Unit mg/Kg	=	Prepared 07/01/22 11:24	Analyzed 07/05/22 11:42 Analyzed 07/04/22 04:10	Dil Fac Dil Fac 1
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	e Organics (DR Result 46.8 ge Organics (D Result 26.6	Qualifier J RO) (GC) Qualifier J *1	RL 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg	=	Prepared 07/01/22 11:24	Analyzed 07/05/22 11:42 Analyzed 07/04/22 04:10	Dil Fac Dil Fac 1
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	e Organics (DR Result 46.8 ge Organics (DR Result 26.6	Qualifier J RO) (GC) Qualifier J *1	RL 50.0 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	=	Prepared 07/01/22 11:24 07/01/22 11:24	Analyzed 07/05/22 11:42 Analyzed 07/04/22 04:10 07/04/22 04:10	Dil Fac Dil Fac 1
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	e Organics (DR Result 46.8 ge Organics (DR Result 26.6	O) (GC) Qualifier J RO) (GC) Qualifier J*1 U J B	RL 50.0 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	=	Prepared 07/01/22 11:24 07/01/22 11:24	Analyzed 07/05/22 11:42 Analyzed 07/04/22 04:10 07/04/22 04:10	Dil Fac Dil Fac 1
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ge Organics (DR) Result 46.8 ge Organics (Di) Result 26.6 <15.0 20.2	O) (GC) Qualifier J RO) (GC) Qualifier J*1 U J B	RL 50.0 50.0 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	=	Prepared 07/01/22 11:24 07/01/22 11:24 07/01/22 11:24	Analyzed 07/05/22 11:42 Analyzed 07/04/22 04:10 07/04/22 04:10 07/04/22 04:10	Dil Fac Dil Fac 1 1 1

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SDG: Eddy Co NM

Project/Site: Bellatrix 28 Fed 01H Client Sample ID: S-19A

Client: Talon/LPE

Lab Sample ID: 880-16516-13

Matrix: Solid

Date Collected: 06/30/22 13:08 Date Received: 07/01/22 08:12

Method: 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
l	Chloride	7.03		4.97	0.853	mg/Kg			07/02/22 23:11	1

Client Sample ID: S-20A Lab Sample ID: 880-16516-14 Date Collected: 06/30/22 13:05 Matrix: Solid

Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/01/22 12:23	07/02/22 15:54	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		07/01/22 12:23	07/02/22 15:54	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		07/01/22 12:23	07/02/22 15:54	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:23	07/02/22 15:54	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		07/01/22 12:23	07/02/22 15:54	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:23	07/02/22 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				07/01/22 12:23	07/02/22 15:54	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/01/22 12:23	07/02/22 15:54	1

Method: Total BTEX - Total BTEX C	alculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			07/05/22 16:02	1

Method: 6015 MM - Diesel Kange O	rganics (DRC)) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	42.3	J	50.0	15.0	mg/Kg			07/05/22 11:42	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.6	J *1	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 04:30	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 04:30	1
Oll Range Organics (Over C28-C36)	19.7	JB	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 04:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	07/01/22 11:24	07/04/22 04:30	1
o-Terphenyl	85		70 - 130	07/01/22 11:24	07/04/22 04:30	1

Method: 300.0 - Anions, Ion Chrom	atography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.6	4.98	0.855 mg/Kg			07/02/22 23:38	1

Lab Sample ID: 880-16516-15 Client Sample ID: S-21A Date Collected: 06/30/22 13:02 **Matrix: Solid**

Date Received: 07/01/22 08:12

Method: 8021B - Volatile Orga	inic Compounds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		07/01/22 12:23	07/02/22 16:14	1
Toluene	< 0.000453	U	0.00199	0.000453	mg/Kg		07/01/22 12:23	07/02/22 16:14	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		07/01/22 12:23	07/02/22 16:14	1

Client: Talon/LPE

Job ID: 880-16516-1

Project/Site: Bellatrix 28 Fed 01H

SDG: Eddy Co NM

Client Sample ID: S-21A Lab Sample ID: 880-16516-15

Date Collected: 06/30/22 13:02 Matrix: Solid
Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		07/01/22 12:23	07/02/22 16:14	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		07/01/22 12:23	07/02/22 16:14	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		07/01/22 12:23	07/02/22 16:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				07/01/22 12:23	07/02/22 16:14	1
1,4-Difluorobenzene (Surr)	94		70 - 130				07/01/22 12:23	07/02/22 16:14	1
Method: Total BTEX - Total B1	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			07/05/22 16:02	1
Mathada 0045 NM Diagal Day	Oi (DD)	0) (00)							
Method: 8015 NM - Diesel Rar	• • •	, , ,				_			
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18.9	J	49.9	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Ra	ange Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<15.0	U *1	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 04:50	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 04:50	1
C10-C28)									
Oll Range Organics (Over	18.9	JB	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 04:50	1
C28-C36)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
			70 - 130				07/01/22 11:24	07/04/22 04:50	
1-Chlorooctane	87		70 - 130				07/01/22 11.24	07/04/22 04.30	,

Method: 300.0 - Anions, Ion Chron	natography - S	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	201		4.95	0.850	mg/Kg			07/02/22 23:48	1

Client Sample ID: S-22A

Date Collected: 06/30/22 13:00

Matrix: Solid

Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/01/22 12:23	07/02/22 16:35	1
Toluene	< 0.000455	U	0.00200	0.000455	mg/Kg		07/01/22 12:23	07/02/22 16:35	1
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		07/01/22 12:23	07/02/22 16:35	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:23	07/02/22 16:35	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		07/01/22 12:23	07/02/22 16:35	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:23	07/02/22 16:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				07/01/22 12:23	07/02/22 16:35	1
1,4-Difluorobenzene (Surr)	87		70 - 130				07/01/22 12:23	07/02/22 16:35	1
Method: Total BTEX - Total BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	П	0.00399	0.00101	mg/Kg			07/05/22 16:02	

Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: S-22A

Date Collected: 06/30/22 13:00 Date Received: 07/01/22 08:12

Project/Site: Bellatrix 28 Fed 01H

Lab Sample ID: 880-16516-16

Matrix: Solid

Amalusta	Deculé	Ouglifien	DI.	MDI	I Imile		Duamanad	Amalumad	Dil Fac
Analyte	Kesuit	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	39.1	J	50.0	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Ra	nge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	20.6	J *1	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 05:10	1
Diesel Range Organics (Over	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 05:10	1
C10-C28)									
Oll Range Organics (Over	18.5	JB	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 05:10	1
C28-C36)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				07/01/22 11:24	07/04/22 05:10	1
o-Terphenyl	83		70 - 130				07/01/22 11:24	07/04/22 05:10	1
Method: 300.0 - Anions, Ion Ch	romatography -	Soluble							
•	0.,	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte									

Lab Sample ID: 880-16516-17 Client Sample ID: S-23A

Date Collected: 06/30/22 12:58

Matrix: Solid

	nic Compounds ((GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	0.000525	J	0.00198	0.000382	mg/Kg		07/01/22 12:23	07/02/22 16:55	
Toluene	0.000667	J	0.00198	0.000452	mg/Kg		07/01/22 12:23	07/02/22 16:55	
Ethylbenzene	0.00114	J	0.00198	0.000561	mg/Kg		07/01/22 12:23	07/02/22 16:55	
m-Xylene & p-Xylene	0.00192	J	0.00397	0.00100	mg/Kg		07/01/22 12:23	07/02/22 16:55	
o-Xylene	0.00306		0.00198	0.000341	mg/Kg		07/01/22 12:23	07/02/22 16:55	
Xylenes, Total	0.00498		0.00397	0.00100	mg/Kg		07/01/22 12:23	07/02/22 16:55	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	72		70 - 130				07/01/22 12:23	07/02/22 16:55	
1,4-Difluorobenzene (Surr)	12	S1-	70 ₋ 130				07/01/22 12:23	07/02/22 16:55	
Method: Total BTEX - Total BT Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	Result 0.00731	Qualifier	0.00397	0.00100		— –	Prepared	07/05/22 16:02	Dil Fa
Method: 8015 NM - Diesel Ran Analyte	• • •	O) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	36.8	J	50.0	15.0	mg/Kg			07/05/22 11:42	
: Method: 8015B NM - Diesel Ra	ange Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	18.5	J *1	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 05:31	
Diesel Range Organics (Over	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 05:31	
C10-C28)									
C10-C28) Oll Range Organics (Over	18.3	JB	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 05:31	

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C28-C36)

7/5/2022

SDG: Eddy Co NM

Project/Site: Bellatrix 28 Fed 01H Client Sample ID: S-23A

Date Received: 07/01/22 08:12

Client: Talon/LPE

Lab Sample ID: 880-16516-17 Date Collected: 06/30/22 12:58

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	07/01/22 11:24	07/04/22 05:31	1
o-Terphenyl	91		70 - 130	07/01/22 11:24	07/04/22 05:31	1

Method: 300.0 - Anions, Ion Chroma	tography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.4		4.95	0.850	mg/Kg			07/03/22 00:06	1

Client Sample ID: S-24A Lab Sample ID: 880-16516-18

Date Collected: 06/30/22 12:55 Matrix: Solid

Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		07/01/22 12:23	07/02/22 17:16	1
Toluene	0.000474	J	0.00199	0.000454	mg/Kg		07/01/22 12:23	07/02/22 17:16	1
Ethylbenzene	< 0.000563	U	0.00199	0.000563	mg/Kg		07/01/22 12:23	07/02/22 17:16	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		07/01/22 12:23	07/02/22 17:16	1
o-Xylene	< 0.000343	U	0.00199	0.000343	mg/Kg		07/01/22 12:23	07/02/22 17:16	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		07/01/22 12:23	07/02/22 17:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				07/01/22 12:23	07/02/22 17:16	1
1,4-Difluorobenzene (Surr)	96		70 - 130				07/01/22 12:23	07/02/22 17:16	1
Method: Total BTEX - Total B	ΓEX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			07/05/22 16:02	1
	• •	, ,							
Method: 8015 NM - Diesel Rar Analyte	• •	O) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	• •	Qualifier	RL 50.0		Unit mg/Kg	<u>D</u>	Prepared	Analyzed 07/05/22 11:42	Dil Fac
Analyte Total TPH	Result 17.8	Qualifier J				<u> </u>	Prepared		Dil Fac
Analyte Total TPH : Method: 8015B NM - Diesel R	Result 17.8 ange Organics (Di	Qualifier J		15.0		<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: 8015B NM - Diesel Ranalyte Gasoline Range Organics	Result 17.8 ange Organics (Di	Qualifier J RO) (GC) Qualifier	50.0	15.0	mg/Kg			07/05/22 11:42	1
Analyte Total TPH Method: 8015B NM - Diesel Re Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 17.8 ange Organics (DI Result	Qualifier J RO) (GC) Qualifier U *1	50.0	15.0 MDL 15.0	mg/Kg		Prepared	07/05/22 11:42 Analyzed	Dil Fac
Analyte	Result 17.8 ange Organics (DI Result < 15.0	Qualifier J RO) (GC) Qualifier U*1	50.0 RL 50.0	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg		Prepared 07/01/22 11:24	07/05/22 11:42 Analyzed 07/04/22 05:51	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Ranalyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 17.8	Qualifier J RO) (GC) Qualifier U*1 U JB	50.0 RL 50.0 50.0	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:24 07/01/22 11:24	07/05/22 11:42 Analyzed 07/04/22 05:51 07/04/22 05:51	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Re Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	Result 17.8	Qualifier J RO) (GC) Qualifier U*1 U JB	50.0 RL 50.0 50.0	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:24 07/01/22 11:24 07/01/22 11:24	Analyzed 07/04/22 05:51 07/04/22 05:51	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Re Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 17.8	Qualifier J RO) (GC) Qualifier U*1 U JB	50.0 RL 50.0 50.0 50.0	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:24 07/01/22 11:24 07/01/22 11:24 Prepared	Analyzed 07/04/22 05:51 07/04/22 05:51 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Re Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 17.8	Qualifier J RO) (GC) Qualifier U *1 U J B Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:24 07/01/22 11:24 07/01/22 11:24 Prepared 07/01/22 11:24	Analyzed 07/04/22 05:51 07/04/22 05:51 Analyzed 07/04/22 05:51	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Analyte Total TPH Method: 8015B NM - Diesel Re Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 17.8	Qualifier J RO) (GC) Qualifier U *1 U J B Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	15.0 MDL 15.0 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 07/01/22 11:24 07/01/22 11:24 07/01/22 11:24 Prepared 07/01/22 11:24	Analyzed 07/04/22 05:51 07/04/22 05:51 Analyzed 07/04/22 05:51	1 Dil Fac 1 1 1 1 Dil Fac 1 1

Project/Site: Bellatrix 28 Fed 01H

Date Received: 07/01/22 08:12

Client: Talon/LPE

Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: S-25A Lab Sample ID: 880-16516-19 Date Collected: 06/30/22 12:52

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000389	J	0.00199	0.000383	mg/Kg		07/01/22 12:23	07/02/22 17:36	
Toluene	0.00107	J	0.00199	0.000453	mg/Kg		07/01/22 12:23	07/02/22 17:36	•
Ethylbenzene	0.00157	J	0.00199	0.000562	mg/Kg		07/01/22 12:23	07/02/22 17:36	1
m-Xylene & p-Xylene	0.00130	J	0.00398	0.00100	mg/Kg		07/01/22 12:23	07/02/22 17:36	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		07/01/22 12:23	07/02/22 17:36	1
Xylenes, Total	0.00130	J	0.00398	0.00100	mg/Kg		07/01/22 12:23	07/02/22 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	58	S1-	70 - 130				07/01/22 12:23	07/02/22 17:36	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/01/22 12:23	07/02/22 17:36	1
Method: Total BTEX - Total B	ΓEX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00433		0.00398	0.00100	mg/Kg			07/05/22 16:02	1
Method: 8015 NM - Diesel Rar	nge Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	40.6	J	49.9	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Ra	ange Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23.3	J *1	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 06:12	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 06:12	1
Oll Range Organics (Over C28-C36)	17.3	JB	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 06:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				07/01/22 11:24	07/04/22 06:12	1
o-Terphenyl	94		70 - 130				07/01/22 11:24	07/04/22 06:12	1
Method: 300.0 - Anions, Ion C	hromatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: S-26A Lab Sample ID: 880-16516-20 Date Collected: 06/30/22 12:50 Matrix: Solid

Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg		07/01/22 12:23	07/02/22 17:57	1
Toluene	< 0.000457	U	0.00200	0.000457	mg/Kg		07/01/22 12:23	07/02/22 17:57	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg		07/01/22 12:23	07/02/22 17:57	1
m-Xylene & p-Xylene	<0.00101	U	0.00401	0.00101	mg/Kg		07/01/22 12:23	07/02/22 17:57	1
o-Xylene	< 0.000345	U	0.00200	0.000345	mg/Kg		07/01/22 12:23	07/02/22 17:57	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg		07/01/22 12:23	07/02/22 17:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				07/01/22 12:23	07/02/22 17:57	1
1,4-Difluorobenzene (Surr)	79		70 - 130				07/01/22 12:23	07/02/22 17:57	1

Project/Site: Bellatrix 28 Fed 01H

Date Received: 07/01/22 08:12

Client: Talon/LPE

Job ID: 880-16516-1

07/03/22 00:34

SDG: Eddy Co NM

Client Sample ID: S-26A Lab Sample ID: 880-16516-20 Date Collected: 06/30/22 12:50

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg			07/05/22 16:02	1
- Method: 8015 NM - Diesel Ran	ge Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	40.0	J	50.0	15.0	mg/Kg			07/05/22 11:42	1
- Method: 8015B NM - Diesel Ra	ange Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21.8	J *1	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 06:32	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 06:32	1
Oll Range Organics (Over C28-C36)	18.2	JB	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 06:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				07/01/22 11:24	07/04/22 06:32	1
o-Terphenyl	97		70 - 130				07/01/22 11:24	07/04/22 06:32	1
Method: 300.0 - Anions, Ion C	hromatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: S-27A Lab Sample ID: 880-16516-21 Date Collected: 06/30/22 13:35 **Matrix: Solid**

5.00

12.1

0.858 mg/Kg

Date Received: 07/01/22 08:12

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/01/22 12:27	07/04/22 16:41	1
Toluene	< 0.000455	U	0.00200	0.000455	mg/Kg		07/01/22 12:27	07/04/22 16:41	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		07/01/22 12:27	07/04/22 16:41	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:27	07/04/22 16:41	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		07/01/22 12:27	07/04/22 16:41	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:27	07/04/22 16:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				07/01/22 12:27	07/04/22 16:41	1
1,4-Difluorobenzene (Surr)	98		70 - 130				07/01/22 12:27	07/04/22 16:41	1
		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte			RL 0.00399	MDL 0.00101	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 07/05/22 16:02	Dil Fac
Analyte Total BTEX	Result <0.00101	U				<u>D</u>	Prepared		Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Rar	Result <0.00101 nge Organics (DR)	U		0.00101		<u>D</u>	Prepared Prepared		1
Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte	Result <0.00101 nge Organics (DR)	U (GC)	0.00399	0.00101 MDL	mg/Kg		<u> </u>	07/05/22 16:02	1
Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH	Result <0.00101 nge Organics (DR Result 53.2	O) (GC) Qualifier	0.00399 RL	0.00101 MDL	mg/Kg		<u> </u>	07/05/22 16:02 Analyzed	1
Method: Total BTEX - Total BTAnalyte Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Rar Analyte	Result <0.00101 nge Organics (DR Result 53.2 ange Organics (D	O) (GC) Qualifier	0.00399 RL	0.00101 MDL 15.0	mg/Kg		<u> </u>	07/05/22 16:02 Analyzed	Dil Fac Dil Fac Dil Fac

Client Sample Results

Client: Talon/LPE Job ID: 880-16516-1
Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Client Sample ID: S-27A Lab Sample ID: 880-16516-21

Date Collected: 06/30/22 13:35

Date Received: 07/01/22 08:12

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	25.5	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/03/22 23:06	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:27	07/03/22 23:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				07/01/22 11:27	07/03/22 23:06	1
o-Terphenyl	99		70 ₋ 130				07/01/22 11:27	07/03/22 23:06	1

	Method: 300.0 - Anions, Ion Chromatography - Soluble									
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
l	Chloride	114		4.96	0.851	mg/Kg			07/03/22 07:10	1

Client Sample ID: S-28A Lab Sample ID: 880-16516-22

Date Collected: 06/30/22 13:38 Matrix: Solid
Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		07/01/22 12:27	07/04/22 17:02	-
Toluene	< 0.000454	U	0.00199	0.000454	mg/Kg		07/01/22 12:27	07/04/22 17:02	
Ethylbenzene	< 0.000563	U	0.00199	0.000563	mg/Kg		07/01/22 12:27	07/04/22 17:02	
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		07/01/22 12:27	07/04/22 17:02	1
o-Xylene	< 0.000343	U	0.00199	0.000343	mg/Kg		07/01/22 12:27	07/04/22 17:02	
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		07/01/22 12:27	07/04/22 17:02	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	114		70 - 130				07/01/22 12:27	07/04/22 17:02	
1,4-Difluorobenzene (Surr)	100		70 - 130				07/01/22 12:27	07/04/22 17:02	
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00101	U	0.00398	0.00101	mg/Kg			07/05/22 16:02	
Method: 8015 NM - Diesel Range	Organics (DR)	o) (GC)			0 0				
Method: 8015 NM - Diesel Range Analyte		O) (GC) Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
		Qualifier				<u>D</u>	Prepared		
Analyte	Result 47.5	Qualifier J	RL	MDL	Unit	<u> </u>	Prepared	Analyzed	
Analyte Total TPH	Result 47.5	Qualifier J	RL	MDL	Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed	1
Analyte Total TPH Method: 8015B NM - Diesel Rang	Result 47.5	Qualifier J RO) (GC) Qualifier	RL 50.0	MDL 15.0 MDL	Unit mg/Kg	<u> </u>		Analyzed 07/05/22 11:42	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result 47.5 ge Organics (Dige Result	Qualifier J RO) (GC) Qualifier J B	RL 50.0	MDL 15.0	Unit mg/Kg	<u> </u>	Prepared	Analyzed 07/05/22 11:42 Analyzed	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 47.5 ge Organics (Dige Result 26.6	Qualifier J RO) (GC) Qualifier J B J B	RL 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg	<u> </u>	Prepared 07/01/22 11:27	Analyzed 07/05/22 11:42 Analyzed 07/04/22 00:09	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 47.5 ge Organics (Dige Result 26.6 20.9	Qualifier J RO) (GC) Qualifier J B J B	RL 50.0 RL 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 07/01/22 11:27 07/01/22 11:27	Analyzed 07/05/22 11:42 Analyzed 07/04/22 00:09 07/04/22 00:09	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 47.5 ge Organics (Di Result 26.6 20.9 <15.0	Qualifier J RO) (GC) Qualifier J B J B	RL 50.0 50.0 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 07/01/22 11:27 07/01/22 11:27	Analyzed 07/05/22 11:42 Analyzed 07/04/22 00:09 07/04/22 00:09 07/04/22 00:09	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 47.5	Qualifier J RO) (GC) Qualifier J B J B	RL 50.0 RL 50.0 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27 Prepared	Analyzed 07/05/22 11:42 Analyzed 07/04/22 00:09 07/04/22 00:09 Analyzed	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 47.5	Qualifier J RO) (GC) Qualifier J B J B U Qualifier	RL 50.0 RL 50.0 50.0 50.0 Limits 70 - 130	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27 Prepared 07/01/22 11:27	Analyzed 07/05/22 11:42 Analyzed 07/04/22 00:09 07/04/22 00:09 Analyzed 07/04/22 00:09	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 47.5	Qualifier J RO) (GC) Qualifier J B J B U Qualifier	RL 50.0 RL 50.0 50.0 50.0 Limits 70 - 130	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	<u> </u>	Prepared 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27 Prepared 07/01/22 11:27	Analyzed 07/05/22 11:42 Analyzed 07/04/22 00:09 07/04/22 00:09 Analyzed 07/04/22 00:09	Dil Fac

Client: Talon/LPE Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Client Sample ID: S-29A Lab Sample ID: 880-16516-23

Date Collected: 06/30/22 13:40 Matrix: Solid Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000522	J	0.00200	0.000385	mg/Kg		07/01/22 12:27	07/04/22 17:22	1
Toluene	0.00117	J	0.00200	0.000456	mg/Kg		07/01/22 12:27	07/04/22 17:22	1
Ethylbenzene	0.00138	J	0.00200	0.000565	mg/Kg		07/01/22 12:27	07/04/22 17:22	1
m-Xylene & p-Xylene	0.00229	J	0.00400	0.00101	mg/Kg		07/01/22 12:27	07/04/22 17:22	1
o-Xylene	0.00206		0.00200	0.000344	mg/Kg		07/01/22 12:27	07/04/22 17:22	1
Xylenes, Total	0.00435		0.00400	0.00101	mg/Kg		07/01/22 12:27	07/04/22 17:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				07/01/22 12:27	07/04/22 17:22	1
1,4-Difluorobenzene (Surr)	100		70 - 130				07/01/22 12:27	07/04/22 17:22	1
Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00742		0.00400	0.00101	mg/Kg			07/05/22 16:02	1
- Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.8		49.9	15.0	mg/Kg			07/05/22 11:42	1
- Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	27.4			45.0	mg/Kg		07/01/22 11:27		Dil Fac
(GRO)-C6-C10	21.4	JB	49.9	15.0	9/119		07/01/22 11.27	07/04/22 00:29	
Diesel Range Organics (Over	24.4		49.9 49.9		mg/Kg		07/01/22 11:27	07/04/22 00:29	1
		JB		15.0					
Diesel Range Organics (Over C10-C28)	24.4	JB U	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 00:29	1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	24.4 <15.0	JB U	49.9 49.9	15.0	mg/Kg		07/01/22 11:27 07/01/22 11:27	07/04/22 00:29 07/04/22 00:29	1 1 Dil Fac
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	24.4 <15.0 %Recovery	JB U	49.9 49.9 <i>Limits</i>	15.0	mg/Kg		07/01/22 11:27 07/01/22 11:27 Prepared	07/04/22 00:29 07/04/22 00:29 Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	24.4 <15.0 **Recovery 108 107	J B U Qualifier	49.9 49.9 <u>Limits</u> 70 - 130	15.0	mg/Kg		07/01/22 11:27 07/01/22 11:27 Prepared 07/01/22 11:27	07/04/22 00:29 07/04/22 00:29 Analyzed 07/04/22 00:29	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) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	24.4 <15.0 **Recovery 108 107 pmatography -	J B U Qualifier	49.9 49.9 <u>Limits</u> 70 - 130	15.0 15.0	mg/Kg	D	07/01/22 11:27 07/01/22 11:27 Prepared 07/01/22 11:27	07/04/22 00:29 07/04/22 00:29 Analyzed 07/04/22 00:29	1 1 Dil Fac

Client Sample ID: S-30A Lab Sample ID: 880-16516-24 Date Collected: 06/30/22 13:42 **Matrix: Solid**

Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U	0.00202	0.000388	mg/Kg		07/01/22 12:27	07/04/22 17:43	1
Toluene	<0.000460	U	0.00202	0.000460	mg/Kg		07/01/22 12:27	07/04/22 17:43	1
Ethylbenzene	<0.000570	U	0.00202	0.000570	mg/Kg		07/01/22 12:27	07/04/22 17:43	1
m-Xylene & p-Xylene	<0.00102	U	0.00403	0.00102	mg/Kg		07/01/22 12:27	07/04/22 17:43	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg		07/01/22 12:27	07/04/22 17:43	1
Xylenes, Total	<0.00102	U	0.00403	0.00102	mg/Kg		07/01/22 12:27	07/04/22 17:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 _ 130				07/01/22 12:27	07/04/22 17:43	1
1,4-Difluorobenzene (Surr)	98		70 - 130				07/01/22 12:27	07/04/22 17:43	1

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1 SDG: Eddy Co NM

Client Sample ID: S-30A

Date Collected: 06/30/22 13:42 Date Received: 07/01/22 08:12 Lab Sample ID: 880-16516-24

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00403	0.00102	mg/Kg			07/05/22 16:02	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.4		49.8	14.9	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	25.7	J B	49.8	14.9	mg/Kg		07/01/22 11:27	07/04/22 00:49	1
(GRO)-C6-C10									
Diesel Range Organics (Over	25.7	JB	49.8	14.9	mg/Kg		07/01/22 11:27	07/04/22 00:49	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		07/01/22 11:27	07/04/22 00:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				07/01/22 11:27	07/04/22 00:49	1
o-Terphenyl	108		70 - 130				07/01/22 11:27	07/04/22 00:49	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		5.00	0.858	mg/Kg			07/03/22 07:56	

Client Sample ID: S-31A Lab Sample ID: 880-16516-25

Date Collected: 06/30/22 13:46

Date Received: 07/01/22 08:12

Released to Imaging: 7/3/2023 10:37:42 AM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		07/01/22 12:27	07/04/22 18:03	1
Toluene	< 0.000459	U	0.00201	0.000459	mg/Kg		07/01/22 12:27	07/04/22 18:03	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		07/01/22 12:27	07/04/22 18:03	1
m-Xylene & p-Xylene	<0.00102	U	0.00402	0.00102	mg/Kg		07/01/22 12:27	07/04/22 18:03	1
o-Xylene	< 0.000346	U	0.00201	0.000346	mg/Kg		07/01/22 12:27	07/04/22 18:03	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		07/01/22 12:27	07/04/22 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				07/01/22 12:27	07/04/22 18:03	1
	00		70 - 130				07/01/22 12:27	07/04/22 18:03	1
		Qualifier	70 - 730 RL	MDL	Unit	D			
• ' ' '			70 - 130				07/01/22 12.27	01704722 10.03	,
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT Analyte Total BTEX	EX Calculation			MDL 0.00102		<u>D</u>	Prepared	Analyzed 07/05/22 16:02	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX	CEX Calculation Result <0.00102	U	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte	EX Calculation Result <0.00102 ge Organics (DR	U	RL	0.00102		<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran	EX Calculation Result <0.00102 ge Organics (DR	U (GC)	RL 0.00402	0.00102	mg/Kg		Prepared	Analyzed 07/05/22 16:02	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte	Result	O) (GC) Qualifier	RL 0.00402	0.00102 MDL	mg/Kg		Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH	Result	O) (GC) Qualifier	RL 0.00402	0.00102 MDL 15.0	mg/Kg		Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ra	Result	O) (GC) Qualifier RO) (GC) Qualifier	RL 0.00402	0.00102 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 07/05/22 16:02 Analyzed 07/05/22 11:42	Dil Fac

Eurofins Midland

Matrix: Solid

SDG: Eddy Co NM

Client Sample ID: S-31A

Project/Site: Bellatrix 28 Fed 01H

Client: Talon/LPE

Lab Sample ID: 880-16516-25 Date Collected: 06/30/22 13:46 Date Received: 07/01/22 08:12

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:27	07/04/22 01:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				07/01/22 11:27	07/04/22 01:09	1
o-Terphenyl	101		70 - 130				07/01/22 11:27	07/04/22 01:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Analyzed Dil Fac Prepared 212 4.95 0.850 mg/Kg 07/03/22 08:05 Chloride

Client Sample ID: S-32A Lab Sample ID: 880-16516-26

Date Collected: 06/30/22 13:44 **Matrix: Solid**

Method: 8021B - Volatile Organic Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384		0.00200	0.000384	mg/Kg		07/01/22 12:27	07/04/22 18:24	1
Toluene	<0.000364		0.00200	0.000364	mg/Kg		07/01/22 12:27	07/04/22 18:24	1
Ethylbenzene	<0.000433		0.00200	0.000455			07/01/22 12:27	07/04/22 18:24	1
	<0.000304		0.00200				07/01/22 12:27	07/04/22 18:24	
m-Xylene & p-Xylene	<0.00101				0 0		07/01/22 12:27	07/04/22 18:24	
o-Xylene			0.00200	0.000343	0 0				1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:27	07/04/22 18:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				07/01/22 12:27	07/04/22 18:24	1
1,4-Difluorobenzene (Surr)	98		70 - 130				07/01/22 12:27	07/04/22 18:24	1
Mothed: Total DTEV Total DTE	V Calaulation								
Method: Total BTEX - Total BTEX		Qualifier		MDI	1114	D	Danasasas	A	Dil Fac
			RL	MDL 0.00101		— -	Prepared	Analyzed	
	<0.00101		0.00399	0.00101		_ -	Prepared	07/05/22 16:02	
Analyte Total BTEX : Method: 8015 NM - Diesel Range	<0.00101 e Organics (DR	U (GC)	0.00399	0.00101	mg/Kg		<u> </u>	07/05/22 16:02	1
Total BTEX Method: 8015 NM - Diesel Range	<0.00101 e Organics (DR	U	0.00399 RL	0.00101 MDL	mg/Kg	<u>D</u>	Prepared	07/05/22 16:02 Analyzed	
Total BTEX Method: 8015 NM - Diesel Range Analyte	<0.00101 e Organics (DR	O) (GC) Qualifier	0.00399	0.00101	mg/Kg		<u> </u>	07/05/22 16:02	1 Dil Fac
Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH	<0.00101 Organics (DR) Result 22.8	O) (GC) Qualifier J	0.00399 RL	0.00101 MDL	mg/Kg		<u> </u>	07/05/22 16:02 Analyzed	1 Dil Fac
Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang	<0.00101 e Organics (DR) Result 22.8 ge Organics (DI)	O) (GC) Qualifier J	0.00399 RL	0.00101 MDL 15.0	mg/Kg		<u> </u>	07/05/22 16:02 Analyzed	Dil Fac
Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics	<0.00101 e Organics (DR) Result 22.8 ge Organics (DI)	O) (GC) Qualifier J RO) (GC) Qualifier	0.00399 RL 49.9	0.00101 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	07/05/22 16:02 Analyzed 07/05/22 11:42	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10	<0.00101 e Organics (DR) Result 22.8 ge Organics (D) Result	O) (GC) Qualifier J RO) (GC) Qualifier J B	0.00399 RL 49.9	0.00101 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	07/05/22 16:02 Analyzed 07/05/22 11:42 Analyzed	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<0.00101 e Organics (DR) Result 22.8 ge Organics (D) Result 22.8	O) (GC) Qualifier J RO) (GC) Qualifier J B	0.00399 RL 49.9 RL 49.9	0.00101 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared 07/01/22 11:27	07/05/22 16:02 Analyzed 07/05/22 11:42 Analyzed 07/04/22 01:30	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<0.00101 e Organics (DR) Result 22.8 ge Organics (D) Result 22.8	U O) (GC) Qualifier J RO) (GC) Qualifier J B	0.00399 RL 49.9 RL 49.9	0.00101 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared 07/01/22 11:27	07/05/22 16:02 Analyzed 07/05/22 11:42 Analyzed 07/04/22 01:30	Dil Face
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<0.00101 e Organics (DR) Result 22.8 ge Organics (D) Result 22.8 <15.0	U O) (GC) Qualifier J RO) (GC) Qualifier J B U	0.00399 RL 49.9 RL 49.9	0.00101 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 07/01/22 11:27 07/01/22 11:27	Analyzed 07/05/22 11:42 Analyzed 07/04/22 01:30 07/04/22 01:30	1
Total BTEX	<0.00101 e Organics (DR) Result 22.8 ge Organics (D) Result 22.8 <15.0 <15.0	U O) (GC) Qualifier J RO) (GC) Qualifier J B U	RL 49.9 RL 49.9 49.9	0.00101 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared 07/01/22 11:27 07/01/22 11:27	Analyzed 07/05/22 11:42 Analyzed 07/05/22 11:42 Analyzed 07/04/22 01:30 07/04/22 01:30	Dil Fac

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Analyzed

07/03/22 08:33

RL

5.04

MDL Unit

0.865 mg/Kg

Prepared

Dil Fac

Analyte

Chloride

Method: 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

116

Job ID: 880-16516-1

Project/Site: Bellatrix 28 Fed 01H

Client Sample ID: NSW-2

Lab Sample ID: 880-16516-27

. Matrix: Solid

Date Collected: 06/30/22 13:10 Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.00198	0.000381	mg/Kg		07/01/22 12:27	07/04/22 18:44	1
Toluene	<0.000451	U	0.00198	0.000451	mg/Kg		07/01/22 12:27	07/04/22 18:44	1
Ethylbenzene	< 0.000559	U	0.00198	0.000559	mg/Kg		07/01/22 12:27	07/04/22 18:44	1
m-Xylene & p-Xylene	<0.00100	U	0.00396	0.00100	mg/Kg		07/01/22 12:27	07/04/22 18:44	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg		07/01/22 12:27	07/04/22 18:44	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg		07/01/22 12:27	07/04/22 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				07/01/22 12:27	07/04/22 18:44	1
1,4-Difluorobenzene (Surr)	95		70 - 130				07/01/22 12:27	07/04/22 18:44	1
Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total TPH	Result 49.4	Qualifier J	49.9	15.0	mg/Kg	<u>D</u>	Prepared	Analyzed 07/05/22 11:42	Dil Fac
Total TPH	49.4	J	49.9	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Rang	•								
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	27.6	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 01:49	1
Diesel Range Organics (Over C10-C28)	21.8	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 01:49	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 01:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				07/01/22 11:27	07/04/22 01:49	1
o-Terphenyl	96		70 - 130				07/01/22 11:27	07/04/22 01:49	1
Method: 300.0 - Anions, Ion Chro	0.,								
Method: 300.0 - Anions, Ion Chro Analyte	0.,	Soluble Qualifier	RL 4.99	MDL 0.857	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 07/03/22 08:42	Dil Fac

Client Sample ID: NSW-3

Date Collected: 06/30/22 13:52

Lab Sample ID: 880-16516-28

Matrix: Solid

Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		07/01/22 12:27	07/04/22 19:05	1
Toluene	< 0.000453	U	0.00199	0.000453	mg/Kg		07/01/22 12:27	07/04/22 19:05	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		07/01/22 12:27	07/04/22 19:05	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		07/01/22 12:27	07/04/22 19:05	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		07/01/22 12:27	07/04/22 19:05	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		07/01/22 12:27	07/04/22 19:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				07/01/22 12:27	07/04/22 19:05	1
1,4-Difluorobenzene (Surr)	98		70 - 130				07/01/22 12:27	07/04/22 19:05	1

Eurofins Midland

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Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: NSW-3 Lab Sample ID: 880-16516-28

Matrix: Solid

Date Collected: 06/30/22 13:52 Date Received: 07/01/22 08:12

Project/Site: Bellatrix 28 Fed 01H

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			07/05/22 16:02	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	49.8	J	50.0	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	28.7	J B	50.0	15.0	mg/Kg		07/01/22 11:27	07/04/22 02:10	1
(GRO)-C6-C10									
Diesel Range Organics (Over	21.1	JB	50.0	15.0	mg/Kg		07/01/22 11:27	07/04/22 02:10	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:27	07/04/22 02:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				07/01/22 11:27	07/04/22 02:10	1
o-Terphenyl	96		70 - 130				07/01/22 11:27	07/04/22 02:10	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.0		5.00	0.858	mg/Kg			07/03/22 08:52	

Client Sample ID: ESW-1 Lab Sample ID: 880-16516-29

Date Collected: 06/30/22 12:15

Date Received: 07/01/22 08:12

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			8.4		0 - 11 -	
			IVI	atrix:	Solid	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg		07/01/22 12:27	07/04/22 19:25	1
Toluene	< 0.000457	U	0.00200	0.000457	mg/Kg		07/01/22 12:27	07/04/22 19:25	1
Ethylbenzene	< 0.000566	U	0.00200	0.000566	mg/Kg		07/01/22 12:27	07/04/22 19:25	1
m-Xylene & p-Xylene	<0.00101	U	0.00401	0.00101	mg/Kg		07/01/22 12:27	07/04/22 19:25	1
o-Xylene	< 0.000345	U	0.00200	0.000345	mg/Kg		07/01/22 12:27	07/04/22 19:25	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg		07/01/22 12:27	07/04/22 19:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				07/01/22 12:27	07/04/22 19:25	1
	93		70 ₋ 130				07/01/22 12:27	07/04/22 19:25	1
	EX Calculation	Qualifier	70 - 730 RL	MDL	Unit	D	Prepared	Analyzed	
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT			70 - 100				07/01/22 12:21	0170-1122 13.23	·
-	EX Calculation			MDL 0.00101	Unit mg/Kg	<u>D</u>			Dil Fac
Method: Total BTEX - Total BTEA Analyte Total BTEX	EX Calculation Result <0.00101	U	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte	EX Calculation Result <0.00101 ge Organics (DR	U	RL		mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang	EX Calculation Result <0.00101 ge Organics (DR	U (GC)	RL 0.00401	0.00101	mg/Kg		Prepared	Analyzed 07/05/22 16:02	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte	EX Calculation Result <0.00101 ge Organics (DR) Result 55.7	O) (GC) Qualifier		0.00101 MDL	mg/Kg		Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH	EX Calculation Result <0.00101 ge Organics (DR) Result 55.7 nge Organics (D	O) (GC) Qualifier		0.00101 MDL	mg/Kg Unit mg/Kg		Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Ra	EX Calculation Result <0.00101 ge Organics (DR) Result 55.7 nge Organics (D	O) (GC) Qualifier RO) (GC) Qualifier	RL 0.00401 RL 49.9	0.00101 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 07/05/22 16:02 Analyzed 07/05/22 11:42	Dil Fac

SDG: Eddy Co NM

Client Sample ID: ESW-1 Date Collected: 06/30/22 12:15

Lab Sample ID: 880-16516-29 **Matrix: Solid**

Date Received: 07/01/22 08:12

Project/Site: Bellatrix 28 Fed 01H

Client: Talon/LPE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 02:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				07/01/22 11:27	07/04/22 02:30	1
o-Terphenyl	95		70 - 130				07/01/22 11:27	07/04/22 02:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit Dil Fac D Prepared Analyzed 4.98 07/03/22 09:01 0.855 mg/Kg Chloride 38.1

Client Sample ID: ESW-2 Lab Sample ID: 880-16516-30 Date Collected: 06/30/22 12:20 **Matrix: Solid**

Date Received: 07/01/22 08:12

Method: 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier MDL Unit Prepared Analyzed Dil Fac Benzene <0.000387 U 0.00201 0.000387 07/01/22 12:27 07/04/22 19:46 mg/Kg Toluene <0.000458 U 0.00201 0.000458 07/01/22 12:27 07/04/22 19:46 mg/Kg Ethylbenzene < 0.000567 0.00201 0.000567 07/01/22 12:27 07/04/22 19:46 mg/Kg m-Xylene & p-Xylene 07/01/22 12:27 07/04/22 19:46 0.00645 0.00402 0.00101 mg/Kg o-Xylene <0.000345 U 0.00201 0.000345 mg/Kg 07/01/22 12:27 07/04/22 19:46 0.00101 mg/Kg 0.00402 07/01/22 12:27 07/04/22 19:46 **Xylenes, Total** 0.00645 %Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 271 S1+ 70 - 130 07/01/22 12:27 4-Bromofluorobenzene (Surr) 07/04/22 19:46 1,4-Difluorobenzene (Surr) 251 S1+ 70 - 130 07/01/22 12:27 07/04/22 19:46

Method: Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00645		0.00402	0.00101	mg/Kg			07/05/22 16:02	1

Method: 8015 NM - Diesel Range C	rganics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1470		49.9	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Range	Organics (D	RO) (GC)							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	25.2	JR	49.9	15.0	ma/Ka		07/01/22 11:27	07/04/22 02:50	1

Surrogate	%Recovery Quali	fier Limits		Prepared	Analyzed	Dil Fac
C10-C28) Oll Range Organics (Over C28-C36)	<15.0 U	49.9	15.0 mg/Kg	07/01/22 11:27	07/04/22 02:50	1
Diesel Range Organics (Over	1440 B	49.9	15.0 mg/Kg	07/01/22 11:27	07/04/22 02:50	1

Method: 300.0 - Anions, Ion Chron	natography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	662		4.99	0.857	mg/Kg			07/03/22 09:10	1

70 - 130

106

Eurofins Midland

07/04/22 02:50

07/01/22 11:27

(GRO)-C6-C10

o-Terphenyl

Client: Talon/LPE Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Client Sample ID: ESW-3 Lab Sample ID: 880-16516-31

Date Collected: 06/30/22 13:12 Matrix: Solid Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/01/22 12:27	07/04/22 21:08	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		07/01/22 12:27	07/04/22 21:08	1
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		07/01/22 12:27	07/04/22 21:08	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:27	07/04/22 21:08	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		07/01/22 12:27	07/04/22 21:08	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:27	07/04/22 21:08	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	110		70 - 130				07/01/22 12:27	07/04/22 21:08	1
1,4-Difluorobenzene (Surr)	97		70 - 130				07/01/22 12:27	07/04/22 21:08	1
Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX - -	<0.00101	U	0.00399	0.00101	mg/Kg			07/05/22 16:02	1
Method: 8015 NM - Diesel Range		O) (GC) Qualifier	RL	MDL	l Init	D	Prepared	Analyzed	Dil Fac
Analyte		Qualifier	49.9				Prepareu	07/05/22 11:42	1
Total TPH	50.5		49.9	15.0	mg/Kg			07/05/22 11:42	'
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	16.0	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 03:30	1
Diesel Range Organics (Over C10-C28)	34.5	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 03:30	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 03:30	1
•	<15.0 %Recovery		49.9Limits	15.0	mg/Kg		07/01/22 11:27 Prepared	07/04/22 03:30 Analyzed	
Oll Range Organics (Over C28-C36)				15.0	mg/Kg				Dil Fac
Oll Range Organics (Over C28-C36) Surrogate	%Recovery		Limits	15.0	mg/Kg		Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	%Recovery 100 99	Qualifier	Limits 70 - 130	15.0	mg/Kg		Prepared 07/01/22 11:27	Analyzed 07/04/22 03:30	Dil Fac
Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	%Recovery 100 99 pmatography -	Qualifier	Limits 70 - 130	15.0 MDL		D	Prepared 07/01/22 11:27	Analyzed 07/04/22 03:30	Dil Fac

Client Sample ID: ESW-4 Lab Sample ID: 880-16516-32

Date Collected: 06/30/22 13:14 Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000389	U	0.00202	0.000389	mg/Kg		07/01/22 12:27	07/04/22 21:29	1
Toluene	< 0.000461	U	0.00202	0.000461	mg/Kg		07/01/22 12:27	07/04/22 21:29	1
Ethylbenzene	<0.000571	U	0.00202	0.000571	mg/Kg		07/01/22 12:27	07/04/22 21:29	1
m-Xylene & p-Xylene	<0.00102	U	0.00404	0.00102	mg/Kg		07/01/22 12:27	07/04/22 21:29	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg		07/01/22 12:27	07/04/22 21:29	1
Xylenes, Total	<0.00102	U	0.00404	0.00102	mg/Kg		07/01/22 12:27	07/04/22 21:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				07/01/22 12:27	07/04/22 21:29	1
1,4-Difluorobenzene (Surr)	96		70 - 130				07/01/22 12:27	07/04/22 21:29	1

Eurofins Midland

Matrix: Solid

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: ESW-4

Date Collected: 06/30/22 13:14 Date Received: 07/01/22 08:12 Lab Sample ID: 880-16516-32

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00404	0.00102	mg/Kg			07/05/22 16:02	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	49.5	J	49.9	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	19.8	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 03:50	1
(GRO)-C6-C10									
Diesel Range Organics (Over	29.7	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 03:50	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 03:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107	-	70 - 130				07/01/22 11:27	07/04/22 03:50	1
o-Terphenyl	106		70 - 130				07/01/22 11:27	07/04/22 03:50	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.7		5.00	0.858	mg/Kg			07/03/22 09:47	1

Client Sample ID: ESW-5

Date Collected: 06/30/22 13:55

Date Received: 07/01/22 08:12

Lab	Samp	le ID:	880-1	651	6-33	

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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/01/22 12:27	07/04/22 21:49	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		07/01/22 12:27	07/04/22 21:49	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		07/01/22 12:27	07/04/22 21:49	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:27	07/04/22 21:49	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		07/01/22 12:27	07/04/22 21:49	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:27	07/04/22 21:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				07/01/22 12:27	07/04/22 21:49	1
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BTEX C		Qualifian	70 ₋ 130	MDI	l lmi4		07/01/22 12:27	07/04/22 21:49	
-	alculation	Qualifier U	70 - 130 RL 0.00399	MDL 0.00101	Unit mg/Kg	<u>D</u>	07/01/22 12:27 Prepared	Analyzed 07/05/22 16:02	Dil Fac
Method: Total BTEX - Total BTEX Canalyte Total BTEX	alculation Result <0.00101	U	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTEX C	alculation Result <0.00101 rganics (DR	U	RL	0.00101		D		Analyzed	Dil Fac
Method: Total BTEX - Total BTEX Consideration of the Method: Total BTEX Method: 8015 NM - Diesel Range On	alculation Result <0.00101 rganics (DR	U (GC)	RL 0.00399	0.00101	mg/Kg		Prepared	Analyzed 07/05/22 16:02	Dil Fac
Method: Total BTEX - Total BTEX Constant of the Analyte Total BTEX Method: 8015 NM - Diesel Range On Analyte	alculation Result <0.00101 rganics (DR) Result 54.2	O) (GC) Qualifier	RL 0.00399 RL	0.00101 MDL	mg/Kg		Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fac
Method: Total BTEX - Total BTEX Contained and the second and the s	alculation Result <0.00101 rganics (DR) Result 54.2 Organics (DI)	O) (GC) Qualifier	RL 0.00399 RL	0.00101 MDL	mg/Kg Unit mg/Kg		Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fac
Method: Total BTEX - Total BTEX Consults Total BTEX Method: 8015 NM - Diesel Range On Analyte Total TPH Method: 8015B NM - Diesel Range (alculation Result <0.00101 rganics (DR) Result 54.2 Organics (D	O) (GC) Qualifier RO) (GC) Qualifier	RL 0.00399	0.00101 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 07/05/22 16:02 Analyzed 07/05/22 11:42	Dil Fac

Client: Talon/LPE Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Lab Sample ID: 880-16516-33 Client Sample ID: ESW-5

Date Collected: 06/30/22 13:55 **Matrix: Solid** Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:27	07/04/22 04:10	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	104		70 - 130				07/01/22 11:27	07/04/22 04:10	
o-Terphenyl	104		70 ₋ 130				07/01/22 11:27	07/04/22 04:10	

Analyte Result Qualifier RL MDL Unit D Dil Fac Prepared Analyzed 5.05 07/03/22 09:56 305 0.867 mg/Kg Chloride

Client Sample ID: SSW-1 Lab Sample ID: 880-16516-34 Date Collected: 06/30/22 12:35 **Matrix: Solid**

Date Received: 07/01/22 08:12

Total BTEX

Method: 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Benzene <0.000383 U 0.00199 0.000383 mg/Kg 07/01/22 12:27 07/04/22 22:10 Toluene <0.000453 U 0.00199 0.000453 07/01/22 12:27 07/04/22 22:10 mg/Kg Ethylbenzene <0.000562 U 0.00199 0.000562 07/01/22 12:27 07/04/22 22:10 mg/Kg 0.00100 mg/Kg 07/01/22 12:27 07/04/22 22:10 m-Xylene & p-Xylene <0.00100 U 0.00398 o-Xylene <0.000342 U 0.00199 0.000342 mg/Kg 07/01/22 12:27 07/04/22 22:10 Xylenes, Total <0.00100 U 0.00398 0.00100 mg/Kg 07/01/22 12:27 07/04/22 22:10 Limits Prepared Surrogate %Recovery Qualifier Analyzed Dil Fac 70 - 130 07/01/22 12:27 07/04/22 22:10 4-Bromofluorobenzene (Surr) 113

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	С
Method: Total BTEX - Total BTEX Calcula	ation									
1,4-Difluorobenzene (Surr)	95		70 - 130			O	7/01/22 12:27	07/04/22 22:10	7	1

0.00398

0.00100

mg/Kg

<0.00100 U

Method: 8015 NM - Diesel Rang	e Organics (DRC	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	61.6		50.0	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Rar	nge Organics (DF	RO) (GC)							
Analyte	Posult	Ouglifion	DI	MDI	Unit	n	Dronarod	Analyzed	Dil Fac

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	32.0	JB	50.0	15.0	mg/Kg		07/01/22 11:27	07/04/22 04:30	1
(GRO)-C6-C10									
Diesel Range Organics (Over	29.6	JB	50.0	15.0	mg/Kg		07/01/22 11:27	07/04/22 04:30	1
C10-C28)									
OII Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:27	07/04/22 04:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104	-	70 - 130				07/01/22 11:27	07/04/22 04:30	1

o-Terphenyl	100		70 - 130				07/01/22 11:27	07/04/22 04:30	1
Method: 300.0 - Anions, Ion Chrom	atography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	173		4.97	0.853	mg/Kg			07/03/22 10:24	1

Eurofins Midland

07/05/22 16:02

Client: Talon/LPE Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Client Sample ID: SSW-2 Lab Sample ID: 880-16516-35

Date Collected: 06/30/22 13:16 Matrix: Solid Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/01/22 12:27	07/04/22 22:31	1
Toluene	< 0.000455	U	0.00200	0.000455	mg/Kg		07/01/22 12:27	07/04/22 22:31	1
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		07/01/22 12:27	07/04/22 22:31	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:27	07/04/22 22:31	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		07/01/22 12:27	07/04/22 22:31	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:27	07/04/22 22:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				07/01/22 12:27	07/04/22 22:31	1
1,4-Difluorobenzene (Surr)	94		70 - 130				07/01/22 12:27	07/04/22 22:31	1
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: 8015 NM - Diesel Range Analyte	•	O) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total TPH	Result 58.4	Qualifier	RL 49.9	MDL 15.0	Unit mg/Kg	D	Prepared	Analyzed 07/05/22 11:42	Dil Fac
-	30.4		10.0	10.0	mg/rtg			01/00/22 11.12	
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	31.3	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 04:50	1
Diesel Range Organics (Over C10-C28)	27.1	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 04:50	
010-020)									1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 04:50	
•	<15.0 %Recovery		49.9	15.0	mg/Kg		07/01/22 11:27 Prepared	07/04/22 04:50 Analyzed	1 1 <i>Dil Fac</i>
OII Range Organics (Over C28-C36)				15.0	mg/Kg				1 Dil Fac
Oll Range Organics (Over C28-C36) Surrogate	%Recovery		Limits	15.0	mg/Kg		Prepared	Analyzed	1 Dil Fac
Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	% Recovery 100 97	Qualifier	Limits 70 - 130	15.0	mg/Kg		Prepared 07/01/22 11:27	Analyzed 07/04/22 04:50	1
Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	%Recovery 100 97 omatography -	Qualifier	Limits 70 - 130	15.0 MDL		D	Prepared 07/01/22 11:27	Analyzed 07/04/22 04:50	1 Dil Fac

Client Sample ID: SSW-3 Lab Sample ID: 880-16516-36 Date Collected: 06/30/22 13:48 **Matrix: Solid**

Date Received: 07/01/22 08:12

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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		07/01/22 12:27	07/04/22 22:51	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		07/01/22 12:27	07/04/22 22:51	1
Ethylbenzene	< 0.000563	U	0.00199	0.000563	mg/Kg		07/01/22 12:27	07/04/22 22:51	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		07/01/22 12:27	07/04/22 22:51	1
o-Xylene	< 0.000343	U	0.00199	0.000343	mg/Kg		07/01/22 12:27	07/04/22 22:51	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		07/01/22 12:27	07/04/22 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				07/01/22 12:27	07/04/22 22:51	1
1,4-Difluorobenzene (Surr)	93		70 - 130				07/01/22 12:27	07/04/22 22:51	1

Client Sample Results

Client: Talon/LPE Job ID: 880-16516-1
Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Client Sample ID: SSW-3 Lab Sample ID: 880-16516-36

Date Collected: 06/30/22 13:48

Date Received: 07/01/22 08:12

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			07/05/22 16:02	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	58.1		50.0	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	33.7	J B	50.0	15.0	mg/Kg		07/01/22 11:27	07/04/22 05:10	1
(GRO)-C6-C10									
Diesel Range Organics (Over	24.4	JB	50.0	15.0	mg/Kg		07/01/22 11:27	07/04/22 05:10	1
C10-C28)									
OII Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:27	07/04/22 05:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102	·	70 - 130				07/01/22 11:27	07/04/22 05:10	1
o-Terphenyl	99		70 - 130				07/01/22 11:27	07/04/22 05:10	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.3	-	5.00	0.858	mg/Kg			07/03/22 10:42	

Client Sample ID: WSW-1 Lab Sample ID: 880-16516-37

Date Collected: 06/30/22 12:25

Matrix: Solid

Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		07/01/22 12:27	07/04/22 23:12	
Toluene	< 0.000453	U	0.00199	0.000453	mg/Kg		07/01/22 12:27	07/04/22 23:12	,
Ethylbenzene	< 0.000562	U	0.00199	0.000562	mg/Kg		07/01/22 12:27	07/04/22 23:12	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		07/01/22 12:27	07/04/22 23:12	1
o-Xylene	< 0.000342	U	0.00199	0.000342	mg/Kg		07/01/22 12:27	07/04/22 23:12	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		07/01/22 12:27	07/04/22 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				07/01/22 12:27	07/04/22 23:12	1
Method: Total BTEX - Total BTE		Qualifier	70 ₋ 130	MDL	Unit	D	07/01/22 12:27 Prepared	07/04/22 23:12	
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BTE Analyte Total BTEX	EX Calculation	Qualifier U	70 - 130 RL 0.00398	MDL 0.00100	Unit mg/Kg	<u>D</u>	07/01/22 12:27 Prepared	07/04/22 23:12 Analyzed 07/05/22 16:02	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX	EX Calculation Result <0.00100	U	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte	EX Calculation Result <	U	RL	0.00100		D		Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang	EX Calculation Result <	U (GC)		0.00100	mg/Kg		Prepared	Analyzed 07/05/22 16:02	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte	EX Calculation Result <0.00100 ge Organics (DR Result 60.9	O) (GC) Qualifier		0.00100 MDL	mg/Kg		Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH	EX Calculation Result <0.00100 ge Organics (DR Result 60.9 nge Organics (D	O) (GC) Qualifier		0.00100 MDL 15.0	mg/Kg		Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Rang	EX Calculation Result <0.00100 ge Organics (DR Result 60.9 nge Organics (D	O) (GC) Qualifier RO) (GC) Qualifier	RL 0.00398	0.00100 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 07/05/22 16:02 Analyzed 07/05/22 11:42	Dil Fac

Job ID: 880-16516-1

Client: Talon/LPE Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Client Sample ID: WSW-1 Lab Sample ID: 880-16516-37 Date Collected: 06/30/22 12:25

Matrix: Solid

Date Received: 07/01/22 08:12												
Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)												
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F			
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:27	07/04/22 05:31				
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analvzed	Dil F			

Fac 1-Chlorooctane 70 - 130 07/01/22 11:27 07/04/22 05:31 106 o-Terphenyl 103 70 - 130 07/01/22 11:27 07/04/22 05:31

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Dil Fac Prepared Analyzed 4.98 0.855 mg/Kg 07/03/22 10:51 Chloride 38.2

Client Sample ID: WSW-2 Lab Sample ID: 880-16516-38

Date Received: 07/01/22 08:12

Date Collected: 06/30/22 12:30 Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg		07/01/22 12:27	07/04/22 23:32	1
Toluene	< 0.000457	U	0.00200	0.000457	mg/Kg		07/01/22 12:27	07/04/22 23:32	1
Ethylbenzene	< 0.000566	U	0.00200	0.000566	mg/Kg		07/01/22 12:27	07/04/22 23:32	1
m-Xylene & p-Xylene	<0.00101	U	0.00401	0.00101	mg/Kg		07/01/22 12:27	07/04/22 23:32	1
o-Xylene	< 0.000345	U	0.00200	0.000345	mg/Kg		07/01/22 12:27	07/04/22 23:32	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg		07/01/22 12:27	07/04/22 23:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				07/01/22 12:27	07/04/22 23:32	1
1,4-Difluorobenzene (Surr)	93		70 - 130				07/01/22 12:27	07/04/22 23:32	1
Method: Total BTEX - Total BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg			07/05/22 16:02	1

Analyte Result Qualifier RL MDL Unit Dil Fac D Prepared Analyzed **Total TPH** 49.9 15.0 07/05/22 11:42 50.5 mg/Kg Method: 8015B NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit Dil Fac Prepared Analyzed 49.9 **Gasoline Range Organics** 27.2 JB 15.0 mg/Kg 07/01/22 11:27 07/04/22 05:51 (GRO)-C6-C10 **Diesel Range Organics (Over** 49.9 07/01/22 11:27 07/04/22 05:51 23.3 JB 15.0 mg/Kg C10-C28) Oll Range Organics (Over C28-C36) <15.0 U 49.9 15.0 mg/Kg 07/01/22 11:27 07/04/22 05:51

	Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	1-Chlorooctane	92		70 - 130	07/01/22 11:27	07/04/22 05:51	1
l	o-Terphenyl	92		70 - 130	07/01/22 11:27	07/04/22 05:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	129		4.95	0.850	mg/Kg			07/03/22 11:01	1

Client: Talon/LPE Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Client Sample ID: WSW-3 Lab Sample ID: 880-16516-39

Date Collected: 06/30/22 12:32 Matrix: Solid Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000389	U	0.00202	0.000389	mg/Kg		07/01/22 12:27	07/04/22 23:53	1
Toluene	< 0.000461	U	0.00202	0.000461	mg/Kg		07/01/22 12:27	07/04/22 23:53	1
Ethylbenzene	< 0.000571	U	0.00202	0.000571	mg/Kg		07/01/22 12:27	07/04/22 23:53	1
m-Xylene & p-Xylene	<0.00102	U	0.00404	0.00102	mg/Kg		07/01/22 12:27	07/04/22 23:53	1
o-Xylene	< 0.000347	U	0.00202	0.000347	mg/Kg		07/01/22 12:27	07/04/22 23:53	1
Xylenes, Total	<0.00102	U	0.00404	0.00102	mg/Kg		07/01/22 12:27	07/04/22 23:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				07/01/22 12:27	07/04/22 23:53	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/01/22 12:27	07/04/22 23:53	1
Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
- - Mothod: 9045 NM Diocol Pange	Organics (DP	0) (60)		0.00102	mg/Kg				
Method: 8015 NM - Diesel Range Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	46.4	J	49.9	15.0	mg/Kg			07/05/22 11:42	1
- Method: 8015B NM - Diesel Ran	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.6	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 06:12	1
Diesel Range Organics (Over C10-C28)	23.8	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 06:12	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 06:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
			70 - 130				07/01/22 11:27	07/04/22 06:12	1
1-Chlorooctane	101								
1-Chlorooctane o-Terphenyl	101 98		70 - 130				07/01/22 11:27	07/04/22 06:12	•
	98	Soluble	70 - 130				07/01/22 11:27	07/04/22 06:12	1
o-Terphenyl	98 omatography -	Soluble Qualifier	70 ₋ 130	MDL	Unit	<u>D</u>	07/01/22 11:27 Prepared	07/04/22 06:12 Analyzed	•

Client Sample ID: WSW-4 Lab Sample ID: 880-16516-40 Date Collected: 06/30/22 13:18 **Matrix: Solid**

Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/01/22 12:27	07/05/22 00:13	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		07/01/22 12:27	07/05/22 00:13	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		07/01/22 12:27	07/05/22 00:13	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:27	07/05/22 00:13	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		07/01/22 12:27	07/05/22 00:13	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:27	07/05/22 00:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				07/01/22 12:27	07/05/22 00:13	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/01/22 12:27	07/05/22 00:13	1

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: WSW-4

Date Collected: 06/30/22 13:18 Date Received: 07/01/22 08:12 Lab Sample ID: 880-16516-40

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			07/05/22 16:02	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	64.0		49.8	14.9	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	40.5	JB	49.8	14.9	mg/Kg		07/01/22 11:27	07/04/22 06:32	1
(GRO)-C6-C10									
Diesel Range Organics (Over	23.5	JB	49.8	14.9	mg/Kg		07/01/22 11:27	07/04/22 06:32	1
C10-C28)									
OII Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		07/01/22 11:27	07/04/22 06:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				07/01/22 11:27	07/04/22 06:32	1
o-Terphenyl	111		70 - 130				07/01/22 11:27	07/04/22 06:32	1

Client Sample ID: WSW-5 L

5.05

102

0.867 mg/Kg

Date Collected: 06/30/22 13:20

Chloride

Date Received: 07/01/22 08:12

Lab Sample ID: 880-16516-41	
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07/03/22 11:19

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		07/01/22 15:30	07/04/22 09:09	1
Toluene	< 0.000453	U	0.00199	0.000453	mg/Kg		07/01/22 15:30	07/04/22 09:09	1
Ethylbenzene	< 0.000562	U	0.00199	0.000562	mg/Kg		07/01/22 15:30	07/04/22 09:09	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		07/01/22 15:30	07/04/22 09:09	
o-Xylene	< 0.000342	U	0.00199	0.000342	mg/Kg		07/01/22 15:30	07/04/22 09:09	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		07/01/22 15:30	07/04/22 09:09	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				07/01/22 15:30	07/04/22 09:09	1
	92		70 - 130				07/01/22 15:30	07/04/22 09:09	1
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT Analyte	TEX Calculation	Qualifier		MDL	Unit	D			
Method: Total BTEX - Total BT	TEX Calculation								
	TEX Calculation	Qualifier U	RL 0.00398	MDL 0.00100		<u>D</u>	Prepared	Analyzed 07/05/22 16:02	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran	TEX Calculation Result <0.00100 age Organics (DR	U (GC)	RL 0.00398	0.00100	mg/Kg		Prepared	Analyzed 07/05/22 16:02	Dil Fac
Method: Total BTEX - Total BT Analyte	TEX Calculation Result <0.00100 age Organics (DR	U	RL 0.00398		mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran	TEX Calculation Result <0.00100 age Organics (DR	O) (GC) Qualifier	RL 0.00398	0.00100	mg/Kg		Prepared	Analyzed 07/05/22 16:02	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte	Result	O) (GC) Qualifier J	RL 0.00398	0.00100 MDL	mg/Kg		Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH	TEX Calculation Result <0.00100 age Organics (DR Result 17.2 ange Organics (D	O) (GC) Qualifier J	RL 0.00398	0.00100 MDL 15.0	mg/Kg		Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ran	rex Calculation Result <0.00100 rege Organics (DR) Result 17.2 rege Organics (DR) Result Result Result Result	O) (GC) Qualifier J RO) (GC)	RL 0.00398	0.00100 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 07/05/22 16:02 Analyzed 07/05/22 11:42	Dil Fac

Job ID: 880-16516-1

SDG: Eddy Co NM

Project/Site: Bellatrix 28 Fed 01H **Client Sample ID: WSW-5**

Client: Talon/LPE

Date Collected: 06/30/22 13:20 Date Received: 07/01/22 08:12 Lab Sample ID: 880-16516-41

Matrix: Solid

Method: 8015B NM - Diesel Range	Organics (D	RO) (GC) (C	ontinued)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	17.2	JB	49.9	15.0	mg/Kg		07/01/22 16:31	07/04/22 12:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				07/01/22 16:31	07/04/22 12:18	1
o-Terphenyl	75		70 - 130				07/01/22 16:31	07/04/22 12:18	1
Method: 300.0 - Anions, Ion Chron	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.9		5.00	0.858	mg/Kg			07/03/22 02:15	1

Client Sample ID: WSW-6 Lab Sample ID: 880-16516-42 Date Collected: 06/30/22 13:50

Date Received: 07/01/22 08:12

Matrix: Solid

Method: 8021B - Volatile Orga	nic Compounds ((GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/01/22 15:30	07/04/22 10:32	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		07/01/22 15:30	07/04/22 10:32	1
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		07/01/22 15:30	07/04/22 10:32	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 15:30	07/04/22 10:32	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		07/01/22 15:30	07/04/22 10:32	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 15:30	07/04/22 10:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 _ 130				07/01/22 15:30	07/04/22 10:32	1
1,4-Difluorobenzene (Surr)	97		70 - 130				07/01/22 15:30	07/04/22 10:32	1

Method: Total BTEX - Total BTEX Calculation										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			07/05/22 16:02	1

Method: 8015 NM - Diesel Range C							
Analyte	Result Qualifier	RL	MDL Unit	D I	Prepared	Analyzed	Dil Fac
Total TPH	19.0 J	50.0	15.0 mg/Kg			07/05/22 11:42	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		07/01/22 16:31	07/04/22 13:25	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		07/01/22 16:31	07/04/22 13:25	1
Oll Range Organics (Over C28-C36)	19.0	J B	50.0	15.0	mg/Kg		07/01/22 16:31	07/04/22 13:25	1

	,,	4			,	
1-Chlorooctane	80		70 - 130	07/01/22 16:31	07/04/22 13:25	1
o-Terphenyl	85		70 - 130	07/01/22 16:31	07/04/22 13:25	1
<u>-</u>						

Method: 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
l	Chloride	42.3		4.97	0.853	mg/Kg			07/03/22 02:24	1

Surrogate Summary

Client: Talon/LPE Job ID: 880-16516-1
Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

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)	
880-16516-1	S-3A	110	95	· —— —— —— —— ——
880-16516-1 MS	S-3A	108	100	
880-16516-1 MSD	S-3A	119	92	
880-16516-2	S-4A	95	89	
880-16516-3	S-6A	110	93	
880-16516-4	S-7A	109	102	
880-16516-5	S-8A	114	96	
880-16516-6	S-11A	101	93	
880-16516-7	S-13A	96	91	
880-16516-8	S-14A	96	88	
880-16516-9	S-15A	107	93	
880-16516-10	S-16A	90	91	
880-16516-11	S-17A	108	98	
880-16516-12	S-18A	114	98	
880-16516-13	S-19A	110	97	
880-16516-14	S-20A	113	92	
880-16516-15	S-21A	109	94	
880-16516-16	S-22A	105	87	
880-16516-17	S-23A	72	12 S1-	
880-16516-18	S-24A	83	96	
880-16516-19	S-25A	58 S1-	92	
880-16516-20	S-26A	107	79	
880-16516-21	S-27A	109	98	
880-16516-21 MS	S-27A	107	101	
880-16516-21 MSD	S-27A	111	102	
880-16516-22	S-28A	114	100	
880-16516-23	S-29A	106	100	
880-16516-24	S-30A	113	98	
880-16516-25	S-31A	108	92	
880-16516-26	S-32A	113	98	
880-16516-27	NSW-2	109	95	
880-16516-28	NSW-3	111	98	
880-16516-29	ESW-1	109	93	
880-16516-30	ESW-2	271 S1+	251 S1+	
880-16516-31	ESW-3	110	97	
880-16516-32	ESW-4	112	96	
880-16516-33	ESW-5	110	98	
880-16516-34	SSW-1	113	95	
880-16516-35	SSW-2	111	94	
880-16516-36	SSW-3	114	93	
880-16516-37	WSW-1	112	95	
880-16516-38	WSW-2	112	93	
880-16516-39	WSW-3	113	92	
880-16516-40	WSW-4	114	92	
880-16516-41	WSW-5	109	92	
880-16516-42	WSW-6	105	97	
LCS 880-28850/1-A	Lab Control Sample	120	99	
LCS 880-28852/1-A	Lab Control Sample	107	101	

Eurofins Midland

Released to Imaging: 7/3/2023 10:37:42 AM

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Surrogate Summary

Client: Talon/LPE Job ID: 880-16516-1
Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

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

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1	Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
LCSD 880-28850/2-A	Lab Control Sample Dup	116	99	
_CSD 880-28852/2-A	Lab Control Sample Dup	108	99	
LCSD 880-28855/2-A	Lab Control Sample Dup	105	102	
MB 880-28842/5-A	Method Blank	101	92	
MB 880-28847/5-A	Method Blank	103	92	
MB 880-28850/5-A	Method Blank	104	88	
MB 880-28852/5-A	Method Blank	101	91	
MB 880-28855/5-A	Method Blank	104	92	
Surrogate Legend				
BFB = 4-Bromofluorobe	enzene (Surr)			
DFBZ = 1,4-Difluorober	nzene (Surr)			

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1001	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-16516-1	S-3A	96	104	
880-16516-1 MS	S-3A	106	103	
880-16516-1 MSD	S-3A	103	98	
880-16516-2	S-4A	89	94	
880-16516-3	S-6A	85	92	
880-16516-4	S-7A	96	104	
880-16516-5	S-8A	85	91	
880-16516-6	S-11A	86	93	
880-16516-7	S-13A	85	93	
880-16516-8	S-14A	102	107	
880-16516-9	S-15A	86	86	
880-16516-10	S-16A	99	104	
380-16516-11	S-17A	89	91	
380-16516-12	S-18A	94	97	
880-16516-13	S-19A	89	92	
380-16516-14	S-20A	84	85	
380-16516-15	S-21A	87	87	
380-16516-16	S-22A	85	83	
380-16516-17	S-23A	87	91	
880-16516-18	S-24A	96	102	
380-16516-19	S-25A	91	94	
380-16516-20	S-26A	95	97	
380-16516-21	S-27A	102	99	
880-16516-21 MS	S-27A	146 S1+	134 S1+	
880-16516-21 MSD	S-27A	133 S1+	121	
880-16516-22	S-28A	106	104	
880-16516-23	S-29A	108	107	
380-16516-24	S-30A	105	108	
380-16516-25	S-31A	104	101	
380-16516-26	S-32A	105	101	
380-16516-27	NSW-2	101	96	
380-16516-28	NSW-3	100	96	

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Surrogate Summary

Client: Talon/LPE Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

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

Matrix: Solid Prep Type: Total/NA

		1001	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-16516-29	ESW-1	102	95
880-16516-30	ESW-2	104	106
880-16516-31	ESW-3	100	99
880-16516-32	ESW-4	107	106
880-16516-33	ESW-5	104	104
880-16516-34	SSW-1	104	100
880-16516-35	SSW-2	100	97
880-16516-36	SSW-3	102	99
880-16516-37	WSW-1	106	103
880-16516-38	WSW-2	92	92
880-16516-39	WSW-3	101	98
880-16516-40	WSW-4	109	111
880-16516-41	WSW-5	69 S1-	75
880-16516-41 MS	WSW-5	91	87
880-16516-41 MSD	WSW-5	77	78
880-16516-42	WSW-6	80	85
LCS 880-28837/2-A	Lab Control Sample	103	101
LCS 880-28839/2-A	Lab Control Sample	105	98
LCS 880-28906/2-A	Lab Control Sample	93	99
LCSD 880-28837/3-A	Lab Control Sample Dup	115	113
LCSD 880-28839/3-A	Lab Control Sample Dup	97	89
LCSD 880-28906/3-A	Lab Control Sample Dup	105	113
MB 880-28837/1-A	Method Blank	127	140 S1+
MB 880-28839/1-A	Method Blank	134 S1+	136 S1+
MB 880-28906/1-A	Method Blank	85	101
Surrogate Legend			

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Job ID: 880-16516-1

SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-28842/5-A

Project/Site: Bellatrix 28 Fed 01H

Matrix: Solid

Analysis Batch: 28967

Prep Type: Total/NA

Prep Batch: 28842

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.00198	0.000382	mg/Kg		07/01/22 12:06	07/03/22 19:10	1
Toluene	<0.000452	U	0.00198	0.000452	mg/Kg		07/01/22 12:06	07/03/22 19:10	1
Ethylbenzene	<0.000561	U	0.00198	0.000561	mg/Kg		07/01/22 12:06	07/03/22 19:10	1
m-Xylene & p-Xylene	<0.00100	U	0.00397	0.00100	mg/Kg		07/01/22 12:06	07/03/22 19:10	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg		07/01/22 12:06	07/03/22 19:10	1
Xylenes, Total	<0.00100	U	0.00397	0.00100	mg/Kg		07/01/22 12:06	07/03/22 19:10	1
	***	***							

MB MB

Surrogate	%Recovery Qualific	er Limits
4-Bromofluorobenzene (Surr)	101	70 - 130
1,4-Difluorobenzene (Surr)	92	70 - 130

07/01/22 12:06 07/03/22 19:10 07/01/22 12:06 07/03/22 19:10

Analyzed

Prepared

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

Prep Batch: 28847

Dil Fac

Lab Sample ID: MB 880-28847/5-A

Matrix: Solid

Analysis Batch: 28820

	MB	MR						
Analyte	Result	Qualifier	RL	MDL	Unit [D Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg	07/01/22 12:12	07/01/22 23:26	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg	07/01/22 12:12	07/01/22 23:26	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg	07/01/22 12:12	07/01/22 23:26	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg	07/01/22 12:12	07/01/22 23:26	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg	07/01/22 12:12	07/01/22 23:26	1
Xylenes, Total	< 0.00101	U	0.00400	0.00101	mg/Kg	07/01/22 12:12	07/01/22 23:26	1

мв мв

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	07/	/01/22 12:12	07/01/22 23:26	1
1,4-Difluorobenzene (Surr)	92		70 - 130	07/	/01/22 12:12	07/01/22 23:26	1

Lab Sample ID: MB 880-28850/5-A

Matrix: Solid

Analysis Batch: 28967

Client Samp	ole ID:	Method	Blank
	_		

Prep Type: Total/NA Prep Batch: 28850

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		07/01/22 15:30	07/04/22 05:43	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		07/01/22 15:30	07/04/22 05:43	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		07/01/22 15:30	07/04/22 05:43	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		07/01/22 15:30	07/04/22 05:43	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		07/01/22 15:30	07/04/22 05:43	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		07/01/22 15:30	07/04/22 05:43	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	07/01/22 15:30	07/04/22 05:43	1
1,4-Difluorobenzene (Surr)	88		70 - 130	07/01/22 15:30	07/04/22 05:43	1

QC Sample Results

Client: Talon/LPE Job ID: 880-16516-1 SDG: Eddy Co NM Project/Site: Bellatrix 28 Fed 01H

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

Lab Sample ID: LCS 880-28850/1-A

Lab Sample ID: LCSD 880-28850/2-A

Matrix: Solid

Analysis Batch: 28967

Client	Sample	ID:	Lab	Control	Samp	le

Prep Type: Total/NA

Prep Batch: 28850

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08135		mg/Kg		81	70 - 130	
Toluene	0.100	0.08198		mg/Kg		82	70 - 130	
Ethylbenzene	0.100	0.09017		mg/Kg		90	70 - 130	
m-Xylene & p-Xylene	0.200	0.1903		mg/Kg		95	70 - 130	
o-Xylene	0.100	0.09864		mg/Kg		99	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Batch: 28852

Matrix: Solid Prep Type: Total/NA **Analysis Batch: 28967** Prep Batch: 28850

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08862		mg/Kg		89	70 - 130	9	35
Toluene	0.100	0.08870		mg/Kg		89	70 - 130	8	35
Ethylbenzene	0.100	0.09435		mg/Kg		94	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1966		mg/Kg		98	70 - 130	3	35
o-Xylene	0.100	0.1005		mg/Kg		101	70 - 130	2	35

LCSD LCSD

Surrogate	%Recovery (Qualifier	Limits		
4-Bromofluorobenzene (Surr)	116		70 - 130		
1 4-Difluorobenzene (Surr)	99		70 - 130		

Lab Sample ID: MB 880-28852/5-A Client Sample ID: Method Blank Matrix: Solid Prep Type: Total/NA

Analysis Batch: 28820

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		07/01/22 12:23	07/02/22 10:03	1
Toluene	< 0.000456	U	0.00200	0.000456	mg/Kg		07/01/22 12:23	07/02/22 10:03	1
Ethylbenzene	< 0.000565	U	0.00200	0.000565	mg/Kg		07/01/22 12:23	07/02/22 10:03	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		07/01/22 12:23	07/02/22 10:03	1
o-Xylene	< 0.000344	U	0.00200	0.000344	mg/Kg		07/01/22 12:23	07/02/22 10:03	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		07/01/22 12:23	07/02/22 10:03	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101	70 - 130	07/01/22 12:23	07/02/22 10:03	1
1,4-Difluorobenzene (Surr)	91	70 - 130	07/01/22 12:23	07/02/22 10:03	1

Lab Sample ID: LCS 880-28852/1-A

Matrix: Solid

Analysis Batch: 28820

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

Prep Batch: 28852

	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	0.1021		mg/Kg		102	70 - 130	

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1 SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-28852/1-A

Matrix: Solid

Analysis Batch: 28820

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28852

	Бріке	LUS	LUS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	0.100	0.1028		mg/Kg		103	70 - 130	
m-Xylene & p-Xylene	0.200	0.2090		mg/Kg		105	70 - 130	
o-Xylene	0.100	0.1057		mg/Kg		106	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28852

Matrix: Solid

Lab Sample ID: LCSD 880-28852/2-A

Analysis Batch: 28820

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08724		mg/Kg		87	70 - 130	19	35
Toluene	0.100	0.08693		mg/Kg		87	70 - 130	16	35
Ethylbenzene	0.100	0.08805		mg/Kg		88	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.1813		mg/Kg		91	70 - 130	14	35
o-Xylene	0.100	0.09286		mg/Kg		93	70 - 130	13	35

LCSD LCSD

Surrogate	%Recovery Q	ualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-16516-1 MS

Matrix: Solid

Analysis Batch: 28820

Client Sample ID: S-3A Prep Type: Total/NA Prep Batch: 28852

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.000386	U F1 F2	0.100	0.08905		mg/Kg		89	70 - 130	
Toluene	<0.000457	U F1	0.100	0.08127		mg/Kg		81	70 - 130	
Ethylbenzene	<0.000566	U F1	0.100	0.05068	F1	mg/Kg		51	70 - 130	
m-Xylene & p-Xylene	<0.00101	U F1	0.200	0.1379	F1	mg/Kg		69	70 - 130	
o-Xylene	<0.000345	U	0.100	0.08948		mg/Kg		89	70 - 130	

MS MS

Surrogate	%Recovery Qualifie	r Limits
4-Bromofluorobenzene (Surr)	108	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Lab Sample ID: 880-16516-1 MSD

Matrix: Solid

Analysis Batch: 28820

Client Sample ID: S-3A Prep Type: Total/NA

Prep Batch: 28852

								1 100	Duton.	20002
Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
<0.000386	U F1 F2	0.0998	0.05408	F1 F2	mg/Kg		54	70 - 130	49	35
<0.000457	U F1	0.0998	0.06225	F1	mg/Kg		62	70 - 130	26	35
<0.000566	U F1	0.0998	0.04969	F1	mg/Kg		50	70 - 130	2	35
<0.00101	U F1	0.200	0.1151	F1	mg/Kg		58	70 - 130	18	35
<0.000345	U	0.0998	0.07977		mg/Kg		80	70 - 130	11	35
	Result <0.000386 <0.000457 <0.000566 <0.00101	Sample Sample Result Qualifier <0.000386	Result Qualifier Added <0.000386	Result Qualifier Added Result <0.000386	Result Qualifier Added Result Qualifier <0.000386	Result Qualifier Added Result Qualifier Unit <0.000386	Result Qualifier Added Result Qualifier Unit D <0.000386	Result Qualifier Added Result Qualifier Unit D %Rec <0.000386	Sample Sample Spike MSD MSD MSD %Rec Result Qualifier Unit D %Rec Limits <0.000386	Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD <0.000386

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Client: Talon/LPE Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1

SDG: Eddy Co NM

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

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28855

Lab Sample ID: MB 880-28855/5-A **Matrix: Solid**

Analysis Batch: 28967 мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		07/01/22 12:27	07/04/22 16:20	1
Toluene	< 0.000456	U	0.00200	0.000456	mg/Kg		07/01/22 12:27	07/04/22 16:20	1
Ethylbenzene	< 0.000565	U	0.00200	0.000565	mg/Kg		07/01/22 12:27	07/04/22 16:20	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		07/01/22 12:27	07/04/22 16:20	1
o-Xylene	< 0.000344	U	0.00200	0.000344	mg/Kg		07/01/22 12:27	07/04/22 16:20	1
Xylenes, Total	< 0.00101	U	0.00400	0.00101	mg/Kg		07/01/22 12:27	07/04/22 16:20	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	07/01/22 12:27	07/04/22 16:20	1
1,4-Difluorobenzene (Surr)	92		70 - 130	07/01/22 12:27	07/04/22 16:20	1

Lab Sample ID: LCS 880-28855/1-A

Matrix: Solid Analysis Batch: 28967

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

Prep Batch: 28855

	Spike	LCS	LUS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09274	-	mg/Kg		93	70 - 130	
Toluene	0.100	0.08930		mg/Kg		89	70 - 130	
Ethylbenzene	0.100	0.08992		mg/Kg		90	70 - 130	
m-Xylene & p-Xylene	0.200	0.1836		mg/Kg		92	70 - 130	
o-Xylene	0.100	0.09449		mg/Kg		94	70 - 130	

LCS LCS

Surrogate	%Recovery Qual	ifier Limits
4-Bromofluorobenzene (Surr)	105	70 - 130
1.4-Difluorobenzene (Surr)	102	70 - 130

Lab Sample ID: LCSD 880-28855/2-A

Matrix: Solid

Analysis Batch: 28967

Prep Type: Total/NA

Prep Batch: 28855

	Spike	LCSD	LCSD				%Rec		RPD
Analyte A	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1029		mg/Kg		103	70 - 130	10	35
Toluene	0.100	0.09773		mg/Kg		98	70 - 130	9	35
Ethylbenzene	0.100	0.09917		mg/Kg		99	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2013		mg/Kg		101	70 - 130	9	35
o-Xylene	0.100	0.1025		mg/Kg		102	70 - 130	8	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1 4-Difluorobenzene (Surr)	102		70 - 130

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1 SDG: Eddy Co NM

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

Lab Sample ID: 880-16516-21 MS

Matrix: Solid

Analysis Batch: 28967

Client Sample ID: S-27A Prep Type: Total/NA

Prep Batch: 28855

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.000384	U	0.100	0.1022		mg/Kg		102	70 - 130	
Toluene	<0.000455	U	0.100	0.09704		mg/Kg		97	70 - 130	
Ethylbenzene	<0.000564	U	0.100	0.09820		mg/Kg		98	70 - 130	
m-Xylene & p-Xylene	<0.00101	U	0.200	0.1996		mg/Kg		100	70 - 130	
o-Xylene	<0.000343	U	0.100	0.1007		mg/Kg		100	70 - 130	

MS MS

Surrogate	%Recovery Qual	ifier Limits
4-Bromofluorobenzene (Surr)	107	70 - 130
1,4-Difluorobenzene (Surr)	101	70 - 130

Lab Sample ID: 880-16516-21 MSD

Matrix: Solid

Analysis Batch: 28967

Client Sample ID: S-27A

Prep Type: Total/NA

Prep Batch: 28855

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.000384	U	0.101	0.09549		mg/Kg		95	70 - 130	7	35
Toluene	<0.000455	U	0.101	0.09041		mg/Kg		90	70 - 130	7	35
Ethylbenzene	< 0.000564	U	0.101	0.09364		mg/Kg		93	70 - 130	5	35
m-Xylene & p-Xylene	<0.00101	U	0.202	0.1898		mg/Kg		94	70 - 130	5	35
o-Xylene	< 0.000343	U	0.101	0.09570		mg/Kg		95	70 - 130	5	35

MSD MSD

Surrogate	%Recovery Qualifi	er Limits
4-Bromofluorobenzene (Surr)	111	70 - 130
1,4-Difluorobenzene (Surr)	102	70 - 130

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

Lab Sample ID: MB 880-28837/1-A

Matrix: Solid

Analysis Batch: 28952

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

Prep Batch: 28837

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:24	07/03/22 22:01	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:24	07/03/22 22:01	1
C10-C28)									
Oll Range Organics (Over C28-C36)	20.78	J	50.0	15.0	mg/Kg		07/01/22 11:24	07/03/22 22:01	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	07/01/22 11:24	07/03/22 22:01	1
o-Terphenyl	140	S1+	70 - 130	07/01/22 11:24	07/03/22 22:01	1

Lab Sample ID: LCS 880-28837/2-A

Matrix: Solid

Analysis Batch: 28952

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28837

Spike LCS LCS %Rec Analyte Added Result Qualifier Limits Unit %Rec 1000 802.5 80 70 - 130 Gasoline Range Organics mg/Kg

(GRO)-C6-C10

Project/Site: Bellatrix 28 Fed 01H

Client: Talon/LPE

Job ID: 880-16516-1

SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-28837/2-A **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA Analysis Batch: 28952 Prep Batch: 28837

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits D 1000 997 4 100 70 - 130 Diesel Range Organics (Over mg/Kg

C10-C28)

LCS LCS Surrogate %Recovery Qualifier Limits 70 _ 130 1-Chlorooctane 103 o-Terphenyl 101 70 - 130

Lab Sample ID: LCSD 880-28837/3-A Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA **Matrix: Solid** Analysis Batch: 28952 Prep Batch: 28837

LCSD LCSD %Rec RPD Spike Result Qualifier Limit Analyte Added Unit D %Rec Limits RPD 1000 1052 105 70 - 130 Gasoline Range Organics mg/Kg 27 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1112 mg/Kg 111 70 - 130 11 20

C10-C28)

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 115 70 - 130 113 70 - 130 o-Terphenyl

Lab Sample ID: 880-16516-1 MS Client Sample ID: S-3A **Matrix: Solid** Prep Type: Total/NA

Prep Batch: 28837 **Analysis Batch: 28952**

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits <15.0 U *1 Gasoline Range Organics 996 937.9 mg/Kg 94 70 - 130 (GRO)-C6-C10 <15.0 U 996 820.5 82 70 - 130 Diesel Range Organics (Over mg/Kg

C10-C28)

Qualifier Surrogate %Recovery Limits 1-Chlorooctane 106 70 - 130 o-Terphenyl 103 70 - 130

MS MS

<15.0 U

Lab Sample ID: 880-16516-1 MSD Client Sample ID: S-3A

Matrix: Solid Prep Type: Total/NA

996

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier RPD Limit Analyte Added Result Qualifier Unit D %Rec Limits Gasoline Range Organics <15.0 U *1 996 1107 111 70 - 130 17 20 mg/Kg (GRO)-C6-C10

794.7

mg/Kg

Diesel Range Organics (Over C10-C28)

Analysis Batch: 28952

MSD MSD %Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 103 98 70 - 130 o-Terphenyl

Eurofins Midland

Prep Batch: 28837

3

80

70 - 130

20

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1

SDG: Eddy Co NM

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

Lab Sample ID: MB 880-28839/1-A

Lab Sample ID: LCS 880-28839/2-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 28950

Analysis Batch: 28950

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28839

١		MB	MB							
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Gasoline Range Organics	24.06	J	50.0	15.0	mg/Kg		07/01/22 11:27	07/03/22 22:01	1
	(GRO)-C6-C10									
	Diesel Range Organics (Over	16.98	J	50.0	15.0	mg/Kg		07/01/22 11:27	07/03/22 22:01	1
	C10-C28)									
	OII Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:27	07/03/22 22:01	1
		***	***							
١		MB	MB							
١	Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 134 S1+ 70 - 130 o-Terphenyl 136 S1+ 70 - 130

07/01/22 11:27 07/03/22 22:01 07/01/22 11:27 07/03/22 22:01

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28839

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit D %Rec Limits Gasoline Range Organics 1000 1040 104 70 - 130 mg/Kg (GRO)-C6-C10 1000 Diesel Range Organics (Over 916.2 mg/Kg 92 70 - 130C10-C28)

LCS LCS

%Recovery Qualifier Limits Surrogate 1-Chlorooctane 105 70 - 130 o-Terphenyl 98 70 - 130

Client Sample ID: Lab Control Sample Dup

Analysis Batch: 28950

Matrix: Solid

Lab Sample ID: LCSD 880-28839/3-A

Prep Type: Total/NA Prep Batch: 28839

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	915.3		mg/Kg		92	70 - 130	13	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	804.4		mg/Kg		80	70 - 130	13	20
C10 C28)									

C10-C28)

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	97	70 - 130
o-Terphenyl	89	70 - 130

Lab Sample ID: 880-16516-21 MS Client Sample ID: S-27A

Matrix: Solid

Analysis Batch: 28950

Prep Type: Total/NA

Prep Batch: 28839

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	27.7	JB	996	1127		mg/Kg		110	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	25.5	JB	996	1042		mg/Kg		102	70 - 130	
C10-C28)										

Job ID: 880-16516-1

SDG: Eddy Co NM

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

Lab Sample ID: 880-16516-21 MS **Matrix: Solid**

Project/Site: Bellatrix 28 Fed 01H

Analysis Batch: 28950

Client Sample ID: S-27A

Prep Type: Total/NA

Prep Batch: 28839

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 146 S1+ 70 - 130 o-Terphenyl 134 S1+ 70 - 130

Lab Sample ID: 880-16516-21 MSD Client Sample ID: S-27A

Matrix: Solid

Analysis Batch: 28950

Prep Type: Total/NA Prep Batch: 28839

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits **RPD** Limit 1049 27.7 JB 996 103 70 - 1307 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 996 951.1 93 25.5 JB mg/Kg 70 - 1309 20 C10-C28)

MSD MSD

MB MB

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	133	S1+	70 - 130
o-Terphenyl	121		70 - 130

Lab Sample ID: MB 880-28906/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 28973

Prep Type: Total/NA

Prep Batch: 28906

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	19.62	J	50.0	15.0	mg/Kg		07/01/22 16:31	07/04/22 11:12	1
(GRO)-C6-C10	-45.0		50.0	45.0			07/04/00 40:04	07/04/00 44:40	4
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		07/01/22 16:31	07/04/22 11:12	1
Oll Range Organics (Over C28-C36)	20.52	J	50.0	15.0	mg/Kg		07/01/22 16:31	07/04/22 11:12	1
,					0 0				

70 - 130

MB MB Surrogate %Recovery Qualifier Limits 1-Chlorooctane 85 70 - 130

101

Prepared Analyzed Dil Fac 07/01/22 16:31 07/04/22 11:12 07/01/22 16:31 07/04/22 11:12

Lab Sample ID: LCS 880-28906/2-A

Matrix: Solid

o-Terphenyl

C10-C28)

Analysis Batch: 28973

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

Prep Batch: 28906

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits D 1000 Gasoline Range Organics 815.5 82 70 - 130 mg/Kg (GRO)-C6-C10 1000 936.0 94 70 - 130 Diesel Range Organics (Over mg/Kg

LCS LCS

Surrogate	%Recovery Qualifie	er Limits				
1-Chlorooctane	93	70 - 130				
o-Terphenyl	99	70 - 130				

Project/Site: Bellatrix 28 Fed 01H

Client: Talon/LPE

Job ID: 880-16516-1

SDG: Eddy Co NM

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

Lab Sample ID: LCSD 880-28906/3-A

Matrix: Solid Analysis Batch: 28973 Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28906

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	873.9		mg/Kg		87	70 - 130	7	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1077		mg/Kg		108	70 - 130	14	20

C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	113		70 - 130

Lab Sample ID: 880-16516-41 MS Client Sample ID: WSW-5

Matrix: Solid	Prep Type: Total/NA
Analysis Batch: 28973	Prep Batch: 28906

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits <15.0 U F2 F1 996 788.0 79 70 - 130 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <15.0 U F1 996 719.3 mg/Kg 72 70 - 130

C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 91 70 - 130 o-Terphenyl 87 70 - 130

Lab Sample ID: 880-16516-41 MSD

Matrix: Solid

Analysis Batch: 28973

Client Sample ID: WSW-5 Prep Type: Total/NA Prep Batch: 28906

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<15.0	U F2 F1	996	631.2	F1 F2	mg/Kg		63	70 - 130	22	20	
Diesel Range Organics (Over C10-C28)	<15.0	U F1	996	644.6	F1	mg/Kg		65	70 - 130	11	20	

MSD MSD Qualifier Limits Surrogate %Recovery 1-Chlorooctane 70 - 130 77 78 70 - 130 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-28862/1-A

Matrix: Solid

Analysis Batch: 28936

Client Sample ID: Method Blank

Prep Type: Soluble

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858	U	5.00	0.858	mg/Kg			07/03/22 01:20	1

Client: Talon/LPE Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-28862/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 28936

LCS LCS %Rec Spike Analyte Added Result Qualifier %Rec Limits Unit Chloride 250 254.7 mg/Kg 102 90 - 110

Lab Sample ID: LCSD 880-28862/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 28936

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

Lab Sample ID: 880-16534-A-8-G MS Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 28936

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 4.42 J. 250 268.0 mg/Kg 105 90 - 110

Lab Sample ID: 880-16534-A-8-H MSD Client Sample ID: Matrix Spike Duplicate **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 28936

Sample Sample MSD MSD RPD Spike %Rec Result Qualifier Added RPD Analyte Result Qualifier Unit %Rec Limits Limit Chloride 4.42 250 267.8 105 90 - 110 20 mg/Kg

Lab Sample ID: MB 880-28828/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 28942

MR MR

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 5.00 07/02/22 19:57 Chloride <0.858 U 0.858 mg/Kg

Lab Sample ID: LCS 880-28828/2-A Client Sample ID: Lab Control Sample Matrix: Solid

Analysis Batch: 28942

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit %Rec Limits Chloride 250 251 7 mg/Kg 101 90 - 110

Lab Sample ID: LCSD 880-28828/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 28942

LCSD LCSD %Rec Spike Added Result Qualifier Limits RPD Limit Analyte Unit D %Rec Chloride 250 250.7 mg/Kg 100 90 - 110 20

Lab Sample ID: 880-16516-1 MS Client Sample ID: S-3A **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 28942

Released to Imaging: 7/3/2023 10:37:42 AM

MS MS %Rec Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 64.8 252 312.1 mg/Kg 98 90 - 110

Eurofins Midland

Prep Type: Soluble

Prep Type: Soluble

RPD

Client Sample ID: S-3A

Prep Type: Soluble

Client: Talon/LPE Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-16516-1 MSD **Matrix: Solid**

Analysis Batch: 28942

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit Chloride 64.8 252 310.3 mg/Kg 97 90 - 110

Lab Sample ID: 880-16516-11 MS Client Sample ID: S-17A **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 28942

Sample Sample Spike MS MS %Rec Result Qualifier Added Analyte Result Qualifier Unit D %Rec Limits

250

Lab Sample ID: 880-16516-11 MSD Client Sample ID: S-17A **Matrix: Solid Prep Type: Soluble**

373.6

mg/Kg

104

90 - 110

Analysis Batch: 28942

MSD MSD RPD Spike %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 373.7 115 mg/Kg 104 90 - 110

Lab Sample ID: MB 880-28829/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Chloride

Analysis Batch: 28943

мв мв

115

Unit Result Qualifier RL MDL Analyte Prepared Analyzed Dil Fac 5.00 07/03/22 06:42 Chloride <0.858 0.858 mg/Kg

Lab Sample ID: LCS 880-28829/2-A Client Sample ID: Lab Control Sample **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 28943

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Chloride 250 258.1 mg/Kg 103 90 - 110

Lab Sample ID: LCSD 880-28829/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 28943

Spike LCSD LCSD %Rec RPD Added RPD Analyte Result Qualifier Unit D %Rec Limits Limit Chloride 250 258.9 mg/Kg 104 90 - 110

Lab Sample ID: 880-16516-21 MS Client Sample ID: S-27A

Matrix: Solid

Analysis Batch: 28943

MS MS %Rec Sample Sample Spike Result Qualifier Added Analyte Result Qualifier Limits Unit D %Rec Chloride 114 248 375.7 mg/Kg 105 90 - 110

Lab Sample ID: 880-16516-21 MSD Client Sample ID: S-27A **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 28943

Released to Imaging: 7/3/2023 10:37:42 AM

, ,	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte		Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	114		248	378.4		mg/Kg		106	90 - 110	1	20

Eurofins Midland

Prep Type: Soluble

Client Sample ID: ESW-3

Client Sample ID: ESW-3

Prep Type: Soluble

QC Sample Results

Client: Talon/LPE Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography

25.4

Lab Sample ID: 880-16516-31 MS

Matrix: Solid

Chloride

Prep Type: Soluble Analysis Batch: 28943 Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Analyte Unit %Rec Limits

285.4

mg/Kg

105

90 - 110

248

Lab Sample ID: 880-16516-31 MSD

Matrix: Solid

Analysis Batch: 28943

•	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	25.4		248	291.8		mg/Kg		107	90 - 110	2	20

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1 SDG: Eddy Co NM

GC VOA

Analysis Batch: 28820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-1	S-3A	Total/NA	Solid	8021B	28852
880-16516-2	S-4A	Total/NA	Solid	8021B	28852
880-16516-3	S-6A	Total/NA	Solid	8021B	28852
880-16516-4	S-7A	Total/NA	Solid	8021B	28852
880-16516-5	S-8A	Total/NA	Solid	8021B	28852
880-16516-6	S-11A	Total/NA	Solid	8021B	28852
880-16516-7	S-13A	Total/NA	Solid	8021B	28852
880-16516-8	S-14A	Total/NA	Solid	8021B	28852
880-16516-9	S-15A	Total/NA	Solid	8021B	28852
880-16516-10	S-16A	Total/NA	Solid	8021B	28852
880-16516-11	S-17A	Total/NA	Solid	8021B	28852
880-16516-12	S-18A	Total/NA	Solid	8021B	28852
880-16516-13	S-19A	Total/NA	Solid	8021B	28852
880-16516-14	S-20A	Total/NA	Solid	8021B	28852
880-16516-15	S-21A	Total/NA	Solid	8021B	28852
880-16516-16	S-22A	Total/NA	Solid	8021B	28852
880-16516-17	S-23A	Total/NA	Solid	8021B	28852
880-16516-18	S-24A	Total/NA	Solid	8021B	28852
880-16516-19	S-25A	Total/NA	Solid	8021B	28852
880-16516-20	S-26A	Total/NA	Solid	8021B	28852
MB 880-28847/5-A	Method Blank	Total/NA	Solid	8021B	28847
MB 880-28852/5-A	Method Blank	Total/NA	Solid	8021B	28852
LCS 880-28852/1-A	Lab Control Sample	Total/NA	Solid	8021B	28852
LCSD 880-28852/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	28852
880-16516-1 MS	S-3A	Total/NA	Solid	8021B	28852
880-16516-1 MSD	S-3A	Total/NA	Solid	8021B	28852

Prep Batch: 28842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-28842/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 28847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-28847/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 28850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-41	WSW-5	Total/NA	Solid	5035	
880-16516-42	WSW-6	Total/NA	Solid	5035	
MB 880-28850/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-28850/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-28850/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 28852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-16516-1	S-3A	Total/NA	Solid	5035	
880-16516-2	S-4A	Total/NA	Solid	5035	
880-16516-3	S-6A	Total/NA	Solid	5035	
880-16516-4	S-7A	Total/NA	Solid	5035	
880-16516-5	S-8A	Total/NA	Solid	5035	
880-16516-6	S-11A	Total/NA	Solid	5035	

Client: Talon/LPE Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

GC VOA (Continued)

Prep Batch: 28852 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-7	S-13A	Total/NA	Solid	5035	
880-16516-8	S-14A	Total/NA	Solid	5035	
880-16516-9	S-15A	Total/NA	Solid	5035	
880-16516-10	S-16A	Total/NA	Solid	5035	
880-16516-11	S-17A	Total/NA	Solid	5035	
880-16516-12	S-18A	Total/NA	Solid	5035	
880-16516-13	S-19A	Total/NA	Solid	5035	
880-16516-14	S-20A	Total/NA	Solid	5035	
880-16516-15	S-21A	Total/NA	Solid	5035	
880-16516-16	S-22A	Total/NA	Solid	5035	
880-16516-17	S-23A	Total/NA	Solid	5035	
880-16516-18	S-24A	Total/NA	Solid	5035	
880-16516-19	S-25A	Total/NA	Solid	5035	
880-16516-20	S-26A	Total/NA	Solid	5035	
MB 880-28852/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-28852/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-28852/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16516-1 MS	S-3A	Total/NA	Solid	5035	
880-16516-1 MSD	S-3A	Total/NA	Solid	5035	

Prep Batch: 28855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-16516-21	S-27A	Total/NA	Solid	5035	
880-16516-22	S-28A	Total/NA	Solid	5035	
880-16516-23	S-29A	Total/NA	Solid	5035	
880-16516-24	S-30A	Total/NA	Solid	5035	
880-16516-25	S-31A	Total/NA	Solid	5035	
880-16516-26	S-32A	Total/NA	Solid	5035	
880-16516-27	NSW-2	Total/NA	Solid	5035	
880-16516-28	NSW-3	Total/NA	Solid	5035	
880-16516-29	ESW-1	Total/NA	Solid	5035	
880-16516-30	ESW-2	Total/NA	Solid	5035	
880-16516-31	ESW-3	Total/NA	Solid	5035	
880-16516-32	ESW-4	Total/NA	Solid	5035	
880-16516-33	ESW-5	Total/NA	Solid	5035	
880-16516-34	SSW-1	Total/NA	Solid	5035	
880-16516-35	SSW-2	Total/NA	Solid	5035	
880-16516-36	SSW-3	Total/NA	Solid	5035	
880-16516-37	WSW-1	Total/NA	Solid	5035	
880-16516-38	WSW-2	Total/NA	Solid	5035	
880-16516-39	WSW-3	Total/NA	Solid	5035	
880-16516-40	WSW-4	Total/NA	Solid	5035	
MB 880-28855/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-28855/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-28855/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16516-21 MS	S-27A	Total/NA	Solid	5035	
880-16516-21 MSD	S-27A	Total/NA	Solid	5035	

Analysis Batch: 28967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-21	S-27A	Total/NA	Solid	8021B	28855

Client: Talon/LPE Job ID: 880-16516-1
Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

GC VOA (Continued)

Analysis Batch: 28967 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-22	S-28A	Total/NA	Solid	8021B	28855
880-16516-23	S-29A	Total/NA	Solid	8021B	28855
880-16516-24	S-30A	Total/NA	Solid	8021B	28855
880-16516-25	S-31A	Total/NA	Solid	8021B	28855
880-16516-26	S-32A	Total/NA	Solid	8021B	28855
880-16516-27	NSW-2	Total/NA	Solid	8021B	28855
880-16516-28	NSW-3	Total/NA	Solid	8021B	28855
880-16516-29	ESW-1	Total/NA	Solid	8021B	28855
880-16516-30	ESW-2	Total/NA	Solid	8021B	28855
880-16516-31	ESW-3	Total/NA	Solid	8021B	28855
880-16516-32	ESW-4	Total/NA	Solid	8021B	28855
880-16516-33	ESW-5	Total/NA	Solid	8021B	28855
880-16516-34	SSW-1	Total/NA	Solid	8021B	28855
880-16516-35	SSW-2	Total/NA	Solid	8021B	28855
880-16516-36	SSW-3	Total/NA	Solid	8021B	28855
880-16516-37	WSW-1	Total/NA	Solid	8021B	28855
880-16516-38	WSW-2	Total/NA	Solid	8021B	28855
880-16516-39	WSW-3	Total/NA	Solid	8021B	28855
880-16516-40	WSW-4	Total/NA	Solid	8021B	28855
880-16516-41	WSW-5	Total/NA	Solid	8021B	28850
880-16516-42	WSW-6	Total/NA	Solid	8021B	28850
MB 880-28842/5-A	Method Blank	Total/NA	Solid	8021B	28842
MB 880-28850/5-A	Method Blank	Total/NA	Solid	8021B	28850
MB 880-28855/5-A	Method Blank	Total/NA	Solid	8021B	28855
LCS 880-28850/1-A	Lab Control Sample	Total/NA	Solid	8021B	28850
LCS 880-28855/1-A	Lab Control Sample	Total/NA	Solid	8021B	28855
LCSD 880-28850/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	28850
LCSD 880-28855/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	28855
880-16516-21 MS	S-27A	Total/NA	Solid	8021B	28855
880-16516-21 MSD	S-27A	Total/NA	Solid	8021B	28855

Analysis Batch: 29074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-16516-1	S-3A	Total/NA	Solid	Total BTEX	-
880-16516-2	S-4A	Total/NA	Solid	Total BTEX	
880-16516-3	S-6A	Total/NA	Solid	Total BTEX	
880-16516-4	S-7A	Total/NA	Solid	Total BTEX	
880-16516-5	S-8A	Total/NA	Solid	Total BTEX	
880-16516-6	S-11A	Total/NA	Solid	Total BTEX	
880-16516-7	S-13A	Total/NA	Solid	Total BTEX	
880-16516-8	S-14A	Total/NA	Solid	Total BTEX	
880-16516-9	S-15A	Total/NA	Solid	Total BTEX	
880-16516-10	S-16A	Total/NA	Solid	Total BTEX	
880-16516-11	S-17A	Total/NA	Solid	Total BTEX	
880-16516-12	S-18A	Total/NA	Solid	Total BTEX	
880-16516-13	S-19A	Total/NA	Solid	Total BTEX	
880-16516-14	S-20A	Total/NA	Solid	Total BTEX	
880-16516-15	S-21A	Total/NA	Solid	Total BTEX	
880-16516-16	S-22A	Total/NA	Solid	Total BTEX	
880-16516-17	S-23A	Total/NA	Solid	Total BTEX	
880-16516-18	S-24A	Total/NA	Solid	Total BTEX	

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Client: Talon/LPE Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

GC VOA (Continued)

Analysis Batch: 29074 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-19	S-25A	Total/NA	Solid	Total BTEX	
880-16516-20	S-26A	Total/NA	Solid	Total BTEX	
880-16516-21	S-27A	Total/NA	Solid	Total BTEX	
880-16516-22	S-28A	Total/NA	Solid	Total BTEX	
880-16516-23	S-29A	Total/NA	Solid	Total BTEX	
880-16516-24	S-30A	Total/NA	Solid	Total BTEX	
880-16516-25	S-31A	Total/NA	Solid	Total BTEX	
880-16516-26	S-32A	Total/NA	Solid	Total BTEX	
880-16516-27	NSW-2	Total/NA	Solid	Total BTEX	
880-16516-28	NSW-3	Total/NA	Solid	Total BTEX	
880-16516-29	ESW-1	Total/NA	Solid	Total BTEX	
880-16516-30	ESW-2	Total/NA	Solid	Total BTEX	
880-16516-31	ESW-3	Total/NA	Solid	Total BTEX	
880-16516-32	ESW-4	Total/NA	Solid	Total BTEX	
880-16516-33	ESW-5	Total/NA	Solid	Total BTEX	
880-16516-34	SSW-1	Total/NA	Solid	Total BTEX	
880-16516-35	SSW-2	Total/NA	Solid	Total BTEX	
880-16516-36	SSW-3	Total/NA	Solid	Total BTEX	
880-16516-37	WSW-1	Total/NA	Solid	Total BTEX	
880-16516-38	WSW-2	Total/NA	Solid	Total BTEX	
880-16516-39	WSW-3	Total/NA	Solid	Total BTEX	
880-16516-40	WSW-4	Total/NA	Solid	Total BTEX	
880-16516-41	WSW-5	Total/NA	Solid	Total BTEX	
880-16516-42	WSW-6	Total/NA	Solid	Total BTEX	

GC Semi VOA

Pren Batch: 28837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-16516-1	S-3A	Total/NA	Solid	8015NM Prep	
880-16516-2	S-4A	Total/NA	Solid	8015NM Prep	
880-16516-3	S-6A	Total/NA	Solid	8015NM Prep	
380-16516-4	S-7A	Total/NA	Solid	8015NM Prep	
880-16516-5	S-8A	Total/NA	Solid	8015NM Prep	
380-16516-6	S-11A	Total/NA	Solid	8015NM Prep	
880-16516-7	S-13A	Total/NA	Solid	8015NM Prep	
880-16516-8	S-14A	Total/NA	Solid	8015NM Prep	
380-16516-9	S-15A	Total/NA	Solid	8015NM Prep	
880-16516-10	S-16A	Total/NA	Solid	8015NM Prep	
380-16516-11	S-17A	Total/NA	Solid	8015NM Prep	
880-16516-12	S-18A	Total/NA	Solid	8015NM Prep	
880-16516-13	S-19A	Total/NA	Solid	8015NM Prep	
380-16516-14	S-20A	Total/NA	Solid	8015NM Prep	
380-16516-15	S-21A	Total/NA	Solid	8015NM Prep	
380-16516-16	S-22A	Total/NA	Solid	8015NM Prep	
880-16516-17	S-23A	Total/NA	Solid	8015NM Prep	
380-16516-18	S-24A	Total/NA	Solid	8015NM Prep	
880-16516-19	S-25A	Total/NA	Solid	8015NM Prep	
880-16516-20	S-26A	Total/NA	Solid	8015NM Prep	
MB 880-28837/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
_CS 880-28837/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1 SDG: Eddy Co NM

GC Semi VOA (Continued)

Prep Batch: 28837 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch
LCSD 880-28837/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep
880-16516-1 MS	S-3A	Total/NA	Solid	8015NM Prep
880-16516-1 MSD	S-3A	Total/NA	Solid	8015NM Prep

Prep Batch: 28839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-21	S-27A	Total/NA	Solid	8015NM Prep	
880-16516-22	S-28A	Total/NA	Solid	8015NM Prep	
880-16516-23	S-29A	Total/NA	Solid	8015NM Prep	
880-16516-24	S-30A	Total/NA	Solid	8015NM Prep	
880-16516-25	S-31A	Total/NA	Solid	8015NM Prep	
880-16516-26	S-32A	Total/NA	Solid	8015NM Prep	
880-16516-27	NSW-2	Total/NA	Solid	8015NM Prep	
880-16516-28	NSW-3	Total/NA	Solid	8015NM Prep	
880-16516-29	ESW-1	Total/NA	Solid	8015NM Prep	
880-16516-30	ESW-2	Total/NA	Solid	8015NM Prep	
880-16516-31	ESW-3	Total/NA	Solid	8015NM Prep	
880-16516-32	ESW-4	Total/NA	Solid	8015NM Prep	
880-16516-33	ESW-5	Total/NA	Solid	8015NM Prep	
880-16516-34	SSW-1	Total/NA	Solid	8015NM Prep	
880-16516-35	SSW-2	Total/NA	Solid	8015NM Prep	
880-16516-36	SSW-3	Total/NA	Solid	8015NM Prep	
880-16516-37	WSW-1	Total/NA	Solid	8015NM Prep	
880-16516-38	WSW-2	Total/NA	Solid	8015NM Prep	
880-16516-39	WSW-3	Total/NA	Solid	8015NM Prep	
880-16516-40	WSW-4	Total/NA	Solid	8015NM Prep	
MB 880-28839/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-28839/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-28839/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-16516-21 MS	S-27A	Total/NA	Solid	8015NM Prep	
880-16516-21 MSD	S-27A	Total/NA	Solid	8015NM Prep	

Prep Batch: 28906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-41	WSW-5	Total/NA	Solid	8015NM Prep	
880-16516-42	WSW-6	Total/NA	Solid	8015NM Prep	
MB 880-28906/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-28906/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-28906/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-16516-41 MS	WSW-5	Total/NA	Solid	8015NM Prep	
880-16516-41 MSD	WSW-5	Total/NA	Solid	8015NM Prep	

Analysis Batch: 28950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-21	S-27A	Total/NA	Solid	8015B NM	28839
880-16516-22	S-28A	Total/NA	Solid	8015B NM	28839
880-16516-23	S-29A	Total/NA	Solid	8015B NM	28839
880-16516-24	S-30A	Total/NA	Solid	8015B NM	28839
880-16516-25	S-31A	Total/NA	Solid	8015B NM	28839
880-16516-26	S-32A	Total/NA	Solid	8015B NM	28839
880-16516-27	NSW-2	Total/NA	Solid	8015B NM	28839

Client: Talon/LPE

Job ID: 880-16516-1

Project/Site: Bellatrix 28 Fed 01H

SDG: Eddy Co NM

GC Semi VOA (Continued)

Analysis Batch: 28950 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-28	NSW-3	Total/NA	Solid	8015B NM	28839
880-16516-29	ESW-1	Total/NA	Solid	8015B NM	28839
880-16516-30	ESW-2	Total/NA	Solid	8015B NM	28839
880-16516-31	ESW-3	Total/NA	Solid	8015B NM	28839
880-16516-32	ESW-4	Total/NA	Solid	8015B NM	28839
880-16516-33	ESW-5	Total/NA	Solid	8015B NM	28839
880-16516-34	SSW-1	Total/NA	Solid	8015B NM	28839
880-16516-35	SSW-2	Total/NA	Solid	8015B NM	28839
880-16516-36	SSW-3	Total/NA	Solid	8015B NM	28839
880-16516-37	WSW-1	Total/NA	Solid	8015B NM	28839
880-16516-38	WSW-2	Total/NA	Solid	8015B NM	28839
880-16516-39	WSW-3	Total/NA	Solid	8015B NM	28839
880-16516-40	WSW-4	Total/NA	Solid	8015B NM	28839
MB 880-28839/1-A	Method Blank	Total/NA	Solid	8015B NM	28839
LCS 880-28839/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	28839
LCSD 880-28839/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	28839
880-16516-21 MS	S-27A	Total/NA	Solid	8015B NM	28839
880-16516-21 MSD	S-27A	Total/NA	Solid	8015B NM	28839

Analysis Batch: 28952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-1	S-3A	Total/NA	Solid	8015B NM	28837
880-16516-2	S-4A	Total/NA	Solid	8015B NM	28837
880-16516-3	S-6A	Total/NA	Solid	8015B NM	28837
880-16516-4	S-7A	Total/NA	Solid	8015B NM	28837
880-16516-5	S-8A	Total/NA	Solid	8015B NM	28837
880-16516-6	S-11A	Total/NA	Solid	8015B NM	28837
880-16516-7	S-13A	Total/NA	Solid	8015B NM	28837
880-16516-8	S-14A	Total/NA	Solid	8015B NM	28837
880-16516-9	S-15A	Total/NA	Solid	8015B NM	28837
880-16516-10	S-16A	Total/NA	Solid	8015B NM	28837
880-16516-11	S-17A	Total/NA	Solid	8015B NM	28837
880-16516-12	S-18A	Total/NA	Solid	8015B NM	28837
880-16516-13	S-19A	Total/NA	Solid	8015B NM	28837
880-16516-14	S-20A	Total/NA	Solid	8015B NM	28837
880-16516-15	S-21A	Total/NA	Solid	8015B NM	28837
880-16516-16	S-22A	Total/NA	Solid	8015B NM	28837
880-16516-17	S-23A	Total/NA	Solid	8015B NM	28837
880-16516-18	S-24A	Total/NA	Solid	8015B NM	28837
880-16516-19	S-25A	Total/NA	Solid	8015B NM	28837
880-16516-20	S-26A	Total/NA	Solid	8015B NM	28837
MB 880-28837/1-A	Method Blank	Total/NA	Solid	8015B NM	28837
LCS 880-28837/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	28837
LCSD 880-28837/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	28837
880-16516-1 MS	S-3A	Total/NA	Solid	8015B NM	28837
880-16516-1 MSD	S-3A	Total/NA	Solid	8015B NM	28837

Analysis Batch: 28973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-41	WSW-5	Total/NA	Solid	8015B NM	28906
880-16516-42	WSW-6	Total/NA	Solid	8015B NM	28906

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Client: Talon/LPE Job ID: 880-16516-1
Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

GC Semi VOA (Continued)

Analysis Batch: 28973 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-28906/1-A	Method Blank	Total/NA	Solid	8015B NM	28906
LCS 880-28906/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	28906
LCSD 880-28906/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	28906
880-16516-41 MS	WSW-5	Total/NA	Solid	8015B NM	28906
880-16516-41 MSD	WSW-5	Total/NA	Solid	8015B NM	28906

Analysis Batch: 29025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-1	S-3A	Total/NA	Solid	8015 NM	
880-16516-2	S-4A	Total/NA	Solid	8015 NM	
880-16516-3	S-6A	Total/NA	Solid	8015 NM	
880-16516-4	S-7A	Total/NA	Solid	8015 NM	
880-16516-5	S-8A	Total/NA	Solid	8015 NM	
880-16516-6	S-11A	Total/NA	Solid	8015 NM	
880-16516-7	S-13A	Total/NA	Solid	8015 NM	
880-16516-8	S-14A	Total/NA	Solid	8015 NM	
880-16516-9	S-15A	Total/NA	Solid	8015 NM	
880-16516-10	S-16A	Total/NA	Solid	8015 NM	
880-16516-11	S-17A	Total/NA	Solid	8015 NM	
880-16516-12	S-18A	Total/NA	Solid	8015 NM	
880-16516-13	S-19A	Total/NA	Solid	8015 NM	
880-16516-14	S-20A	Total/NA	Solid	8015 NM	
880-16516-15	S-21A	Total/NA	Solid	8015 NM	
880-16516-16	S-22A	Total/NA	Solid	8015 NM	
880-16516-17	S-23A	Total/NA	Solid	8015 NM	
880-16516-18	S-24A	Total/NA	Solid	8015 NM	
880-16516-19	S-25A	Total/NA	Solid	8015 NM	
880-16516-20	S-26A	Total/NA	Solid	8015 NM	
880-16516-21	S-27A	Total/NA	Solid	8015 NM	
880-16516-22	S-28A	Total/NA	Solid	8015 NM	
880-16516-23	S-29A	Total/NA	Solid	8015 NM	
880-16516-24	S-30A	Total/NA	Solid	8015 NM	
880-16516-25	S-31A	Total/NA	Solid	8015 NM	
880-16516-26	S-32A	Total/NA	Solid	8015 NM	
880-16516-27	NSW-2	Total/NA	Solid	8015 NM	
880-16516-28	NSW-3	Total/NA	Solid	8015 NM	
880-16516-29	ESW-1	Total/NA	Solid	8015 NM	
880-16516-30	ESW-2	Total/NA	Solid	8015 NM	
880-16516-31	ESW-3	Total/NA	Solid	8015 NM	
880-16516-32	ESW-4	Total/NA	Solid	8015 NM	
880-16516-33	ESW-5	Total/NA	Solid	8015 NM	
880-16516-34	SSW-1	Total/NA	Solid	8015 NM	
880-16516-35	SSW-2	Total/NA	Solid	8015 NM	
880-16516-36	SSW-3	Total/NA	Solid	8015 NM	
880-16516-37	WSW-1	Total/NA	Solid	8015 NM	
880-16516-38	WSW-2	Total/NA	Solid	8015 NM	
880-16516-39	WSW-3	Total/NA	Solid	8015 NM	
880-16516-40	WSW-4	Total/NA	Solid	8015 NM	
880-16516-41	WSW-5	Total/NA	Solid	8015 NM	
880-16516-42	WSW-6	Total/NA	Solid	8015 NM	

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Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1 SDG: Eddy Co NM

HPLC/IC

Leach Batch: 28828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-16516-1	S-3A	Soluble	Solid	DI Leach	
880-16516-2	S-4A	Soluble	Solid	DI Leach	
880-16516-3	S-6A	Soluble	Solid	DI Leach	
880-16516-4	S-7A	Soluble	Solid	DI Leach	
880-16516-5	S-8A	Soluble	Solid	DI Leach	
880-16516-6	S-11A	Soluble	Solid	DI Leach	
880-16516-7	S-13A	Soluble	Solid	DI Leach	
880-16516-8	S-14A	Soluble	Solid	DI Leach	
880-16516-9	S-15A	Soluble	Solid	DI Leach	
880-16516-10	S-16A	Soluble	Solid	DI Leach	
880-16516-11	S-17A	Soluble	Solid	DI Leach	
880-16516-12	S-18A	Soluble	Solid	DI Leach	
880-16516-13	S-19A	Soluble	Solid	DI Leach	
880-16516-14	S-20A	Soluble	Solid	DI Leach	
880-16516-15	S-21A	Soluble	Solid	DI Leach	
880-16516-16	S-22A	Soluble	Solid	DI Leach	
880-16516-17	S-23A	Soluble	Solid	DI Leach	
880-16516-18	S-24A	Soluble	Solid	DI Leach	
880-16516-19	S-25A	Soluble	Solid	DI Leach	
880-16516-20	S-26A	Soluble	Solid	DI Leach	
MB 880-28828/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-28828/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28828/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16516-1 MS	S-3A	Soluble	Solid	DI Leach	
880-16516-1 MSD	S-3A	Soluble	Solid	DI Leach	
880-16516-11 MS	S-17A	Soluble	Solid	DI Leach	
880-16516-11 MSD	S-17A	Soluble	Solid	DI Leach	

Leach Batch: 28829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-16516-21	S-27A	Soluble	Solid	DI Leach	
880-16516-22	S-28A	Soluble	Solid	DI Leach	
380-16516-23	S-29A	Soluble	Solid	DI Leach	
380-16516-24	S-30A	Soluble	Solid	DI Leach	
880-16516-25	S-31A	Soluble	Solid	DI Leach	
880-16516-26	S-32A	Soluble	Solid	DI Leach	
880-16516-27	NSW-2	Soluble	Solid	DI Leach	
380-16516-28	NSW-3	Soluble	Solid	DI Leach	
880-16516-29	ESW-1	Soluble	Solid	DI Leach	
880-16516-30	ESW-2	Soluble	Solid	DI Leach	
80-16516-31	ESW-3	Soluble	Solid	DI Leach	
880-16516-32	ESW-4	Soluble	Solid	DI Leach	
80-16516-33	ESW-5	Soluble	Solid	DI Leach	
880-16516-34	SSW-1	Soluble	Solid	DI Leach	
880-16516-35	SSW-2	Soluble	Solid	DI Leach	
880-16516-36	SSW-3	Soluble	Solid	DI Leach	
880-16516-37	WSW-1	Soluble	Solid	DI Leach	
880-16516-38	WSW-2	Soluble	Solid	DI Leach	
80-16516-39	WSW-3	Soluble	Solid	DI Leach	
880-16516-40	WSW-4	Soluble	Solid	DI Leach	
MB 880-28829/1-A	Method Blank	Soluble	Solid	DI Leach	

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1 SDG: Eddy Co NM

HPLC/IC (Continued)

Leach Batch: 28829 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-28829/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28829/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16516-21 MS	S-27A	Soluble	Solid	DI Leach	
880-16516-21 MSD	S-27A	Soluble	Solid	DI Leach	
880-16516-31 MS	ESW-3	Soluble	Solid	DI Leach	
880-16516-31 MSD	ESW-3	Soluble	Solid	DI Leach	

Leach Batch: 28862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-41	WSW-5	Soluble	Solid	DI Leach	
880-16516-42	WSW-6	Soluble	Solid	DI Leach	
MB 880-28862/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-28862/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28862/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16534-A-8-G MS	Matrix Spike	Soluble	Solid	DI Leach	
880-16534-A-8-H MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 28936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-41	WSW-5	Soluble	Solid	300.0	28862
880-16516-42	WSW-6	Soluble	Solid	300.0	28862
MB 880-28862/1-A	Method Blank	Soluble	Solid	300.0	28862
LCS 880-28862/2-A	Lab Control Sample	Soluble	Solid	300.0	28862
LCSD 880-28862/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28862
880-16534-A-8-G MS	Matrix Spike	Soluble	Solid	300.0	28862
880-16534-A-8-H MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	28862

Analysis Batch: 28942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-1	S-3A	Soluble	Solid	300.0	28828
880-16516-2	S-4A	Soluble	Solid	300.0	28828
880-16516-3	S-6A	Soluble	Solid	300.0	28828
880-16516-4	S-7A	Soluble	Solid	300.0	28828
880-16516-5	S-8A	Soluble	Solid	300.0	28828
880-16516-6	S-11A	Soluble	Solid	300.0	28828
880-16516-7	S-13A	Soluble	Solid	300.0	28828
880-16516-8	S-14A	Soluble	Solid	300.0	28828
880-16516-9	S-15A	Soluble	Solid	300.0	28828
380-16516-10	S-16A	Soluble	Solid	300.0	28828
380-16516-11	S-17A	Soluble	Solid	300.0	28828
380-16516-12	S-18A	Soluble	Solid	300.0	28828
380-16516-13	S-19A	Soluble	Solid	300.0	28828
380-16516-14	S-20A	Soluble	Solid	300.0	28828
380-16516-15	S-21A	Soluble	Solid	300.0	28828
380-16516-16	S-22A	Soluble	Solid	300.0	28828
380-16516-17	S-23A	Soluble	Solid	300.0	28828
880-16516-18	S-24A	Soluble	Solid	300.0	28828
380-16516-19	S-25A	Soluble	Solid	300.0	28828
380-16516-20	S-26A	Soluble	Solid	300.0	28828
MB 880-28828/1-A	Method Blank	Soluble	Solid	300.0	28828
LCS 880-28828/2-A	Lab Control Sample	Soluble	Solid	300.0	28828

Client: Talon/LPE Job ID: 880-16516-1
Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

HPLC/IC (Continued)

Analysis Batch: 28942 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-28828/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28828
880-16516-1 MS	S-3A	Soluble	Solid	300.0	28828
880-16516-1 MSD	S-3A	Soluble	Solid	300.0	28828
880-16516-11 MS	S-17A	Soluble	Solid	300.0	28828
880-16516-11 MSD	S-17A	Soluble	Solid	300.0	28828

Analysis Batch: 28943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16516-21	S-27A	Soluble	Solid	300.0	28829
880-16516-22	S-28A	Soluble	Solid	300.0	28829
880-16516-23	S-29A	Soluble	Solid	300.0	28829
880-16516-24	S-30A	Soluble	Solid	300.0	28829
880-16516-25	S-31A	Soluble	Solid	300.0	28829
880-16516-26	S-32A	Soluble	Solid	300.0	28829
880-16516-27	NSW-2	Soluble	Solid	300.0	28829
880-16516-28	NSW-3	Soluble	Solid	300.0	28829
880-16516-29	ESW-1	Soluble	Solid	300.0	28829
880-16516-30	ESW-2	Soluble	Solid	300.0	28829
880-16516-31	ESW-3	Soluble	Solid	300.0	28829
880-16516-32	ESW-4	Soluble	Solid	300.0	28829
880-16516-33	ESW-5	Soluble	Solid	300.0	28829
880-16516-34	SSW-1	Soluble	Solid	300.0	28829
880-16516-35	SSW-2	Soluble	Solid	300.0	28829
880-16516-36	SSW-3	Soluble	Solid	300.0	28829
880-16516-37	WSW-1	Soluble	Solid	300.0	28829
880-16516-38	WSW-2	Soluble	Solid	300.0	28829
880-16516-39	WSW-3	Soluble	Solid	300.0	28829
880-16516-40	WSW-4	Soluble	Solid	300.0	28829
MB 880-28829/1-A	Method Blank	Soluble	Solid	300.0	28829
LCS 880-28829/2-A	Lab Control Sample	Soluble	Solid	300.0	28829
LCSD 880-28829/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28829
880-16516-21 MS	S-27A	Soluble	Solid	300.0	28829
880-16516-21 MSD	S-27A	Soluble	Solid	300.0	28829
880-16516-31 MS	ESW-3	Soluble	Solid	300.0	28829
880-16516-31 MSD	ESW-3	Soluble	Solid	300.0	28829

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Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: S-3A

Date Collected: 06/30/22 11:48 Date Received: 07/01/22 08:12 Lab Sample ID: 880-16516-1

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			4.99 g	5 mL	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 10:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/03/22 23:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	28828	07/01/22 10:09	CH	XEN MIC
Soluble	Analysis	300.0		1			28942	07/02/22 20:25	CH	XEN MID

Client Sample ID: S-4A Lab Sample ID: 880-16516-2

Date Collected: 06/30/22 11:44

Date Received: 07/01/22 08:12

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			4.98 g	5 mL	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 10:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 00:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28828	07/01/22 10:09	СН	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 20:52	CH	XEN MID

Client Sample ID: S-6A Lab Sample ID: 880-16516-3 **Matrix: Solid**

Date Collected: 06/30/22 11:40 Date Received: 07/01/22 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	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 11:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 00:29	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28828	07/01/22 10:09	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 21:01	CH	XEN MID

Client Sample ID: S-7A Lab Sample ID: 880-16516-4

Date Collected: 06/30/22 11:38 Date Received: 07/01/22 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			5.03 g	5 mL	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 11:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID

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Matrix: Solid

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Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: S-7A

Date Collected: 06/30/22 11:38 Date Received: 07/01/22 08:12 Lab Sample ID: 880-16516-4

Matrix: Solid

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			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 00:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28828	07/01/22 10:09	СН	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 21:11	CH	XEN MID

Client Sample ID: S-8A Lab Sample ID: 880-16516-5

Date Collected: 06/30/22 11:35

Date Received: 07/01/22 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			5.01 g	5 mL	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 11:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 01:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28828	07/01/22 10:09	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 21:20	CH	XEN MID

Client Sample ID: S-11A Lab Sample ID: 880-16516-6 Date Collected: 06/30/22 11:25 **Matrix: Solid**

Date Received: 07/01/22 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			5.02 g	5 mL	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 12:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 01:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	28828	07/01/22 10:09	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 21:48	CH	XEN MID

Lab Sample ID: 880-16516-7 Client Sample ID: S-13A

Date Collected: 06/30/22 11:20 Date Received: 07/01/22 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	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 12:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.02 g	10 mL	28837 28952	07/01/22 11:24 07/04/22 01:49	DM AJ	XEN MID XEN MID

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Matrix: Solid

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Released to Imaging: 7/3/2023 10:37:42 AM

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: S-13A

Date Collected: 06/30/22 11:20 Date Received: 07/01/22 08:12 Lab Sample ID: 880-16516-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	28828	07/01/22 10:09	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 21:57	CH	XEN MID

Client Sample ID: S-14A Lab Sample ID: 880-16516-8

Date Collected: 06/30/22 11:15 Date Received: 07/01/22 08:12 **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			4.99 g	5 mL	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 12:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 02:10	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	28828	07/01/22 10:09	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 22:06	CH	XEN MID

Client Sample ID: S-15A Lab Sample ID: 880-16516-9

Date Collected: 06/30/22 11:13

Matrix: Solid

Date Received: 07/01/22 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			4.98 g	5 mL	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 13:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 02:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28828	07/01/22 10:09	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 22:15	CH	XEN MID

Client Sample ID: S-16A Lab Sample ID: 880-16516-10

Date Collected: 06/30/22 11:10 Date Received: 07/01/22 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	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 13:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 02:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28828	07/01/22 10:09	СН	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 22:24	CH	XEN MID

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Matrix: Solid

Job ID: 880-16516-1 SDG: Eddy Co NM

Client Sample ID: S-17A

Client: Talon/LPE

Date Collected: 06/30/22 11:08 Date Received: 07/01/22 08:12

Project/Site: Bellatrix 28 Fed 01H

Lab Sample ID: 880-16516-11

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			5.03 g	5 mL	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 14:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 03:30	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28828	07/01/22 10:09	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 22:34	CH	XEN MID

Client Sample ID: S-18A Lab Sample ID: 880-16516-12

Date Collected: 06/30/22 11:03 Date Received: 07/01/22 08:12 Matrix: Solid

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			4.97 g	5 mL	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 15:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 03:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	28828	07/01/22 10:09	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 23:01	CH	XEN MID

Client Sample ID: S-19A Lab Sample ID: 880-16516-13

Date Collected: 06/30/22 13:08 Date Received: 07/01/22 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			4.95 g	5 mL	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 15:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 04:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28828	07/01/22 10:09	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 23:11	CH	XEN MID

Client Sample ID: S-20A Lab Sample ID: 880-16516-14

Date Collected: 06/30/22 13:05 Date Received: 07/01/22 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	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 15:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID

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Matrix: Solid

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Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: S-20A

Date Collected: 06/30/22 13:05 Date Received: 07/01/22 08:12 Lab Sample ID: 880-16516-14

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			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 04:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28828	07/01/22 10:09	СН	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 23:38	CH	XEN MID

Client Sample ID: S-21A Lab Sample ID: 880-16516-15

Date Collected: 06/30/22 13:02 Date Received: 07/01/22 08:12 **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			5.03 g	5 mL	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 16:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 04:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28828	07/01/22 10:09	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 23:48	CH	XEN MID

Client Sample ID: S-22A Lab Sample ID: 880-16516-16

Date Collected: 06/30/22 13:00 Date Received: 07/01/22 08:12 **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			5.01 g	5 mL	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 16:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 05:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28828	07/01/22 10:09	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 23:57	CH	XEN MID

Lab Sample ID: 880-16516-17 Client Sample ID: S-23A

Date Collected: 06/30/22 12:58 Date Received: 07/01/22 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	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 16:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 05:31	Α.Ι	XEN MID

Eurofins Midland

Matrix: Solid

Released to Imaging: 7/3/2023 10:37:42 AM

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: S-23A

Date Collected: 06/30/22 12:58 Date Received: 07/01/22 08:12 Lab Sample ID: 880-16516-17

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	28828	07/01/22 10:09	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/03/22 00:06	CH	XEN MID

Client Sample ID: S-24A Lab Sample ID: 880-16516-18

Date Collected: 06/30/22 12:55 Date Received: 07/01/22 08:12

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			5.02 g	5 mL	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 17:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 05:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28828	07/01/22 10:09	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/03/22 00:15	CH	XEN MID

Client Sample ID: S-25A Lab Sample ID: 880-16516-19

Date Collected: 06/30/22 12:52

Matrix: Solid

Matrix: Solid

Date Received: 07/01/22 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			5.03 g	5 mL	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 17:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 06:12	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	28828	07/01/22 10:09	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/03/22 00:24	CH	XEN MID

Client Sample ID: S-26A Lab Sample ID: 880-16516-20

Date Collected: 06/30/22 12:50 Date Received: 07/01/22 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			4.99 g	5 mL	28852	07/01/22 12:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28820	07/02/22 17:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28837	07/01/22 11:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28952	07/04/22 06:32	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28828	07/01/22 10:09	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/03/22 00:34	CH	XEN MID

Client Sample ID: S-27A

Lab Sample ID: 880-16516-21

Date Collected: 06/30/22 13:35 Date Received: 07/01/22 08:12

Project/Site: Bellatrix 28 Fed 01H

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			5.01 g	5 mL	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 16:41	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/03/22 23:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	28829	07/01/22 10:15	CH	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 07:10	CH	XEN MID

Lab Sample ID: 880-16516-22

Client Sample ID: S-28A Date Collected: 06/30/22 13:38

Matrix: Solid

Date Received: 07/01/22 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			5.02 g	5 mL	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 17:02	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 00:09	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28829	07/01/22 10:15	CH	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 07:38	CH	XEN MID

Lab Sample ID: 880-16516-23

Matrix: Solid

Client Sample ID: S-29A Date Collected: 06/30/22 13:40

Date Received: 07/01/22 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			5.00 g	5 mL	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 17:22	AJ	XEN MIC
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 00:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28829	07/01/22 10:15	СН	XEN MIC
Soluble	Analysis	300.0		1			28943	07/03/22 07:47	CH	XEN MID

Client Sample ID: S-30A Lab Sample ID: 880-16516-24

Date Collected: 06/30/22 13:42 Date Received: 07/01/22 08:12 **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	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 17:43	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: S-30A

Date Collected: 06/30/22 13:42 Date Received: 07/01/22 08:12 Lab Sample ID: 880-16516-24

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			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 00:49	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28829	07/01/22 10:15	СН	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 07:56	CH	XEN MID

Client Sample ID: S-31A Lab Sample ID: 880-16516-25 Date Collected: 06/30/22 13:46

Date Received: 07/01/22 08:12

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			4.97 g	5 mL	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 18:03	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 01:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28829	07/01/22 10:15	CH	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 08:05	CH	XEN MID

Client Sample ID: S-32A Lab Sample ID: 880-16516-26

Date Collected: 06/30/22 13:44 Date Received: 07/01/22 08:12

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			5.01 g	5 mL	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 18:24	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 01:30	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	28829	07/01/22 10:15	CH	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 08:33	CH	XEN MID

Lab Sample ID: 880-16516-27 **Client Sample ID: NSW-2**

Date Collected: 06/30/22 13:10 Date Received: 07/01/22 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			5.05 g	5 mL	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 18:44	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 01:49	AJ	XEN MID

Eurofins Midland

Matrix: Solid

Released to Imaging: 7/3/2023 10:37:42 AM

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1 SDG: Eddy Co NM

Lab Sample ID: 880-16516-27

Client Sample ID: NSW-2 Date Collected: 06/30/22 13:10 Date Received: 07/01/22 08:12

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	28829	07/01/22 10:15	СН	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 08:42	CH	XEN MID

Client Sample ID: NSW-3 Lab Sample ID: 880-16516-28

Date Collected: 06/30/22 13:52 **Matrix: Solid**

Date Received: 07/01/22 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	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 19:05	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 02:10	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28829	07/01/22 10:15	CH	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 08:52	CH	XEN MID

Client Sample ID: ESW-1 Lab Sample ID: 880-16516-29

Date Collected: 06/30/22 12:15 Date Received: 07/01/22 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			4.99 g	5 mL	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 19:25	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 02:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28829	07/01/22 10:15	CH	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 09:01	CH	XEN MID

Client Sample ID: ESW-2 Lab Sample ID: 880-16516-30

Date Collected: 06/30/22 12:20 Date Received: 07/01/22 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			4.98 g	5 mL	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 19:46	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 02:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28829	07/01/22 10:15	CH	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 09:10	CH	XEN MID

Eurofins Midland

Matrix: Solid

Matrix: Solid

Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: ESW-3

Project/Site: Bellatrix 28 Fed 01H

Client: Talon/LPE

Lab Sample ID: 880-16516-31

Matrix: Solid

Date Collected: 06/30/22 13:12 Date Received: 07/01/22 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	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 21:08	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 03:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	28829	07/01/22 10:15	CH	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 09:19	CH	XEN MID

Client Sample ID: ESW-4 Lab Sample ID: 880-16516-32

Date Collected: 06/30/22 13:14 **Matrix: Solid** Date Received: 07/01/22 08:12

Dil Initial Final Batch Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 28855 Total/NA 4.95 g 5 mL 07/01/22 12:27 MR XEN MID Total/NA 8021B 5 mL 07/04/22 21:29 XEN MID Analysis 1 5 mL 28967 AJ Total/NA Total BTEX 29074 07/05/22 16:02 XEN MID Analysis 1 A.I Total/NA Analysis 8015 NM 29025 07/05/22 11:42 XEN MID Total/NA 28839 XEN MID Prep 8015NM Prep 10.03 g 07/01/22 11:27 DM 10 mL Total/NA Analysis 8015B NM 28950 07/04/22 03:50 AJ XEN MID Soluble XEN MID Leach DI Leach 5 g 50 mL 28829 07/01/22 10:15 CH Soluble Analysis 300.0 28943 07/03/22 09:47 CH XEN MID

Client Sample ID: ESW-5 Lab Sample ID: 880-16516-33

Date Collected: 06/30/22 13:55 **Matrix: Solid** Date Received: 07/01/22 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			5.01 g	5 mL	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 21:49	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 04:10	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	28829	07/01/22 10:15	CH	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 09:56	CH	XEN MID

Client Sample ID: SSW-1 Lab Sample ID: 880-16516-34

Date Collected: 06/30/22 12:35 **Matrix: Solid** Date Received: 07/01/22 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			5.03 g	5 mL	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 22:10	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID

Eurofins Midland

Released to Imaging: 7/3/2023 10:37:42 AM

Soluble

Project/Site: Bellatrix 28 Fed 01H

Date Received: 07/01/22 08:12

Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: SSW-1 Lab Sample ID: 880-16516-34 Date Collected: 06/30/22 12:35

Matrix: Solid

		Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Pre	р Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Tota	al/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Tota	al/NA	Prep	8015NM Prep			10.01 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Tota	al/NA	Analysis	8015B NM		1			28950	07/04/22 04:30	AJ	XEN MID
Sol	uble	Leach	DI Leach			5.03 g	50 mL	28829	07/01/22 10:15	СН	XEN MID

1

Client Sample ID: SSW-2 Lab Sample ID: 880-16516-35

28943

07/03/22 10:24 CH

Matrix: Solid

Date Collected: 06/30/22 13:16 Date Received: 07/01/22 08:12

Analysis

300.0

XEN MID

	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	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 22:31	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.02 g	10 mL	28839 28950	07/01/22 11:27 07/04/22 04:50	DM AJ	XEN MID XEN MID
	,			'	5.04	50 l		***************************************		
Soluble Soluble	Leach Analysis	DI Leach 300.0		1	5.04 g	50 mL	28829 28943	07/01/22 10:15 07/03/22 10:33	CH CH	XEN MID XEN MID

Client Sample ID: SSW-3 Lab Sample ID: 880-16516-36

Date Collected: 06/30/22 13:48 Date Received: 07/01/22 08:12

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			5.02 g	5 mL	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 22:51	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 05:10	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28829	07/01/22 10:15	CH	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 10:42	CH	XEN MID

Client Sample ID: WSW-1 Lab Sample ID: 880-16516-37

Date Collected: 06/30/22 12:25 Date Received: 07/01/22 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	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 23:12	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 05:31	AJ	XEN MID

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Matrix: Solid

Project/Site: Bellatrix 28 Fed 01H

SDG: Eddy Co NM

Client Sample ID: WSW-1 Lab Sample ID: 880-16516-37

Matrix: Solid

Job ID: 880-16516-1

Date Collected: 06/30/22 12:25 Date Received: 07/01/22 08:12

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	28829	07/01/22 10:15	CH	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 10:51	CH	XEN MID

Client Sample ID: WSW-2 Lab Sample ID: 880-16516-38

Date Collected: 06/30/22 12:30 **Matrix: Solid**

Date Received: 07/01/22 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			4.99 g	5 mL	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 23:32	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 05:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28829	07/01/22 10:15	CH	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 11:01	CH	XEN MID

Client Sample ID: WSW-3 Lab Sample ID: 880-16516-39

Date Collected: 06/30/22 12:32 Date Received: 07/01/22 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			4.95 g	5 mL	28855	07/01/22 12:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 23:53	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 06:12	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	28829	07/01/22 10:15	CH	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 11:10	CH	XEN MID

Client Sample ID: WSW-4 Lab Sample ID: 880-16516-40

Date Collected: 06/30/22 13:18 Date Received: 07/01/22 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			5.01 g	5 mL	28855	07/01/22 12:27	MR	XEN MIC
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/05/22 00:13	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 06:32	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	28829	07/01/22 10:15	СН	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 11:19	CH	XEN MID

Eurofins Midland

Matrix: Solid

Matrix: Solid

Lab Chronicle

Client: Talon/LPE Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Client Sample ID: WSW-5 Lab Sample ID: 880-16516-41

Date Collected: 06/30/22 13:20 Matrix: Solid Date Received: 07/01/22 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	28850	07/01/22 15:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 09:09	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28906	07/01/22 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28973	07/04/22 12:18	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28862	07/01/22 12:47	SMC	XEN MID
Soluble	Analysis	300.0		1			28936	07/03/22 02:15	CH	XEN MID

Client Sample ID: WSW-6 Lab Sample ID: 880-16516-42 Matrix: Solid

Date Collected: 06/30/22 13:50 Date Received: 07/01/22 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	28850	07/01/22 15:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 10:32	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29025	07/05/22 11:42	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28906	07/01/22 16:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28973	07/04/22 13:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28862	07/01/22 12:47	SMC	XEN MIC
Soluble	Analysis	300.0		1			28936	07/03/22 02:24	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Talon/LPE Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM

Laboratory: Eurofins Midland

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

Authority	Pr	ogram	Identification Number	Expiration Date
Texas	NE	ELAP	T104704400-22-23	06-30-23
The following analytes	are included in this report, but	it the laboratory is not certific	ed by the governing authority. This list ma	av include analytes fo
the agency does not of	• •	ic and laboratory to fior corum	bu by the governing authority. This list his	ay include analytes to
,	• •	Matrix	Analyte	ay illolude allalytes lo
the agency does not of	fer certification.	,	, , ,	ay include allalytes lo

Method Summary

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1

SDG: Eddy Co NM

/lethod	Method Description	Protocol	Laboratory
3021B	Volatile Organic Compounds (GC)	SW846	XEN MID
otal BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
00.0	Anions, Ion Chromatography	MCAWW	XEN MID
035	Closed System Purge and Trap	SW846	XEN MID
015NM Prep	Microextraction	SW846	XEN MID
I Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. 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:

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

Eurofins Midland

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Sample Summary

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16516-1 SDG: Eddy Co NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-16516-1	S-3A	Solid	06/30/22 11:48	07/01/22 08:12
880-16516-2	S-4A	Solid	06/30/22 11:44	07/01/22 08:12
880-16516-3	S-6A	Solid	06/30/22 11:40	07/01/22 08:12
880-16516-4	S-7A	Solid	06/30/22 11:38	07/01/22 08:12
880-16516-5	S-8A	Solid	06/30/22 11:35	07/01/22 08:12
880-16516-6	S-11A	Solid	06/30/22 11:25	07/01/22 08:12
880-16516-7	S-13A	Solid	06/30/22 11:20	07/01/22 08:12
880-16516-8	S-14A	Solid	06/30/22 11:15	07/01/22 08:12
880-16516-9	S-15A	Solid	06/30/22 11:13	07/01/22 08:12
880-16516-10	S-16A	Solid	06/30/22 11:10	07/01/22 08:12
880-16516-11	S-17A	Solid	06/30/22 11:08	07/01/22 08:12
880-16516-12	S-18A	Solid	06/30/22 11:03	07/01/22 08:12
880-16516-13	S-19A	Solid	06/30/22 13:08	07/01/22 08:12
880-16516-14	S-20A	Solid	06/30/22 13:05	07/01/22 08:12
880-16516-15	S-21A	Solid	06/30/22 13:02	07/01/22 08:12
880-16516-16	S-22A	Solid	06/30/22 13:00	07/01/22 08:12
880-16516-17	S-23A	Solid	06/30/22 12:58	07/01/22 08:12
880-16516-18	S-24A	Solid	06/30/22 12:55	07/01/22 08:12
380-16516-19	S-25A	Solid	06/30/22 12:52	07/01/22 08:12
80-16516-20	S-26A	Solid	06/30/22 12:50	07/01/22 08:12
80-16516-21	S-27A	Solid	06/30/22 13:35	07/01/22 08:12
80-16516-22	S-28A	Solid	06/30/22 13:38	07/01/22 08:12
80-16516-23	S-29A	Solid	06/30/22 13:40	07/01/22 08:12
80-16516-24	S-30A	Solid	06/30/22 13:42	07/01/22 08:12
80-16516-25	S-31A	Solid	06/30/22 13:46	07/01/22 08:12
80-16516-26	S-32A	Solid	06/30/22 13:44	07/01/22 08:12
880-16516-27	NSW-2	Solid	06/30/22 13:10	07/01/22 08:12
380-16516-28	NSW-3	Solid	06/30/22 13:52	07/01/22 08:12
880-16516-29	ESW-1	Solid	06/30/22 12:15	07/01/22 08:12
880-16516-30	ESW-2	Solid	06/30/22 12:20	07/01/22 08:12
880-16516-31	ESW-3	Solid	06/30/22 13:12	07/01/22 08:12
880-16516-32	ESW-4	Solid	06/30/22 13:14	07/01/22 08:12
880-16516-33	ESW-5	Solid	06/30/22 13:55	07/01/22 08:12
880-16516-34	SSW-1	Solid	06/30/22 12:35	07/01/22 08:12
880-16516-35	SSW-2	Solid	06/30/22 13:16	07/01/22 08:12
880-16516-36	SSW-3	Solid	06/30/22 13:48	07/01/22 08:12
880-16516-37	WSW-1	Solid	06/30/22 12:25	07/01/22 08:12
880-16516-38	WSW-2	Solid	06/30/22 12:30	07/01/22 08:12
880-16516-39	WSW-3	Solid	06/30/22 12:32	07/01/22 08:12
880-16516-40	WSW-4	Solid	06/30/22 13:18	07/01/22 08:12
880-16516-41	WSW-5	Solid	06/30/22 13:20	07/01/22 08:12

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	Project Manager:				COC No
Client Contact	Email: ktaylor@talonlpe.com	e.com	Site Contact:	Date:	of 5 cocs
Talon LPE	Tel/Fax:		Lab Contact:	Carrier:	#
408 W Texas Ave	Analysis Tu	Analysis Turnaround Time			Sampler K. TAM OF
Artesia, NM	CALENDAR DAYS	─ WORKING DAYS			For Lab Use Only:
432-210-5443 Phone	TAT if different from Below	m Below	N)		Walk-in Client:
(xxx) xxx-xxxx FAX		2 weeks			Lab Sampling
28 Fed 01		1 week			Tag Camping
Site Eddy County, NM	√ 2 c	2 days	ISD		Db / 000 Ni
P O # 21005322		1 day	S / N 300.		SOD ACCOUNTS
	Sample Sample		tered Sarform M lorides EX 8021		
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3-TA	6/30/22	CS	1 × × ×		
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S-8A	6/30/22 1135	C S	×		
€ 9A	6/30/22	S	***		
S.10A	6/30/22	CS	X		
S-11A	6/30/22 1125	C S	× × ×		
S-12A	6/30/22	8	×		
iion Used: 1= lce, 2= HCl; 3= H2SO4; 4=HNO3;	5=NaOH; 6= Other		1		
o i	e List any EPA Waste	Codes for the sample	Sample Disposal (A t	fee may be assessed if samples are retained longer than 1 month)	ained longer than 1 month)
Non-Hazard Flammable Skin Irritant	Poison B	Unknown	Return to Client	Disposal by Lab Archive for	or Months
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act: Yes No	Custody Seal No			Obs'd	Therm ID No
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S-24A S-23A S-14A S-22A S-21A S-20A S-19A S-18A S-17A S-16A S-15A S-13A # # # *** Special Instructions/QC Requirements & Comments: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Possible Hazard Identification: Preservation Used: 1= lce, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other P O # 21005322 Relinquished by: Relinquished by Comments Section if the lab is to dispose of the sample Site Eddy County, NM 408 W Texas Ave xxx) xxx-xxxx F₄
Project Name Bellatrix 28 Fed 01H 132-210-5443 Artesia, NM alon LPE Custody Seals Intact Mulsiped by: Sample Identification Client Contact Phone Ύes 8 Company. Company Tel/Fax: Company Custody Seal No 6/30/22 Email: ktaylor@talonlpe.com 6/30/22 6/30/22 6/30/22 6/30/22 6/30/22 6/30/22 6/30/22 6/30/22 6/30/22 6/30/22 Project Manager: 6/30/22 Sample CALENDAR DAYS Regulatory Program: TAT if different from Below **Analysis Turnaround Time** 0111 1103 2051 いいのか いいに 1113 255 50% =5 Sample \$2C 1300 120 Time 1 day 2 days 1 week 2 weeks Type (C=Comp, G=Grab) Sample ဂ ဂ ဂ ဂ ဂ ဂ ဂ ဂ ဂ ဂ ဂ ဂ WORKING DAYS DW Date/Time アートンコ Date/Time Date/Time S S S S S S S S S S S S NPDES Cont. _ Filtered Sample (Y/N) Site Contact: Perform MS / MSD (Y / N) RCRA Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Réceived in Laboratory by Chlorides 300 0 $\overline{\times}$ $\overline{\times}$ $\overline{\times}$ × × × × $\overline{\times}$ **BTEX 8021** $\overline{\times}$ $\overline{\times}$ $\overline{\times}$ $\overline{\times}$ Other TPH 8015M (°C) Obs'd Date: Carrier: Company: Company: Company **Eurofins Environment Testing America** Lab Sampling Walk-in Client: For Lab Use Only: Date/Time Date/Time Date/Time Therm ID No Job / SDG No COC No 「ALS Project # Sample Specific Notes g J Page 80 of 84

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	Project Manager:	nager:																	0	COC No	
Client Contact	Email. ktaylor@talonlpe.com	or@talonipe.	com		Si	Site Contact:	ntact	"		l	l	Date:	۳		١				\dashv	S of S cocs	
Talon LPE	Tel/Fax:				Lal	Lab Contact:	ntact	"				Carrier:	큠		1				커	#	
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Project Name Bellatrix 28 Fed 01H		1 week	<u> </u>			()															
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NSW-8	6/30/22	1352	င	S		×	×	×													1
ESW-1	6/30/22	12/5	С	S 1		×	×	×													AI
Preservation Used: 1= lce, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other	5=NaOH; 6:	= Other				H	H				H			4	\dashv	\exists		Ц	\dashv		':42
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample	e List any El	PA Waste C	odes for th	e sample ır	ı the	Sam	pie [Dispo	sal (A	fee n	nay b	e ass	ess	ed ≓	sam	ples	are	etai	ned I	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	10:37
Non-Hazard Flammable Skin Irritant	Poison B		Unknown				Retur	Return to Client	ient			Disposal by Lab	ا by ل	ö			Archive for	e for_		Months	023
Special Instructions/QC Requirements & Comments:														ľ							g: 7/3/20
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NO3; 5=NaOH; 6= Other Please List any EPA Waste Codes for the sample in the A X X X X X X X X X	6/30/22 S 1	6/30/22 1320 C S 1 X X X NO3; 5=NaOH; 6= Other Sample Disposal (A Please List any EPA Waste Codes for the sample in the Sample Disposal (A Please List any EPA Waste Codes for the sample in the Return to Client Cooler Ter
	nt Poison B Unknown Return to Client	TO NOT UPE To Company. Custody Seal No Company. Compa

Relinquished by: Relinquished by

Company:

Talon LPE Custody Seal No

Company:

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Relinquished by:

| Non-Hazard | Flammable | Skin Irritar | Special Instructions/QC Requirements & Comments:

comments Section if the lab is to dispose of the sample

Preservation Used: 1= lce, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other Possible Hazard Identification:

*** #N/A

Project Name Bellatrix 28 Fed 01H
Site Eddy County, NM

432-210-5443 Artesia, NM 408 W Texas Ave

Phone

xxx xxxx

「alon LPE

Client Contact

Tel/Fax:

]CALENDAR DAYS

TAT if different from Below

Email: ktaylor@talonlpe.com Project Manager:

Regulatory Program:

P O # 21005322

WSW-6

Sample Identification

6/30/22

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Sample

Sample Time

Type (C=Comp, G=Grab)

1 day 2 days 1 week 2 weeks

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Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the **Analysis Turnaround Time** WORKING DAYS DW Date/Time Date/Time Date/Time ဟ NPDES # of Cont Filtered Sample (Y / N) Site Contact: _ab Contact: Perform MS / MSD (Y / N) RCRA Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Received in Laboratory by: Chlorides 300.0 × BTEX 8021 × Other Cooler Temp (°C) Obs'd TPH 8015M Date: Carrier: Company Company Company: Corr'd Walk-in Client: TALS Project # Lab Sampling **Eurofins Environment Testing America** Date/Time Date/Time Date/Time Therm ID No Job / SDG No For Lab Use Only: COC No ampler: Sample Specific Notes 앜 င္ပင္သ Page 83 of 84 Released to Imaging: 7/3/2023 10:37:42 AM

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 880-16516-1

SDG Number: Eddy Co NM

Login Number: 16516 List Source: Eurofins Midland

List Number: 1

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

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Environment Testing America

ANALYTICAL REPORT

Eurofins Midland 1211 W. Florida Ave Midland, TX 79701 Tel: (432)704-5440

Laboratory Job ID: 880-16557-1

Laboratory Sample Delivery Group: Eddy County NM

Client Project/Site: Bellatrix 28 Fed 01H

For:

eurofins

Talon/LPE 408 W. Texas St. Artesia, New Mexico 88210

Attn: Kayla Taylor

MAMER

Authorized for release by: 7/8/2022 4:39:03 PM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

Visit us at:

LINKS

Review your project results through

EOL

Have a Question?

www.eurofinsus.com/Env Released to Imaging: 7/3/2023 10:37:42 AM

Received by OCD: 6/12/2023 3:48:09 PM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Talon/LPE
Project/Site: Bellatrix 28 Fed 01H
Laboratory Job ID: 880-16557-1
SDG: Eddy County NM

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Definitions/Glossary

Client: Talon/LPE Job ID: 880-16557-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy County NM

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.

U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description** В Compound was found in the blank and sample.

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.

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

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

Toxicity Equivalent Factor (Dioxin) TEF TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16557-1

SDG: Eddy County NM

Job ID: 880-16557-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-16557-1

Receipt

The samples were received on 7/1/2022 4:40 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 4.4°C

GC VOA

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

GC Semi VOA

Method 8015MOD NM: The method blank for preparation batch 880-29059 and analytical batch 880-29169 contained Gasoline Range Organics (GRO)-C6-C10 and OII Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

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.

Client: Talon/LPE Job ID: 880-16557-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy County NM

Client Sample ID: S-1A

Date Collected: 07/01/22 11:00 Date Received: 07/01/22 16:40

Lab Sample ID: 880-16557-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		07/07/22 15:28	07/07/22 16:49	
Toluene	0.000510	J	0.00200	0.000456	mg/Kg		07/07/22 15:28	07/07/22 16:49	
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		07/07/22 15:28	07/07/22 16:49	
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		07/07/22 15:28	07/07/22 16:49	
o-Xylene	< 0.000344	U	0.00200	0.000344	mg/Kg		07/07/22 15:28	07/07/22 16:49	
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		07/07/22 15:28	07/07/22 16:49	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	109		70 - 130				07/07/22 15:28	07/07/22 16:49	
1,4-Difluorobenzene (Surr)	99		70 - 130				07/07/22 15:28	07/07/22 16:49	
Method: Total BTEX - Total BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			07/08/22 10:17	
Analyte	Result	O) (GC) Qualifier	RL	MDL 15.0		<u>D</u>	Prepared	Analyzed	
Method: 8015 NM - Diesel Rang Analyte Total TPH	Result 87.3	Qualifier	RL 49.9		Unit mg/Kg	<u>D</u>	Prepared	Analyzed 07/08/22 13:17	
Analyte Total TPH Method: 8015B NM - Diesel Ra	Result 87.3 nge Organics (D	Qualifier RO) (GC)	49.9	15.0	mg/Kg	D_	<u> </u>	07/08/22 13:17	
Analyte Fotal TPH Method: 8015B NM - Diesel Ra Analyte	Result 87.3 nge Organics (Dige Result	Qualifier RO) (GC) Qualifier	49.9	15.0 MDL	mg/Kg		Prepared	07/08/22 13:17 Analyzed	Dil Fa
Analyte Fotal TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics	Result 87.3 nge Organics (D	Qualifier RO) (GC) Qualifier	49.9	15.0	mg/Kg		<u> </u>	07/08/22 13:17	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 87.3 nge Organics (Dige Result	Qualifier RO) (GC) Qualifier J B	49.9	15.0 MDL 15.0	mg/Kg		Prepared	07/08/22 13:17 Analyzed	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 87.3 nge Organics (Di Result 29.4	Qualifier RO) (GC) Qualifier J B	49.9 RL 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg		Prepared 07/05/22 14:48	07/08/22 13:17 Analyzed 07/07/22 11:45	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	Result 87.3 nge Organics (Digeometric Result 29.4 41.8	Qualifier RO) (GC) Qualifier J B	49.9 RL 49.9 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/05/22 14:48 07/05/22 14:48	07/08/22 13:17 Analyzed 07/07/22 11:45 07/07/22 11:45	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result	Qualifier RO) (GC) Qualifier JB J JB	49.9 RL 49.9 49.9 49.9 Limits	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/05/22 14:48 07/05/22 14:48 07/05/22 14:48 Prepared	07/08/22 13:17 Analyzed 07/07/22 11:45 07/07/22 11:45 Analyzed	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier RO) (GC) Qualifier JB J JB	49.9 RL 49.9 49.9 49.9 Limits 70 - 130	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/05/22 14:48 07/05/22 14:48 07/05/22 14:48 Prepared 07/05/22 14:48	07/08/22 13:17 Analyzed 07/07/22 11:45 07/07/22 11:45 Analyzed 07/07/22 11:45	Dil Fa
Analyte	Result	Qualifier RO) (GC) Qualifier JB J JB	49.9 RL 49.9 49.9 49.9 Limits	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/05/22 14:48 07/05/22 14:48 07/05/22 14:48 Prepared	07/08/22 13:17 Analyzed 07/07/22 11:45 07/07/22 11:45 Analyzed	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier RO) (GC) Qualifier JB J J Qualifier	49.9 RL 49.9 49.9 49.9 Limits 70 - 130	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/05/22 14:48 07/05/22 14:48 07/05/22 14:48 Prepared 07/05/22 14:48	07/08/22 13:17 Analyzed 07/07/22 11:45 07/07/22 11:45 Analyzed 07/07/22 11:45	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier RO) (GC) Qualifier JB J J Qualifier	49.9 RL 49.9 49.9 49.9 Limits 70 - 130	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 07/05/22 14:48 07/05/22 14:48 07/05/22 14:48 Prepared 07/05/22 14:48	07/08/22 13:17 Analyzed 07/07/22 11:45 07/07/22 11:45 Analyzed 07/07/22 11:45	Dil Fa

Client Sample ID: S-2A Lab Sample ID: 880-16557-2 Date Collected: 07/01/22 11:02 Matrix: Solid

Date Received: 07/01/22 16:40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg		07/07/22 15:28	07/07/22 17:09	1
Toluene	< 0.000457	U	0.00200	0.000457	mg/Kg		07/07/22 15:28	07/07/22 17:09	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg		07/07/22 15:28	07/07/22 17:09	1
m-Xylene & p-Xylene	<0.00101	U	0.00401	0.00101	mg/Kg		07/07/22 15:28	07/07/22 17:09	1
o-Xylene	< 0.000345	U	0.00200	0.000345	mg/Kg		07/07/22 15:28	07/07/22 17:09	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg		07/07/22 15:28	07/07/22 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				07/07/22 15:28	07/07/22 17:09	1
1,4-Difluorobenzene (Surr)	99		70 - 130				07/07/22 15:28	07/07/22 17:09	1

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16557-1

SDG: Eddy County NM

Lab Sample ID: 880-16557-2

Matrix: Solid

Date Collected: 07/01/22 11:02 Date Received: 07/01/22 16:40

Client Sample ID: S-2A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg			07/08/22 10:17	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	69.7		50.0	15.0	mg/Kg			07/08/22 13:17	1
- Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	43.3	J B	50.0	15.0	mg/Kg		07/05/22 14:48	07/07/22 12:49	1
(GRO)-C6-C10									
Diesel Range Organics (Over	26.4	J	50.0	15.0	mg/Kg		07/05/22 14:48	07/07/22 12:49	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		07/05/22 14:48	07/07/22 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				07/05/22 14:48	07/07/22 12:49	1
o-Terphenyl	119		70 - 130				07/05/22 14:48	07/07/22 12:49	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.2		4.99	0.857	mg/Kg			07/08/22 08:44	

Client Sample ID: S-5A Lab Sample ID: 880-16557-3 **Matrix: Solid**

Date Collected: 07/01/22 11:08

Date Received: 07/01/22 16:40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		07/07/22 15:28	07/07/22 17:30	
Toluene	< 0.000459	U	0.00201	0.000459	mg/Kg		07/07/22 15:28	07/07/22 17:30	
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		07/07/22 15:28	07/07/22 17:30	
m-Xylene & p-Xylene	<0.00102	U	0.00402	0.00102	mg/Kg		07/07/22 15:28	07/07/22 17:30	
o-Xylene	< 0.000346	U	0.00201	0.000346	mg/Kg		07/07/22 15:28	07/07/22 17:30	
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		07/07/22 15:28	07/07/22 17:30	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)			70 - 130				07/07/22 15:28	07/07/22 17:30	
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BTE	91 EX Calculation		70 - 130				07/07/22 15:28	07/07/22 17:30	
-	EX Calculation	Qualifier U	70 - 130 RL 0.00402	MDL 0.00102	Unit mg/Kg	<u>D</u>	07/07/22 15:28 Prepared	07/07/22 17:30 Analyzed 07/08/22 10:17	
Method: Total BTEX - Total BTE Analyte	EX Calculation Result <	U	RL	0.00102	Unit mg/Kg	D		Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang	EX Calculation Result <	U (GC)	RL 0.00402	0.00102	mg/Kg	<u> </u>	Prepared	Analyzed 07/08/22 10:17	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte	EX Calculation Result <0.00102 ge Organics (DR Result 67.8	O) (GC) Qualifier	RL 0.00402	0.00102 MDL	mg/Kg	<u> </u>	Prepared	Analyzed 07/08/22 10:17 Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH	EX Calculation Result <0.00102 ge Organics (DR Result 67.8 nge Organics (D	O) (GC) Qualifier	RL 0.00402	0.00102 MDL 14.9	mg/Kg	<u> </u>	Prepared	Analyzed 07/08/22 10:17 Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Rang	EX Calculation Result <0.00102 ge Organics (DR Result 67.8 nge Organics (D	O) (GC) Qualifier RO) (GC) Qualifier	RL 0.00402 RL 49.8	0.00102 MDL 14.9	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 07/08/22 10:17 Analyzed 07/08/22 13:17	Dil Fac

Job ID: 880-16557-1

Client: Talon/LPE Project/Site: Bellatrix 28 Fed 01H SDG: Eddy County NM

Client Sample ID: S-5A Date Collected: 07/01/22 11:08 Date Received: 07/01/22 16:40

Lab Sample ID: 880-16557-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		07/05/22 14:48	07/07/22 13:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				07/05/22 14:48	07/07/22 13:11	1
o-Terphenvl	106		70 - 130				07/05/22 14:48	07/07/22 13:11	1

Method: 300.0 - Anions, Ion Chrom	atography - S	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		4.98	0.855	mg/Kg			07/08/22 08:53	1

Client Sample ID: S-9A Lab Sample ID: 880-16557-4 Date Collected: 07/01/22 11:10 **Matrix: Solid**

Method: 8021B - Volatile Orga	nic Compounds ((GC)							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.000388	U	0.00202	0.000388	mg/Kg	 _	07/07/22 15:28	07/07/22 17:50	-
Toluene	0.000518	J	0.00202	0.000460	mg/Kg		07/07/22 15:28	07/07/22 17:50	
Ethylbenzene	<0.000570	U	0.00202	0.000570	mg/Kg		07/07/22 15:28	07/07/22 17:50	
m-Xylene & p-Xylene	<0.00102	U	0.00403	0.00102	mg/Kg		07/07/22 15:28	07/07/22 17:50	
o-Xylene	< 0.000347	U	0.00202	0.000347	mg/Kg		07/07/22 15:28	07/07/22 17:50	
Xylenes, Total	<0.00102	U	0.00403	0.00102	mg/Kg		07/07/22 15:28	07/07/22 17:50	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	116		70 - 130				07/07/22 15:28	07/07/22 17:50	
1,4-Difluorobenzene (Surr)	100		70 - 130				07/07/22 15:28	07/07/22 17:50	
Method: Total BTEX - Total BT Analyte		Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00102		0.00403	0.00102		_ =		07/08/22 10:17	
Method: 8015 NM - Diesel Rar	ige Organics (DR	O) (GC)							
	_ `	Qualifier	RL		Unit	D	Danasasas	A	
Analyte	Result	Quaimer	KL	MDL	Oilit		Prepared	Analyzed	Dil Fa
Analyte Total TPH	Result 84.3	Quaimer	49.8	14.9	mg/Kg	=	Prepared	07/08/22 13:17	Dil Fa
	84.3					_ =	Prepared		Dil Fac
Total TPH	84.3 ange Organics (D				mg/Kg		Prepared		Dil Fac
Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics	84.3 ange Organics (D	RO) (GC) Qualifier	49.8	14.9	mg/Kg	=		07/08/22 13:17	
Total TPH Method: 8015B NM - Diesel Ra	84.3 ange Organics (D Result	RO) (GC) Qualifier J B	49.8	14.9 MDL 14.9	mg/Kg	=	Prepared	07/08/22 13:17 Analyzed	Dil Fac

Eurofins Midland

Analyzed

07/07/22 13:32

07/07/22 13:32

Analyzed

07/08/22 09:02

Limits

70 - 130

70 - 130

RL

4.97

MDL Unit

0.853 mg/Kg

%Recovery Qualifier

102

110

23.6

Result Qualifier

Dil Fac

Dil Fac

Prepared

07/05/22 14:48

07/05/22 14:48

Prepared

D

Method: 300.0 - Anions, Ion Chromatography - Soluble

Surrogate

o-Terphenyl

Analyte

Chloride

1-Chlorooctane

Job ID: 880-16557-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy County NM

Client Sample ID: S-10A Lab Sample ID: 880-16557-5

Date Collected: 07/01/22 11:12 Matrix: Solid Date Received: 07/01/22 16:40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		07/07/22 10:17	07/07/22 13:00	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		07/07/22 10:17	07/07/22 13:00	1
Ethylbenzene	< 0.000563	U	0.00199	0.000563	mg/Kg		07/07/22 10:17	07/07/22 13:00	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		07/07/22 10:17	07/07/22 13:00	1
o-Xylene	< 0.000343	U	0.00199	0.000343	mg/Kg		07/07/22 10:17	07/07/22 13:00	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		07/07/22 10:17	07/07/22 13:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				07/07/22 10:17	07/07/22 13:00	1
1,4-Difluorobenzene (Surr)	103		70 - 130				07/07/22 10:17	07/07/22 13:00	1
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			07/08/22 10:17	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	66.5		49.9	15.0	mg/Kg			07/08/22 13:17	1
- Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	44.9	JB	49.9	15.0	mg/Kg		07/05/22 14:48	07/07/22 13:54	1
Diesel Range Organics (Over C10-C28)	21.6	J	49.9	15.0	mg/Kg		07/05/22 14:48	07/07/22 13:54	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		07/05/22 14:48	07/07/22 13:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				07/05/22 14:48	07/07/22 13:54	1
o-Terphenyl	105		70 - 130				07/05/22 14:48	07/07/22 13:54	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Method: 300.0 - Anions, Ion Chro Analyte		Soluble Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: S-12A Lab Sample ID: 880-16557-6 **Matrix: Solid**

Date Collected: 07/01/22 11:15 Date Received: 07/01/22 16:40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		07/07/22 10:17	07/07/22 13:20	1
Toluene	< 0.000456	U	0.00200	0.000456	mg/Kg		07/07/22 10:17	07/07/22 13:20	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		07/07/22 10:17	07/07/22 13:20	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		07/07/22 10:17	07/07/22 13:20	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		07/07/22 10:17	07/07/22 13:20	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		07/07/22 10:17	07/07/22 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				07/07/22 10:17	07/07/22 13:20	1
1,4-Difluorobenzene (Surr)	99		70 - 130				07/07/22 10:17	07/07/22 13:20	1

Job ID: 880-16557-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy County NM

Client Sample ID: S-12A

Date Collected: 07/01/22 11:15 Date Received: 07/01/22 16:40

Lab Sample ID: 880-16557-6

Matrix: Solid

07/08/22 09:39

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			07/08/22 10:17	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	63.3		49.8	14.9	mg/Kg			07/08/22 13:17	1
- Method: 8015B NM - Diesel Rang	e Organics (Di	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	44.0	JB	49.8	14.9	mg/Kg		07/05/22 14:48	07/07/22 14:16	1
Diesel Range Organics (Over C10-C28)	19.3	J	49.8	14.9	mg/Kg		07/05/22 14:48	07/07/22 14:16	1
Oll Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		07/05/22 14:48	07/07/22 14:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				07/05/22 14:48	07/07/22 14:16	1
o-Terphenyl	99		70 - 130				07/05/22 14:48	07/07/22 14:16	1
- Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

4.95 **Client Sample ID: NSW-1** Lab Sample ID: 880-16557-7

0.850 mg/Kg

17.2

Result Qualifier

31.3 JB

21.0 J

Date Collected: 07/01/22 11:05

Chloride

Analyte

C10-C28)

(GRO)-C6-C10

Gasoline Range Organics

Diesel Range Organics (Over

Date Received: 07/01/22 16:40

Method: 8021B - Volatile Organic Compounds (GC)

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/07/22 10:17	07/07/22 13:41	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		07/07/22 10:17	07/07/22 13:41	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		07/07/22 10:17	07/07/22 13:41	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/07/22 10:17	07/07/22 13:41	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		07/07/22 10:17	07/07/22 13:41	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/07/22 10:17	07/07/22 13:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				07/07/22 10:17	07/07/22 13:41	1
1,4-Difluorobenzene (Surr)	96		70 - 130				07/07/22 10:17	07/07/22 13:41	1
— Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			07/08/22 10:17	1
— Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.3		49.9	15.0	mg/Kg			07/08/22 13:17	1

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Analyzed

07/07/22 14:37

07/07/22 14:37

RL

49.9

49.9

MDL Unit

15.0 mg/Kg

15.0 mg/Kg

Prepared

07/05/22 14:48

07/05/22 14:48

Dil Fac

Client Sample Results

Client: Talon/LPE Job ID: 880-16557-1
Project/Site: Bellatrix 28 Fed 01H SDG: Eddy County NM

Client Sample ID: NSW-1

Lab Sample ID: 880-16557-7

Matrix: Solid

Date Collected: 07/01/22 11:05 Date Received: 07/01/22 16:40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		07/05/22 14:48	07/07/22 14:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				07/05/22 14:48	07/07/22 14:37	1
o-Terphenyl	98		70 - 130				07/05/22 14:48	07/07/22 14:37	1

Method: 300.0 - Anions, Ion Chron	natography - S	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.00		4.98	0.855	mg/Kg			07/08/22 09:48	1

Eurofins Midland

2

4

6

R

9

11

13

14

Surrogate Summary

Client: Talon/LPE Job ID: 880-16557-1
Project/Site: Bellatrix 28 Fed 01H SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

Lab Sample ID 880-16557-1 880-16557-2 880-16557-3	Client Sample ID S-1A S-2A	BFB1 (70-130) 109	DFBZ1 (70-130)	
880-16557-1 880-16557-2 880-16557-3	S-1A			
880-16557-2 880-16557-3		109		
880-16557-3	S-2A		99	
		111	99	
	S-5A	113	91	
880-16557-4	S-9A	116	100	
880-16557-5	S-10A	112	103	
880-16557-5 MS	S-10A	111	103	
880-16557-5 MSD	S-10A	108	98	
880-16557-6	S-12A	109	99	
880-16557-7	NSW-1	115	96	
890-2475-A-1-G MS	Matrix Spike	110	102	
890-2475-A-1-H MSD	Matrix Spike Duplicate	109	99	
LCS 880-28904/1-A	Lab Control Sample	107	101	
LCS 880-29191/1-A	Lab Control Sample	105	100	
LCSD 880-28904/2-A	Lab Control Sample Dup	107	100	
LCSD 880-29191/2-A	Lab Control Sample Dup	109	97	
MB 880-28904/5-A	Method Blank	96	87	
MB 880-29191/5-A	Method Blank	103	99	
Surrogate Legend				

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

DFBZ = 1,4-Difluorobenzene (Surr)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-16557-1	S-1A	112	118	
880-16557-1 MS	S-1A	118	106	
880-16557-1 MSD	S-1A	120	112	
880-16557-2	S-2A	109	119	
880-16557-3	S-5A	102	106	
880-16557-4	S-9A	102	110	
880-16557-5	S-10A	104	105	
880-16557-6	S-12A	100	99	
880-16557-7	NSW-1	93	98	
LCS 880-29059/2-A	Lab Control Sample	101	97	
LCSD 880-29059/3-A	Lab Control Sample Dup	89	89	
MB 880-29059/1-A	Method Blank	116	125	
Surrogate Legend				
1CO = 1-Chlorooctane				
OTPH = o-Terphenyl				

Client: Talon/LPE Job ID: 880-16557-1 SDG: Eddy County NM Project/Site: Bellatrix 28 Fed 01H

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-28904/5-A

Matrix: Solid Analysis Batch: 29172 Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28904

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		07/01/22 15:28	07/07/22 12:00	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		07/01/22 15:28	07/07/22 12:00	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		07/01/22 15:28	07/07/22 12:00	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		07/01/22 15:28	07/07/22 12:00	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		07/01/22 15:28	07/07/22 12:00	1
Xylenes, Total	< 0.00101	U	0.00400	0.00101	mg/Kg		07/01/22 15:28	07/07/22 12:00	1

мв мв

MD MD

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	07/01/22 15	28 07/07/22 12:00	1
1,4-Difluorobenzene (Surr)	87		70 - 130	07/01/22 15.	28 07/07/22 12:00	1

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 880-28904/1-A

Matrix: Solid

Analysis Batch: 29172

Prep Type: Total/NA Prep Batch: 28904

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1014		mg/Kg		101	70 - 130	
Toluene	0.100	0.09844		mg/Kg		98	70 - 130	
Ethylbenzene	0.100	0.1029		mg/Kg		103	70 - 130	
m-Xylene & p-Xylene	0.200	0.2124		mg/Kg		106	70 - 130	
o-Xylene	0.100	0.1048		mg/Kg		105	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	107	70 - 130
1,4-Difluorobenzene (Surr)	101	70 - 130

Lab Sample ID: LCSD 880-28904/2-A

Matrix: Solid

Analysis Batch: 29172

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

Prep Batch: 28904

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1049		mg/Kg		105	70 - 130	3	35
Toluene	0.100	0.1030		mg/Kg		103	70 - 130	5	35
Ethylbenzene	0.100	0.1077		mg/Kg		108	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2212		mg/Kg		111	70 - 130	4	35
o-Xylene	0.100	0.1094		mg/Kg		109	70 - 130	4	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1.4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-2475-A-1-G MS

Matrix: Solid

Analysis Batch: 29172

Client Samp	le ID:	Matrix Spike	
P	rep T	ype: Total/NA	

Prep Batch: 28904

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.000387	U	0.101	0.09951		mg/Kg	_	99	70 - 130	
Toluene	< 0.000459	U	0.101	0.09548		mg/Kg		95	70 - 130	

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QC Sample Results

Client: Talon/LPE Job ID: 880-16557-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy County NM

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

Lab Sample ID: 890-2475-A-1-G MS

Matrix: Solid

Analysis Batch: 29172

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 28904

	Sample	Sample	Бріке	INIO	IVIS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.000568	U	0.101	0.09892		mg/Kg		98	70 - 130	
m-Xylene & p-Xylene	<0.00102	U	0.202	0.2043		mg/Kg		101	70 - 130	
o-Xylene	<0.000346	U	0.101	0.1009		mg/Kg		100	70 - 130	

MS MS

Surrogate	%Recovery Qu	ualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 28904

Matrix: Solid

Lab Sample ID: 890-2475-A-1-H MSD

Analysis Batch: 29172

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.000387	U	0.100	0.09182		mg/Kg		92	70 - 130	8	35
Toluene	< 0.000459	U	0.100	0.08800		mg/Kg		88	70 - 130	8	35
Ethylbenzene	<0.000568	U	0.100	0.08801		mg/Kg		88	70 - 130	12	35
m-Xylene & p-Xylene	<0.00102	U	0.200	0.1817		mg/Kg		91	70 - 130	12	35
o-Xylene	< 0.000346	U	0.100	0.09018		mg/Kg		90	70 - 130	11	35

MSD MSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	109	70 - 130
1,4-Difluorobenzene (Surr)	99	70 - 130

Lab Sample ID: MB 880-29191/5-A

Matrix: Solid

Analysis Batch: 29173

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29191

ME	в мв
nalvte Resul	t Qua

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		07/07/22 10:17	07/07/22 12:31	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		07/07/22 10:17	07/07/22 12:31	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		07/07/22 10:17	07/07/22 12:31	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		07/07/22 10:17	07/07/22 12:31	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		07/07/22 10:17	07/07/22 12:31	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		07/07/22 10:17	07/07/22 12:31	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103	70 - 130	07/07/22 10:17	07/07/22 12:31	1
1 4-Difluorobenzene (Surr)	99	70 - 130	07/07/22 10:17	07/07/22 12:31	1

Lab Sample ID: LCS 880-29191/1-A

Matrix: Solid

Analysis Batch: 29173

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29191

	Spike	LCS	LCS			%Rec	
Analyte	Added	Result	Qualifier Un	it D	%Rec	Limits	
Benzene	0.100	0.09870	mg	/Kg	99	70 - 130	
Toluene	0.100	0.1043	mg	/Kg	104	70 - 130	
Ethylbenzene	0.100	0.08958	mg	/Kg	90	70 - 130	
m-Xylene & p-Xylene	0.200	0.1825	mg	/Kg	91	70 - 130	

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16557-1 SDG: Eddy County NM

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

Lab Sample ID: LCS 880-29191/1-A Client Sample ID: Lab Control Sample **Matrix: Solid Analysis Batch: 29173**

Prep Type: Total/NA Prep Batch: 29191

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits D 0.100 0 1042 104 70 - 130 o-Xylene mg/Kg

LCS LCS %Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene (Surr) 105 70 - 130 70 - 130 1,4-Difluorobenzene (Surr) 100

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 880-29191/2-A **Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 29173**

Prep Batch: 29191

LCSD LCSD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit D Benzene 0.100 0.09476 mg/Kg 95 70 - 130 4 35 Toluene 0.100 0.1077 mg/Kg 108 70 - 130 35 3 Ethylbenzene 0.100 0.09471 mg/Kg 95 70 - 130 6 35 m-Xylene & p-Xylene 0.200 0.1942 mg/Kg 97 70 - 130 6 35 0.100 0.1100 70 - 130 35 o-Xylene mg/Kg 110

LCSD LCSD

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 109 70 - 130 97 70 - 130 1,4-Difluorobenzene (Surr)

Lab Sample ID: 880-16557-5 MS Client Sample ID: S-10A **Matrix: Solid** Prep Type: Total/NA

Prep Batch: 29191

MS MS Sample Sample Spike %Rec Result Qualifier %Rec Result Qualifier Added Analyte Unit D Limits Benzene <0.000383 U 0.101 0.09714 mg/Kg 96 70 - 130 Toluene < 0.000454 U 0.101 0.1018 mg/Kg 101 70 - 130 Ethylbenzene <0.000563 U 0.101 0.08591 mg/Kg 85 70 - 130 m-Xylene & p-Xylene < 0.00101 U 0.202 0.1763 mg/Kg 87 70 - 130 o-Xylene <0.000343 U 0.101 0.09959 mg/Kg 99 70 - 130

MS MS %Recovery Surrogate Qualifier Limits 4-Bromofluorobenzene (Surr) 111 70 - 130 70 - 130 1,4-Difluorobenzene (Surr) 103

Lab Sample ID: 880-16557-5 MSD Client Sample ID: S-10A **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 29173

Analysis Batch: 29173

Prep Batch: 29191 Sample Sample Spike MSD MSD %Rec RPD Result Qualifier %Rec Result Qualifier Added Limits RPD Limit Analyte Unit Benzene <0.000383 U 0.100 0.09385 mg/Kg 94 70 - 130 3 35 <0.000454 U 0.100 Toluene 0.1051 105 70 - 13035 mg/Kg 3 Ethylbenzene <0.000563 U 0.100 0.09028 mg/Kg 90 70 - 130 5 35 m-Xylene & p-Xylene 0.200 0.1853 < 0.00101 U mg/Kg 92 70 - 1305 35 o-Xylene <0.000343 U 0.100 0.1044 mg/Kg 104 70 - 130 35

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16557-1 SDG: Eddy County NM

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

Lab Sample ID: 880-16557-5 MSD **Matrix: Solid**

Analysis Batch: 29173

Client Sample ID: S-10A Prep Type: Total/NA

Prep Batch: 29191

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

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

Lab Sample ID: MB 880-29059/1-A

Matrix: Solid

Analysis Batch: 29169

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29059

мв мв Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 15.0 mg/Kg Gasoline Range Organics 21.39 J 50.0 07/05/22 14:48 07/07/22 10:03 (GRO)-C6-C10 Diesel Range Organics (Over <15.0 U 50.0 15.0 mg/Kg 07/05/22 14:48 07/07/22 10:03 C10-C28) OII Range Organics (Over C28-C36) 50.0 07/05/22 14:48 07/07/22 10:03 23.10 J 15.0 mg/Kg

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	07/05/22 14:48	07/07/22 10:03	1
o-Terphenyl	125		70 - 130	07/05/22 14:48	07/07/22 10:03	1

Lab Sample ID: LCS 880-29059/2-A

Matrix: Solid

Analysis Batch: 29169

Client	Sample	ID:	Lab	Control	Sai	mple

Prep Type: Total/NA

Prep Batch: 29059

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics	1000	1154		mg/Kg		115	70 - 130
(GRO)-C6-C10							
Diesel Range Organics (Over	1000	976.2		mg/Kg		98	70 - 130
C10-C28)							

LCS LCS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	101	70 _ 130
o-Terphenyl	97	70 - 130

Lab Sample ID: LCSD 880-29059/3-A

Matrix: Solid Analysis Batch: 29169 Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Prep Batch: 29059

-	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1074		mg/Kg		107	70 - 130	7	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	887.6		mg/Kg		89	70 - 130	10	20
C10-C28)									

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	89	70 - 130
o-Terphenyl	89	70 - 130

Client: Talon/LPE Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16557-1 SDG: Eddy County NM

Client Sample ID: S-1A

Client Sample ID: S-1A

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

Prep Type: Total/NA

Prep Batch: 29059

Prep Type: Total/NA

Prep Batch: 29059

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

Lab Sample ID: 880-16557-1 MS

Matrix: Solid

Analysis Batch: 29169

-	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	29.4	JB	999	1188		mg/Kg		116	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	41.8	J	999	1078		mg/Kg		104	70 - 130	
C10-C28)										

MS MS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	118		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 880-16557-1 MSD

Matrix: Solid

Analysis Batch: 29169

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	29.4	JB	997	1190		mg/Kg		116	70 - 130	0	20
(GRO)-C6-C10											
Diesel Range Organics (Over	41.8	J	997	1133		mg/Kg		109	70 - 130	5	20
C10-C28)											

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	112		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-28997/1-A

Matrix: Solid

Analysis Batch: 29213

Analyte	Result Qualifie		MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858 U	5.00	0.858	mg/Kg			07/08/22 07:48	1

Lab Sample ID: LCS 880-28997/2-A

Matrix: Solid

Analysis Batch: 29213

		Spike	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	 	250	243.8		mg/Kg		98	90 - 110	

Lab Sample ID: LCSD 880-28997/3-A

Matrix: Solid

Analysis Batch: 29213

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	244.3		mg/Kg	_	98	90 - 110	0	20

QC Sample Results

Client: Talon/LPE Job ID: 880-16557-1
Project/Site: Bellatrix 28 Fed 01H SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-16557-1 MS

Matrix: Solid

Client Sample ID: S-1A

Prep Type: Soluble

Analysis Batch: 29213

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	13.8		250	278.5		mg/Kg		106	90 - 110	

Lab Sample ID: 880-16557-1 MSD

Matrix: Solid

Client Sample ID: S-1A

Prep Type: Soluble

Matrix. Cond

Analysis Batch: 29213
Sample Sample Spike MSD MSD

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	13.8		250	285.2		mg/Kg		109	90 - 110	2	20

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QC Association Summary

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16557-1

SDG: Eddy County NM

GC VOA

Prep Batch: 28904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16557-1	S-1A	Total/NA	Solid	5035	
880-16557-2	S-2A	Total/NA	Solid	5035	
880-16557-3	S-5A	Total/NA	Solid	5035	
880-16557-4	S-9A	Total/NA	Solid	5035	
MB 880-28904/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-28904/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-28904/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2475-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
890-2475-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 29172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16557-1	S-1A	Total/NA	Solid	8021B	28904
880-16557-2	S-2A	Total/NA	Solid	8021B	28904
880-16557-3	S-5A	Total/NA	Solid	8021B	28904
880-16557-4	S-9A	Total/NA	Solid	8021B	28904
MB 880-28904/5-A	Method Blank	Total/NA	Solid	8021B	28904
LCS 880-28904/1-A	Lab Control Sample	Total/NA	Solid	8021B	28904
LCSD 880-28904/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	28904
890-2475-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	28904
890-2475-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	28904

Analysis Batch: 29173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16557-5	S-10A	Total/NA	Solid	8021B	29191
880-16557-6	S-12A	Total/NA	Solid	8021B	29191
880-16557-7	NSW-1	Total/NA	Solid	8021B	29191
MB 880-29191/5-A	Method Blank	Total/NA	Solid	8021B	29191
LCS 880-29191/1-A	Lab Control Sample	Total/NA	Solid	8021B	29191
LCSD 880-29191/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	29191
880-16557-5 MS	S-10A	Total/NA	Solid	8021B	29191
880-16557-5 MSD	S-10A	Total/NA	Solid	8021B	29191

Prep Batch: 29191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16557-5	S-10A	Total/NA	Solid	5035	
880-16557-6	S-12A	Total/NA	Solid	5035	
880-16557-7	NSW-1	Total/NA	Solid	5035	
MB 880-29191/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-29191/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-29191/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16557-5 MS	S-10A	Total/NA	Solid	5035	
880-16557-5 MSD	S-10A	Total/NA	Solid	5035	

Analysis Batch: 29273

Г					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16557-1	S-1A	Total/NA	Solid	Total BTEX	
880-16557-2	S-2A	Total/NA	Solid	Total BTEX	
880-16557-3	S-5A	Total/NA	Solid	Total BTEX	
880-16557-4	S-9A	Total/NA	Solid	Total BTEX	
880-16557-5	S-10A	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16557-1 SDG: Eddy County NM

GC VOA (Continued)

Analysis Batch: 29273 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16557-6	S-12A	Total/NA	Solid	Total BTEX	
880-16557-7	NSW-1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 29059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16557-1	S-1A	Total/NA	Solid	8015NM Prep	
880-16557-2	S-2A	Total/NA	Solid	8015NM Prep	
880-16557-3	S-5A	Total/NA	Solid	8015NM Prep	
880-16557-4	S-9A	Total/NA	Solid	8015NM Prep	
880-16557-5	S-10A	Total/NA	Solid	8015NM Prep	
880-16557-6	S-12A	Total/NA	Solid	8015NM Prep	
880-16557-7	NSW-1	Total/NA	Solid	8015NM Prep	
MB 880-29059/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-29059/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-29059/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-16557-1 MS	S-1A	Total/NA	Solid	8015NM Prep	
880-16557-1 MSD	S-1A	Total/NA	Solid	8015NM Prep	

Analysis Batch: 29169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16557-1	S-1A	Total/NA	Solid	8015B NM	29059
880-16557-2	S-2A	Total/NA	Solid	8015B NM	29059
880-16557-3	S-5A	Total/NA	Solid	8015B NM	29059
880-16557-4	S-9A	Total/NA	Solid	8015B NM	29059
880-16557-5	S-10A	Total/NA	Solid	8015B NM	29059
880-16557-6	S-12A	Total/NA	Solid	8015B NM	29059
880-16557-7	NSW-1	Total/NA	Solid	8015B NM	29059
MB 880-29059/1-A	Method Blank	Total/NA	Solid	8015B NM	29059
LCS 880-29059/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	29059
LCSD 880-29059/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	29059
880-16557-1 MS	S-1A	Total/NA	Solid	8015B NM	29059
880-16557-1 MSD	S-1A	Total/NA	Solid	8015B NM	29059

Analysis Batch: 29305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16557-1	S-1A	Total/NA	Solid	8015 NM	
880-16557-2	S-2A	Total/NA	Solid	8015 NM	
880-16557-3	S-5A	Total/NA	Solid	8015 NM	
880-16557-4	S-9A	Total/NA	Solid	8015 NM	
880-16557-5	S-10A	Total/NA	Solid	8015 NM	
880-16557-6	S-12A	Total/NA	Solid	8015 NM	
880-16557-7	NSW-1	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 28997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16557-1	S-1A	Soluble	Solid	DI Leach	
880-16557-2	S-2A	Soluble	Solid	DI Leach	
880-16557-3	S-5A	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Talon/LPE

Job ID: 880-16557-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy County NM

HPLC/IC (Continued)

Leach Batch: 28997 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16557-4	S-9A	Soluble	Solid	DI Leach	
880-16557-5	S-10A	Soluble	Solid	DI Leach	
880-16557-6	S-12A	Soluble	Solid	DI Leach	
880-16557-7	NSW-1	Soluble	Solid	DI Leach	
MB 880-28997/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-28997/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28997/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16557-1 MS	S-1A	Soluble	Solid	DI Leach	
880-16557-1 MSD	S-1A	Soluble	Solid	DI Leach	

Analysis Batch: 29213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16557-1	S-1A	Soluble	Solid	300.0	28997
880-16557-2	S-2A	Soluble	Solid	300.0	28997
880-16557-3	S-5A	Soluble	Solid	300.0	28997
880-16557-4	S-9A	Soluble	Solid	300.0	28997
880-16557-5	S-10A	Soluble	Solid	300.0	28997
880-16557-6	S-12A	Soluble	Solid	300.0	28997
880-16557-7	NSW-1	Soluble	Solid	300.0	28997
MB 880-28997/1-A	Method Blank	Soluble	Solid	300.0	28997
LCS 880-28997/2-A	Lab Control Sample	Soluble	Solid	300.0	28997
LCSD 880-28997/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28997
880-16557-1 MS	S-1A	Soluble	Solid	300.0	28997
880-16557-1 MSD	S-1A	Soluble	Solid	300.0	28997

Client Sample ID: S-1A

Lab Sample ID: 880-16557-1

Matrix: Solid

Date Collected: 07/01/22 11:00 Date Received: 07/01/22 16:40

Project/Site: Bellatrix 28 Fed 01H

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	28904	07/07/22 15:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29172	07/07/22 16:49	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29273	07/08/22 10:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29305	07/08/22 13:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	29059	07/05/22 14:48	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29169	07/07/22 11:45	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28997	07/05/22 09:12	CH	XEN MID
Soluble	Analysis	300.0		1			29213	07/08/22 08:16	CH	XEN MID

Client Sample ID: S-2A Lab Sample ID: 880-16557-2

Date Collected: 07/01/22 11:02 **Matrix: Solid**

Date Received: 07/01/22 16:40

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 28904 Total/NA 4.99 g 5 mL 07/07/22 15:28 MR XEN MID Total/NA 8021B 5 mL 07/07/22 17:09 XEN MID Analysis 1 5 mL 29172 AJ Total/NA Total BTEX 29273 07/08/22 10:17 XEN MID Analysis 1 A.I Total/NA Analysis 8015 NM 29305 07/08/22 13:17 XEN MID Total/NA 29059 XEN MID Prep 8015NM Prep 10.01 g 07/05/22 14:48 AM 10 mL Total/NA Analysis 8015B NM 29169 07/07/22 12:49 AJ XEN MID Soluble 07/05/22 09:12 XEN MID Leach DI Leach 5.01 g 50 mL 28997 CH Soluble Analysis 300.0 1 29213 07/08/22 08:44 CH XEN MID

Lab Sample ID: 880-16557-3 Client Sample ID: S-5A Date Collected: 07/01/22 11:08 **Matrix: Solid**

Date Received: 07/01/22 16:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	29172	07/07/22 17:30	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29273	07/08/22 10:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29305	07/08/22 13:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	29059	07/05/22 14:48	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29169	07/07/22 13:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28997	07/05/22 09:12	СН	XEN MID
Soluble	Analysis	300.0		1			29213	07/08/22 08:53	CH	XEN MID

Client Sample ID: S-9A Lab Sample ID: 880-16557-4

Date Collected: 07/01/22 11:10 Date Received: 07/01/22 16:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	29172	07/07/22 17:50	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29273	07/08/22 10:17	AJ	XEN MID

Eurofins Midland

Matrix: Solid

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

SDG: Eddy County NM

Client Sample ID: S-9A

Date Collected: 07/01/22 11:10 Date Received: 07/01/22 16:40 Lab Sample ID: 880-16557-4

Matrix: Solid

Job ID: 880-16557-1

	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			29305	07/08/22 13:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	29059	07/05/22 14:48	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29169	07/07/22 13:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28997	07/05/22 09:12	СН	XEN MID
Soluble	Analysis	300.0		1			29213	07/08/22 09:02	CH	XEN MID

Client Sample ID: S-10A Lab Sample ID: 880-16557-5

Date Collected: 07/01/22 11:12 Date Received: 07/01/22 16:40

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			5.02 g	5 mL	29191	07/07/22 10:17	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/07/22 13:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29273	07/08/22 10:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29305	07/08/22 13:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	29059	07/05/22 14:48	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29169	07/07/22 13:54	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	28997	07/05/22 09:12	CH	XEN MID
Soluble	Analysis	300.0		1			29213	07/08/22 09:11	CH	XEN MID

Client Sample ID: S-12A Lab Sample ID: 880-16557-6 Date Collected: 07/01/22 11:15

Date Received: 07/01/22 16:40

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			5.00 g	5 mL	29191	07/07/22 10:17	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/07/22 13:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29273	07/08/22 10:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29305	07/08/22 13:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	29059	07/05/22 14:48	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29169	07/07/22 14:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28997	07/05/22 09:12	CH	XEN MID
Soluble	Analysis	300.0		1			29213	07/08/22 09:39	CH	XEN MID

Client Sample ID: NSW-1 Lab Sample ID: 880-16557-7

Date Collected: 07/01/22 11:05 Date Received: 07/01/22 16:40

	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	29191	07/07/22 10:17	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/07/22 13:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29273	07/08/22 10:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29305	07/08/22 13:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	29059	07/05/22 14:48	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29169	07/07/22 14:37	AJ	XEN MID

Eurofins Midland

Matrix: Solid

Released to Imaging: 7/3/2023 10:37:42 AM

Lab Chronicle

Client: Talon/LPE Job ID: 880-16557-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy County NM

Client Sample ID: NSW-1 Lab Sample ID: 880-16557-7

Matrix: Solid

Date Collected: 07/01/22 11:05 Date Received: 07/01/22 16:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	28997	07/05/22 09:12	CH	XEN MID
Soluble	Analysis	300.0		1			29213	07/08/22 09:48	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Talon/LPE Job ID: 880-16557-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy County NM

Laboratory: Eurofins Midland

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

Authority Texas		ogram	Identification Number	Expiration Date 06-30-23	
		ELAP	T104704400-22-24		
The following analytes	are included in this report, but	t the laboratory is not certific	ed by the governing authority. This list ma	av include analytes fo	
the agency does not of	• •	it the laboratory is not certific	su by the governing authority. This list his	ay include analytes to	
,	• •	Matrix	Analyte	ay include analytes to	
the agency does not of	fer certification.	,	, , ,	ay illoude allalytes lo	

Method Summary

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16557-1

SDG: Eddy

County NM	

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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:

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

Sample Summary

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16557-1

SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-16557-1	S-1A	Solid	07/01/22 11:00	07/01/22 16:40
880-16557-2	S-2A	Solid	07/01/22 11:02	07/01/22 16:40
880-16557-3	S-5A	Solid	07/01/22 11:08	07/01/22 16:40
880-16557-4	S-9A	Solid	07/01/22 11:10	07/01/22 16:40
880-16557-5	S-10A	Solid	07/01/22 11:12	07/01/22 16:40
880-16557-6	S-12A	Solid	07/01/22 11:15	07/01/22 16:40
880-16557-7	NSW-1	Solid	07/01/22 11:05	07/01/22 16:40

Chain of Custody

Project Location.
Sampler's Name:

Revised Date: 08/25/2020 Rev 2020.2

Login Sample Receipt Checklist

Client: Talon/LPE Job Number: 880-16557-1 SDG Number: Eddy County NM

List Source: Eurofins Midland Login Number: 16557 List Number: 1

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	N/A	

<6mm (1/4").

LINKS

Review your project results through

EOL

Have a Question?

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ANALYTICAL REPORT

Eurofins Midland 1211 W. Florida Ave Midland, TX 79701 Tel: (432)704-5440

Laboratory Job ID: 880-16699-1

Laboratory Sample Delivery Group: Eddy Co NM

Client Project/Site: Bellatrix 28H Fed #1

408 W. Texas St. Artesia, New Mexico 88210

Attn: Kayla Taylor

MAMER

Authorized for release by: 7/11/2022 1:55:10 PM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Talon/LPE
Project/Site: Bellatrix 28H Fed #1

Laboratory Job ID: 880-16699-1 SDG: Eddy Co NM

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Definitions/Glossary

Client: Talon/LPE Job ID: 880-16699-1 Project/Site: Bellatrix 28H Fed #1

SDG: Eddy Co NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
J	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
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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

LOD

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)

LOQ Limit of Quantitation (DoD/DOE) MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

Limit of Detection (DoD/DOE)

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 **Practical Quantitation Limit PQL PRES** Presumptive

Quality Control QC RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: Talon/LPE

Job ID: 880-16699-1 Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

Job ID: 880-16699-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-16699-1

Receipt

The sample was received on 7/8/2022 12:24 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 5.7°C

GC VOA

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

GC Semi VOA

Method 8015MOD NM: The method blank for preparation batch 880-29336 and analytical batch 880-29250 contained Gasoline Range Organics (GRO)-C6-C10 and OII Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-29336 and analytical batch 880-29250 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD NM: The matrix spike (MS) recoveries for preparation batch 880-29336 and analytical batch 880-29250 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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: 880-16699-1

Client Sample Results

Client: Talon/LPE

Job ID: 880-16699-1

Project/Site: Bellatrix 28H Fed #1

SDG: Eddy Co NM

Client Sample ID: SA-4

Date Collected: 07/07/22 14:10 Date Received: 07/08/22 12:24

Sample Depth: 4'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00101	J	0.00201	0.000387	mg/Kg		07/08/22 14:51	07/09/22 21:34	
Toluene	0.00269		0.00201	0.000459	mg/Kg		07/08/22 14:51	07/09/22 21:34	•
Ethylbenzene	0.00290		0.00201	0.000568	mg/Kg		07/08/22 14:51	07/09/22 21:34	•
m-Xylene & p-Xylene	0.00579		0.00402	0.00102	mg/Kg		07/08/22 14:51	07/09/22 21:34	
o-Xylene	0.00844		0.00201	0.000346	mg/Kg		07/08/22 14:51	07/09/22 21:34	•
Xylenes, Total	0.0142		0.00402	0.00102	mg/Kg		07/08/22 14:51	07/09/22 21:34	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	118		70 - 130				07/08/22 14:51	07/09/22 21:34	
1,4-Difluorobenzene (Surr)	100		70 - 130				07/08/22 14:51	07/09/22 21:34	:
- Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.0208		0.00402	0.00102	mg/Kg			07/11/22 11:06	
Analyte Total TPH	Result 16.5	Qualifier J	49.9	MDL 15.0	Unit mg/Kg	D	Prepared	Analyzed 07/11/22 10:03	Dil Fa
Total TPH	16.5	J	49.9	15.0	mg/Kg			07/11/22 10:03	
-								0771722 10.00	•
Analyte	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	
Analyte Gasoline Range Organics		Qualifier	RL 49.9		Unit mg/Kg	<u>D</u>	Prepared 07/08/22 16:05		Dil Fac
Analyte Gasoline Range Organics	Result	Qualifier U		15.0		<u>D</u>		Analyzed	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <15.0	Qualifier U J*1	49.9	15.0 15.0	mg/Kg	<u> </u>	07/08/22 16:05	Analyzed 07/09/22 05:15	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <15.0 16.5	Qualifier U J*1 U	49.9	15.0 15.0	mg/Kg	<u>D</u>	07/08/22 16:05 07/08/22 16:05	Analyzed 07/09/22 05:15 07/09/22 05:15	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate	Result <15.0 16.5 <15.0	Qualifier U J*1 U	49.9 49.9 49.9	15.0 15.0	mg/Kg	<u>D</u>	07/08/22 16:05 07/08/22 16:05 07/08/22 16:05	Analyzed 07/09/22 05:15 07/09/22 05:15 07/09/22 05:15	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <15.0 16.5 <15.0 %Recovery	Qualifier U J*1 U	49.9 49.9 49.9 <i>Limits</i>	15.0 15.0	mg/Kg	<u>D</u>	07/08/22 16:05 07/08/22 16:05 07/08/22 16:05 Prepared	Analyzed 07/09/22 05:15 07/09/22 05:15 07/09/22 05:15 Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result <15.0 16.5 <15.0	Qualifier U J*1 U Qualifier	49.9 49.9 49.9 Limits 70 - 130	15.0 15.0	mg/Kg	<u>D</u>	07/08/22 16:05 07/08/22 16:05 07/08/22 16:05 Prepared 07/08/22 16:05	Analyzed 07/09/22 05:15 07/09/22 05:15 07/09/22 05:15 Analyzed 07/09/22 05:15	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U J*1 U Qualifier	49.9 49.9 49.9 Limits 70 - 130	15.0 15.0	mg/Kg mg/Kg mg/Kg	<u>D</u>	07/08/22 16:05 07/08/22 16:05 07/08/22 16:05 Prepared 07/08/22 16:05	Analyzed 07/09/22 05:15 07/09/22 05:15 07/09/22 05:15 Analyzed 07/09/22 05:15	Dil Fac

Surrogate Summary

Client: Talon/LPE Job ID: 880-16699-1
Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

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)	
380-16699-1	SA-4	118	100	
880-16711-A-1-A MS	Matrix Spike	110	103	
880-16711-A-1-B MSD	Matrix Spike Duplicate	117	99	
LCS 880-29325/1-A	Lab Control Sample	105	102	
LCSD 880-29325/2-A	Lab Control Sample Dup	104	103	
MB 880-29325/5-A	Method Blank	99	90	
Surrogate Legend				

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

Matrix: Solid Prep Type: Total/NA

		1001	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-16697-A-21-F MS	Matrix Spike	78	73
880-16697-A-21-G MSD	Matrix Spike Duplicate	93	84
880-16699-1	SA-4	88	87
LCS 880-29336/2-A	Lab Control Sample	84	91
LCSD 880-29336/3-A	Lab Control Sample Dup	92	96
MB 880-29336/1-A	Method Blank	107	118

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

6

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IU

12

Client: Talon/LPE

Job ID: 880-16699-1

SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-29325/5-A

Lab Sample ID: LCS 880-29325/1-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 29358

Project/Site: Bellatrix 28H Fed #1

Matrix: Solid Analysis Batch: 29358 Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29325

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		07/08/22 14:51	07/09/22 16:11	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		07/08/22 14:51	07/09/22 16:11	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		07/08/22 14:51	07/09/22 16:11	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		07/08/22 14:51	07/09/22 16:11	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		07/08/22 14:51	07/09/22 16:11	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		07/08/22 14:51	07/09/22 16:11	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	07/08/22 14:51	07/09/22 16:11	1
1,4-Difluorobenzene (Surr)	90		70 - 130	07/08/22 14:51	07/09/22 16:11	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29325

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1065 mg/Kg 107 70 - 130 Toluene 0.100 0.1030 mg/Kg 103 70 - 130 0.100 0.1059 Ethylbenzene mg/Kg 106 70 - 130 0.200 109 70 - 130 m-Xylene & p-Xylene 0.2181 mg/Kg 0.100 0.1087 70 - 130 o-Xylene mg/Kg 109

LCS LCS

Surrogate	%Recovery Qua	lifier Limits
4-Bromofluorobenzene (Surr)	105	70 - 130
1,4-Difluorobenzene (Surr)	102	70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 29325

Analysis Batch: 29358

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1075		mg/Kg		108	70 - 130	1	35
Toluene	0.100	0.1027		mg/Kg		103	70 - 130	0	35
Ethylbenzene	0.100	0.1066		mg/Kg		107	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2198		mg/Kg		110	70 - 130	1	35
o-Xylene	0.100	0.1093		mg/Kg		109	70 - 130	1	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1.4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-16711-A-1-A MS

Lab Sample ID: LCSD 880-29325/2-A

Matrix: Solid

Analysis Batch: 29358

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

Prep Batch: 29325

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.000383	U	0.0998	0.09215		mg/Kg	_	92	70 - 130	
Toluene	0.00279		0.0998	0.08306		mg/Kg		80	70 - 130	

Client: Talon/LPE

Project/Site: Bellatrix 28H Fed #1

Job ID: 880-16699-1 SDG: Eddy Co NM

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

Lab Sample ID: 880-16711-A-1-A MS

Lab Sample ID: 880-16711-A-1-B MSD

Matrix: Solid

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 29325

Samp	le Sample	Spike	MS	MS				%Rec	
Analyte Res	lt Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene 0.001	98 J	0.0998	0.07765		mg/Kg		76	70 - 130	
m-Xylene & p-Xylene 0.004	64	0.200	0.1581		mg/Kg		77	70 - 130	
o-Xylene 0.003	29	0.0998	0.07796		mg/Kg		75	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 29325

RPD

Analysis Batch: 29358 Sample Sample Spike MSD MSD Result Qualifier Added Result Qualifier RPD Limit Analyte Unit %Rec Limits 0.100 Benzene <0.000383 U 0.09015 mg/Kg 90 70 - 130 2 35 Toluene 0.00279 0.09061 0.100 mg/Kg 88 70 - 130 35 Ethylbenzene 0.00198 0.100 0.08857 mg/Kg 86 70 - 130 13 35 0.00464 0.200 0.1811 70 - 130 35 m-Xylene & p-Xylene mg/Kg 88 14 0.100 0.00329 0.08641 83 70 - 130 10 o-Xylene mg/Kg

MSD MSD

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

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

Lab Sample ID: MB 880-29336/1-A

Matrix: Solid

Analysis Batch: 29250

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29336

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	37.85	J	50.0	15.0	mg/Kg		07/08/22 16:05	07/08/22 21:01	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		07/08/22 16:05	07/08/22 21:01	1
Oll Range Organics (Over C28-C36)	16.09	J	50.0	15.0	mg/Kg		07/08/22 16:05	07/08/22 21:01	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	07/08/22 16:05	07/08/22 21:01	1
o-Terphenyl	118		70 - 130	07/08/22 16:05	07/08/22 21:01	1

Lab Sample ID: LCS 880-29336/2-A

Matrix: Solid

Analysis Batch: 29250

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29336

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1037		mg/Kg		104	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	865.9		mg/Kg		87	70 - 130	
C10-C28)								

Client: Talon/LPE Job ID: 880-16699-1 Project/Site: Bellatrix 28H Fed #1

SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-29336/2-A **Matrix: Solid**

Lab Sample ID: LCSD 880-29336/3-A

Lab Sample ID: 880-16697-A-21-F MS

Matrix: Solid

Analysis Batch: 29250

Diesel Range Organics (Over

Analysis Batch: 29250

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29336

LCS LCS

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 84 70 - 130 o-Terphenyl 91 70 - 130

Client Sample ID: Lab Control Sample Dup

70 - 130

107

Prep Type: Total/NA

21

Analysis Batch: 29250 Prep Batch: 29336 Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 1147 115 70 - 13010 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10

1074 *1

MS MS

mg/Kg

1000

C10-C28)

LCSD LCSD

Sample Sample

Surrogate %Recovery Qualifier Limits 92 70 - 130 1-Chlorooctane 96 70 - 130 o-Terphenyl

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 29336

Analyte Added Result Qualifier Result Qualifier Unit D %Rec Limits Gasoline Range Organics 32.0 JΒ 998 792.2 mg/Kg 76 70 - 130 (GRO)-C6-C10 <15.0 U F1 *1 Diesel Range Organics (Over 998 621.6 F1 mg/Kg 62 70 - 130

Spike

C10-C28)

Matrix: Solid

MS MS

%Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 78 70 - 130 o-Terphenyl 73

Lab Sample ID: 880-16697-A-21-G MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 29250

Prep Type: Total/NA

Prep Batch: 29336 RPD %Rec

Sample Sample MSD MSD Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit 32.0 JΒ 997 901.4 87 Gasoline Range Organics mg/Kg 70 - 130 13 20 (GRO)-C6-C10 Diesel Range Organics (Over <15.0 U F1 *1 997 727.7 mg/Kg 73 70 - 130 16 20

C10-C28)

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	84		70 - 130

Eurofins Midland

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: Talon/LPE Job ID: 880-16699-1
Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-29301/1-A

Matrix: Solid

Analysis Batch: 29393

мв мв

 Analyte
 Result Chloride
 Qualifier
 RL VIDENTIAL
 MDL VIDENTIAL
 Unit VIDENTIAL
 D VIDENTIAL
 Prepared VIDENTIAL
 Analyzed VIDENTIAL
 Dil Fac VIDENTIAL

 Chloride
 <0.858</td>
 U
 5.00
 0.858
 mg/Kg
 07/09/22 18:51
 1

Lab Sample ID: LCS 880-29301/2-A

Matrix: Solid

Analysis Batch: 29393

Spike LCS LCS %Rec Added %Rec Analyte Result Qualifier Unit D Limits Chloride 250 225.7 mg/Kg 90 90 - 110

Lab Sample ID: LCSD 880-29301/3-A

Matrix: Solid

Analysis Batch: 29393

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

Lab Sample ID: 880-16698-A-14-G MS

Matrix: Solid

Analysis Batch: 29393

MS MS Sample Sample Spike %Rec Analyte Qualifier Added Qualifier Result Result Unit %Rec Limits Chloride 14.5 250 267.3 101 90 - 110 mg/Kg

Lab Sample ID: 880-16698-A-14-H MSD

Matrix: Solid

Analysis Batch: 29393

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 250 Chloride 14.5 268.9 mg/Kg 102 90 - 110 20

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QC Association Summary

Client: Talon/LPE

Project/Site: Bellatrix 28H Fed #1

Job ID: 880-16699-1

SDG: Eddy Co NM

GC VOA

Prep Batch: 29325

Lab Sample ID 880-16699-1	Client Sample ID SA-4	Prep Type Total/NA	Matrix Solid	Method 5035	Prep Batch
MB 880-29325/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-29325/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-29325/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16711-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-16711-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 29358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16699-1	SA-4	Total/NA	Solid	8021B	29325
MB 880-29325/5-A	Method Blank	Total/NA	Solid	8021B	29325
LCS 880-29325/1-A	Lab Control Sample	Total/NA	Solid	8021B	29325
LCSD 880-29325/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	29325
880-16711-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	29325
880-16711-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	29325

Analysis Batch: 29421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16699-1	SA-4	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 29250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16699-1	SA-4	Total/NA	Solid	8015B NM	29336
MB 880-29336/1-A	Method Blank	Total/NA	Solid	8015B NM	29336
LCS 880-29336/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	29336
LCSD 880-29336/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	29336
880-16697-A-21-F MS	Matrix Spike	Total/NA	Solid	8015B NM	29336
880-16697-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	29336

Prep Batch: 29336

Lab Sample ID 880-16699-1	Client Sample ID SA-4	Prep Type Total/NA	Matrix Solid	Method 8015NM Prep	Prep Batch
MB 880-29336/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-29336/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-29336/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-16697-A-21-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-16697-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 29414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16699-1	SA-4	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 29301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16699-1	SA-4	Soluble	Solid	DI Leach	
MB 880-29301/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-29301/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-29301/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Talon/LPE Job ID: 880-16699-1
Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

HPLC/IC (Continued)

Leach Batch: 29301 (Continued)

	Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
	880-16698-A-14-G MS	Matrix Spike	Soluble	Solid	DI Leach	
L	880-16698-A-14-H MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 29393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16699-1	SA-4	Soluble	Solid	300.0	29301
MB 880-29301/1-A	Method Blank	Soluble	Solid	300.0	29301
LCS 880-29301/2-A	Lab Control Sample	Soluble	Solid	300.0	29301
LCSD 880-29301/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	29301
880-16698-A-14-G MS	Matrix Spike	Soluble	Solid	300.0	29301
880-16698-A-14-H MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	29301

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Lab Chronicle

Client: Talon/LPE Job ID: 880-16699-1 Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

Client Sample ID: SA-4

Date Collected: 07/07/22 14:10 Date Received: 07/08/22 12:24 Lab Sample ID: 880-16699-1

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			4.97 g	5 mL	29325	07/08/22 14:51	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29358	07/09/22 21:34	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29421	07/11/22 11:06	SM	XEN MID
Total/NA	Analysis	8015 NM		1			29414	07/11/22 10:03	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	29336	07/08/22 16:05	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29250	07/09/22 05:15	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		1			29393	07/09/22 22:32	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Talon/LPE Job ID: 880-16699-1 Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

Laboratory: Eurofins Midland

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

		ogram	Identification Number	Expiration Date
		ELAP	T104704400-22-24	06-30-23
The following analytes	are included in this report, bu	it the laboratory is not certific	ed by the governing authority. This list ma	av include analytes for
the agency does not of	fer certification.	•	, , ,	·, ·····
the agency does not of Analysis Method	fer certification . Prep Method	Matrix	Analyte	,
0 ,		Matrix Solid	, , ,	

Method Summary

Client: Talon/LPE

Project/Site: Bellatrix 28H Fed #1

Job ID: 880-16699-1

SDG: Eddy Co NM

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. 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:

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

Eurofins Midland

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Sample Summary

Client: Talon/LPE

Project/Site: Bellatrix 28H Fed #1

Job ID: 880-16699-1

SDG: Eddy Co NM

l ah Camula ID	Client Commis ID	Matrix	Callagéad	Dessived	
Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-16699-1	SA-4	Solid	07/07/22 14:10	07/08/22 12:24	4'

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Environment Testing Xenco	Housto Midland, 1 EL Paso, Hobbs, I	Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 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	Work Order No: 1669	•
roject Manager Kalila Taylor	Bill to: (if different)	Dayon	Work Order Comments	
Name: TAION IPE	Company Name:		T/PST ☐ PRP☐ Brownfields ☐ RRC ☐	Superfund 🗌
ity, State ZIP: Av+2SiCo. A) M	Address. City, State ZIP		Reporting Level II Level III PST/UST TRRP	Level IV
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Didnik	Yes No) (S	H ₃ PO ₄ HP	
cooler Custody Seals: Yes No VA Correction Factor	かれ	81	Na S.O. NaSO	
Yes No MA	Se	id.	Zn Acetate+NaOH Zn	<u></u>
otal Containers: Corrected Temperature:	77.	or E)	NaOH+Ascorbic Acid SAPC	SAPC
Sample Identification Matrix Date Time Sampled Sampled	Depth Grab/	Cont TP	Sample Comments	nents
1-11 S 1-7-21 1416	\ \tag{2}	× ×		
			880-16699 Chain of Custody	
Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PF Lircle Method(s) and Metal(s) to be analyzed TCLP / S	13PPM Texas 11 A LP / SPLP 6010 8RCF	A 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg ITCLP/SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se	Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Tl Sn U V Zn Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471	
otice: 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 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 feurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated	der from client company to sonsibility for any losses or for each sample submitte	Eurofins Xenco, its affiliates and subcontractors. It assigns standard to spenses incurred by the client if such losses are due to circumstances in to Eurofins Xenco, but not analyzed. These terms will be enforced un	rems and conditions beyond the control less previously negotiated.	
Relinquished by: (Signature) Received by: (Signature)		Date/Time Relinquished by (Signature)	ature) Received by (Signature) Date/Time	Time
		6		·······

Login Sample Receipt Checklist

Client: Talon/LPE Job Number: 880-16699-1 SDG Number: Eddy Co NM

List Source: Eurofins Midland Login Number: 16699

List Number: 1

Creator: Rodriguez, Leticia

	_	_
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	



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Environment Testing America

ANALYTICAL REPORT

Eurofins Midland 1211 W. Florida Ave Midland, TX 79701 Tel: (432)704-5440

Laboratory Job ID: 880-16700-1

Laboratory Sample Delivery Group: Eddy Co NM

Client Project/Site: Bellatrix 28H Fed #1

For:

eurofins

Talon/LPE 408 W. Texas St. Artesia, New Mexico 88210

Attn: Kayla Taylor

MEAMER

Authorized for release by: 7/11/2022 1:54:16 PM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

Received by OCD: 6/12/2023 3:48:09 PM

Review your project

results through

Have a Question?



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www.eurofinsus.com/Env
Released to Imaging: 7/3/2023 10:37:42 AM

Results relate only to the items tested and the sample(s) as received by the laboratory.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten

Client: Talon/LPE Laboratory Job ID: 880-16700-1 Project/Site: Bellatrix 28H Fed #1

SDG: Eddy Co NM

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Definitions/Glossary

Client: Talon/LPE Job ID: 880-16700-1 Project/Site: Bellatrix 28H Fed #1

SDG: Eddy Co NM

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.

U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
В	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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.
n	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)
MCI	EDA recommended "Maximum Conteminant Level"

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry) Method Detection Limit MDL

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)

RLReporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points **RPD**

TEF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: Talon/LPE

Project/Site: Bellatrix 28H Fed #1

Job ID: 880-16700-1

SDG: Eddy Co NM

Job ID: 880-16700-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-16700-1

Receipt

The samples were received on 7/8/2022 12:24 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.7°C

GC VOA

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

GC Semi VOA

Method 8015MOD NM: The method blank for preparation batch 880-29336 and analytical batch 880-29250 contained Gasoline Range Organics (GRO)-C6-C10 and OII Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-29336 and analytical batch 880-29250 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD NM: The matrix spike (MS) recoveries for preparation batch 880-29336 and analytical batch 880-29250 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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.

Client: Talon/LPE

Job ID: 880-16700-1 Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

Lab Sample ID: 880-16700-1 **Client Sample ID: N-Comp** Date Collected: 07/07/22 13:00 Matrix: Solid

Date Received: 07/08/22 12:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		07/08/22 14:51	07/09/22 21:55	1
Toluene	0.00537		0.00199	0.000453	mg/Kg		07/08/22 14:51	07/09/22 21:55	•
Ethylbenzene	0.00135	J	0.00199	0.000562	mg/Kg		07/08/22 14:51	07/09/22 21:55	•
m-Xylene & p-Xylene	0.00752		0.00398	0.00100	mg/Kg		07/08/22 14:51	07/09/22 21:55	1
o-Xylene	0.00201		0.00199	0.000342	mg/Kg		07/08/22 14:51	07/09/22 21:55	•
Xylenes, Total	0.00953		0.00398	0.00100	mg/Kg		07/08/22 14:51	07/09/22 21:55	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	80		70 - 130				07/08/22 14:51	07/09/22 21:55	
1,4-Difluorobenzene (Surr)	98		70 - 130				07/08/22 14:51	07/09/22 21:55	1
- Method: Total BTEX - Total BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0163		0.00398	0.00100	mg/Kg			07/11/22 11:06	1
- Method: 8015 NM - Diesel Ran	ge Organics (DR	O) (GC)							
Analyte	• • •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	73.9		50.0	15.0	mg/Kg			07/11/22 10:03	1
- Method: 8015B NM - Diesel Ra	nge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	39.2	JB	50.0	15.0	mg/Kg		07/08/22 16:05	07/09/22 05:37	1
Diesel Range Organics (Over C10-C28)	19.3	J *1	50.0	15.0	mg/Kg		07/08/22 16:05	07/09/22 05:37	1
Oll Range Organics (Over C28-C36)	15.4	JB	50.0	15.0	mg/Kg		07/08/22 16:05	07/09/22 05:37	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				07/08/22 16:05	07/09/22 05:37	1
o-Terphenyl	81		70 - 130				07/08/22 16:05	07/09/22 05:37	1
- Method: 300.0 - Anions, Ion Ch	nromatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: S-Comp Lab Sample ID: 880-16700-2 Date Collected: 07/07/22 13:45 Matrix: Solid

Date Received: 07/08/22 12:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		07/08/22 14:51	07/09/22 22:15	1
Toluene	0.000741	J	0.00201	0.000459	mg/Kg		07/08/22 14:51	07/09/22 22:15	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		07/08/22 14:51	07/09/22 22:15	1
m-Xylene & p-Xylene	<0.00102	U	0.00402	0.00102	mg/Kg		07/08/22 14:51	07/09/22 22:15	1
o-Xylene	< 0.000346	U	0.00201	0.000346	mg/Kg		07/08/22 14:51	07/09/22 22:15	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		07/08/22 14:51	07/09/22 22:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				07/08/22 14:51	07/09/22 22:15	1
1,4-Difluorobenzene (Surr)	84		70 - 130				07/08/22 14:51	07/09/22 22:15	1

Client Sample Results

Client: Talon/LPE Job ID: 880-16700-1
Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

Client Sample ID: S-Comp

Lab Sample ID: 880-16700-2

Date Collected: 07/07/22 13:45
Date Received: 07/08/22 12:24

Matrix: Solid

Method: Total BTEX - Total BTE	:X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00402	0.00102	mg/Kg			07/11/22 11:06	1
Method: 8015 NM - Diesel Rang	e Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	68.3		50.0	15.0	mg/Kg			07/11/22 10:03	1
Method: 8015B NM - Diesel Ran	nge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	36.2	JB	50.0	15.0	mg/Kg		07/08/22 16:05	07/09/22 05:58	1
(GRO)-C6-C10									
Diesel Range Organics (Over	17.1	J *1	50.0	15.0	mg/Kg		07/08/22 16:05	07/09/22 05:58	1
C10-C28)									
Oll Range Organics (Over	15.0	JB	50.0	15.0	mg/Kg		07/08/22 16:05	07/09/22 05:58	1
C28-C36)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				07/08/22 16:05	07/09/22 05:58	1
o-Terphenyl	93		70 - 130				07/08/22 16:05	07/09/22 05:58	1
Method: 300.0 - Anions, Ion Chi	romatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	323		5.03	0.863	mg/Kg			07/09/22 22:47	

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Talon/LPE Job ID: 880-16700-1
Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Reco	very (Acceptar
		BFB1	DFBZ1		
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		
880-16700-1	N-Comp	80	98		
880-16700-2	S-Comp	102	84		
880-16711-A-1-A MS	Matrix Spike	110	103		
880-16711-A-1-B MSD	Matrix Spike Duplicate	117	99		
LCS 880-29325/1-A	Lab Control Sample	105	102		
LCSD 880-29325/2-A	Lab Control Sample Dup	104	103		
MB 880-29325/5-A	Method Blank	99	90		
Surrogate Legend					

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

Matrix: Solid Prep Type: Total/NA

		1001	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-16697-A-21-F MS	Matrix Spike	78	73
880-16697-A-21-G MSD	Matrix Spike Duplicate	93	84
880-16700-1	N-Comp	84	81
880-16700-2	S-Comp	86	93
LCS 880-29336/2-A	Lab Control Sample	84	91
LCSD 880-29336/3-A	Lab Control Sample Dup	92	96
MB 880-29336/1-A	Method Blank	107	118

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Talon/LPE

Job ID: 880-16700-1

SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-29325/5-A

Project/Site: Bellatrix 28H Fed #1

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29325

MB	MB

Analyzed Dil Fac
1 07/09/22 16:11 1
1 07/09/22 16:11 1
1 07/09/22 16:11 1
1 07/09/22 16:11 1
1 07/09/22 16:11 1
1 07/09/22 16:11 1

MB MB

Surrogate	%Recovery Q	Qualifier Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99	70 - 130	07/08/22 14:51	07/09/22 16:11	1
1,4-Difluorobenzene (Surr)	90	70 - 130	07/08/22 14:51	07/09/22 16:11	1

Lab Sample ID: LCS 880-29325/1-A

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29325

ı		Spike	LCS	LCS				%Rec	
l	Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
l	Benzene	0.100	0.1065		mg/Kg		107	70 - 130	
l	Toluene	0.100	0.1030		mg/Kg		103	70 - 130	
l	Ethylbenzene	0.100	0.1059		mg/Kg		106	70 - 130	
١	m-Xylene & p-Xylene	0.200	0.2181		mg/Kg		109	70 - 130	
l	o-Xylene	0.100	0.1087		mg/Kg		109	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-29325/2-A

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 29325

	Spike	LCSD I	LCSD				%Rec		RPD
Analyte	Added	Result (Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1075		mg/Kg		108	70 - 130	1	35
Toluene	0.100	0.1027		mg/Kg		103	70 - 130	0	35
Ethylbenzene	0.100	0.1066		mg/Kg		107	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2198		mg/Kg		110	70 - 130	1	35
o-Xylene	0.100	0.1093		mg/Kg		109	70 - 130	1	35

LCSD LCSD

Surrogate	%Recovery 0	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1 4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-16711-A-1-A MS

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 29325

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.000383	U	0.0998	0.09215		mg/Kg		92	70 - 130	
Toluene	0.00279		0.0998	0.08306		mg/Kg		80	70 - 130	

Client: Talon/LPE

Project/Site: Bellatrix 28H Fed #1

Job ID: 880-16700-1 SDG: Eddy Co NM

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

Lab Sample ID: 880-16711-A-1-A MS

Lab Sample ID: 880-16711-A-1-B MSD

Matrix: Solid

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 29325

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	0.00198	J	0.0998	0.07765		mg/Kg		76	70 - 130	
m-Xylene & p-Xylene	0.00464		0.200	0.1581		mg/Kg		77	70 - 130	
o-Xylene	0.00329		0.0998	0.07796		mg/Kg		75	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 29325

Analysis Batch: 29358

Sample Sample Spike MSD MSD RPD Result Qualifier Added Result Qualifier RPD Limit Analyte Unit %Rec Limits 0.100 Benzene <0.000383 U 0.09015 mg/Kg 90 70 - 130 2 35 0.00279 Toluene 0.100 0.09061 mg/Kg 88 70 - 130 9 35 Ethylbenzene 0.00198 0.100 0.08857 mg/Kg 86 70 - 130 35 13 0.00464 0.200 70 - 130 m-Xylene & p-Xylene 0.1811 mg/Kg 88 14 35 0.00329 0.100 0.08641 83 70 - 130 o-Xylene mg/Kg 10

MSD MSD

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

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

Lab Sample ID: MB 880-29336/1-A

Matrix: Solid

Analysis Batch: 29250

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29336

MB MB Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Analyte Gasoline Range Organics 50.0 07/08/22 16:05 07/08/22 21:01 37.85 J 15.0 mg/Kg (GRO)-C6-C10 50.0 07/08/22 16:05 07/08/22 21:01 Diesel Range Organics (Over <15.0 U 15.0 mg/Kg C10-C28) OII Range Organics (Over C28-C36) 16.09 J 50.0 07/08/22 16:05 07/08/22 21:01 15.0 mg/Kg

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	07/08/22 16:05	07/08/22 21:01	1
o-Terphenyl	118		70 - 130	07/08/22 16:05	07/08/22 21:01	1

Lab Sample ID: LCS 880-29336/2-A

Matrix: Solid

Analysis Batch: 29250

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29336

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics	1000	1037		mg/Kg		104	70 - 130
(GRO)-C6-C10							
Diesel Range Organics (Over	1000	865.9		mg/Kg		87	70 - 130
C10-C28)							

Client: Talon/LPE Job ID: 880-16700-1 Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

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

LCS LCS

%Recovery Qualifier

84

91

Lab Sample ID: LCS 880-29336/2-A Client Sample ID: Lab Control Sample

Matrix: Solid

Surrogate

o-Terphenyl

o-Terphenyl

1-Chlorooctane

Analysis Batch: 29250

Prep Type: Total/NA

Prep Batch: 29336

Lab Sample ID: LCSD 880-29336/3-A Client Sample ID: Lab Control Sample Dup

Limits

70 - 130

70 - 130

Matrix: Solid Prep Type: Total/NA

Analysis Batch: 29250 Prep Batch: 29336 RPD

Spike LCSD LCSD %Rec Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 1147 115 70 - 13010 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1074 *1 107 mg/Kg 70 - 13021 20 C10-C28)

LCSD LCSD Surrogate %Recovery Qualifier Limits 92 70 - 130 1-Chlorooctane 96 70 - 130

Lab Sample ID: 880-16697-A-21-F MS Client Sample ID: Matrix Spike

Matrix: Solid Prep Type: Total/NA

Analysis Batch: 29250 Prep Batch: 29336 Sample Sample MS MS Spike

Added Analyte Result Qualifier Result Qualifier Unit D %Rec Limits Gasoline Range Organics 32.0 JΒ 998 792.2 mg/Kg 76 70 - 130 (GRO)-C6-C10 <15.0 U F1 *1 Diesel Range Organics (Over 998 621.6 F1 mg/Kg 62 70 - 130 C10-C28)

MS MS %Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane 78 70 - 130 o-Terphenyl 73

Lab Sample ID: 880-16697-A-21-G MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Prep Type: Total/NA Analysis Batch: 29250 Prep Batch: 29336

Sample Sample MSD MSD RPD Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit 32.0 JΒ 997 87 Gasoline Range Organics 901.4 mg/Kg 70 - 130 13 20

(GRO)-C6-C10 Diesel Range Organics (Over <15.0 U F1 *1 997 727.7 mg/Kg 73 70 - 130 16 20 C10-C28)

MSD MSD %Recovery Qualifier Surrogate Limits 1-Chlorooctane 93 70 - 130 84 70 - 130 o-Terphenyl

QC Sample Results

Client: Talon/LPE Job ID: 880-16700-1 Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-29301/1-A

Matrix: Solid

Analysis Batch: 29393

Client Sample ID: Method Blank **Prep Type: Soluble**

MB MB Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Chloride <0.858 U 5.00 0.858 mg/Kg 07/09/22 18:51

Lab Sample ID: LCS 880-29301/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 29393

Spike LCS LCS %Rec Added %Rec Analyte Result Qualifier Unit D Limits Chloride 250 225.7 mg/Kg 90 90 - 110

Lab Sample ID: LCSD 880-29301/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 29393

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

Lab Sample ID: 880-16698-A-14-G MS Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 29393

MS MS Sample Sample Spike %Rec Analyte Qualifier Added Qualifier Result Result Unit %Rec Limits Chloride 14.5 250 267.3 101 90 - 110 mg/Kg

Lab Sample ID: 880-16698-A-14-H MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 29393

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 250 Chloride 14.5 268.9 mg/Kg 102 90 - 110 20

Eurofins Midland

Prep Type: Soluble

QC Association Summary

Client: Talon/LPE

Project/Site: Bellatrix 28H Fed #1

Job ID: 880-16700-1 SDG: Eddy Co NM

GC VOA

Prep Batch: 29325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16700-1	N-Comp	Total/NA	Solid	5035	
880-16700-2	S-Comp	Total/NA	Solid	5035	
MB 880-29325/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-29325/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-29325/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16711-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-16711-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 29358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16700-1	N-Comp	Total/NA	Solid	8021B	29325
880-16700-2	S-Comp	Total/NA	Solid	8021B	29325
MB 880-29325/5-A	Method Blank	Total/NA	Solid	8021B	29325
LCS 880-29325/1-A	Lab Control Sample	Total/NA	Solid	8021B	29325
LCSD 880-29325/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	29325
880-16711-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	29325
880-16711-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	29325

Analysis Batch: 29422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16700-1	N-Comp	Total/NA	Solid	Total BTEX	
880-16700-2	S-Comp	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 29250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16700-1	N-Comp	Total/NA	Solid	8015B NM	29336
880-16700-2	S-Comp	Total/NA	Solid	8015B NM	29336
MB 880-29336/1-A	Method Blank	Total/NA	Solid	8015B NM	29336
LCS 880-29336/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	29336
LCSD 880-29336/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	29336
880-16697-A-21-F MS	Matrix Spike	Total/NA	Solid	8015B NM	29336
880-16697-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	29336

Prep Batch: 29336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16700-1	N-Comp	Total/NA	Solid	8015NM Prep	
880-16700-2	S-Comp	Total/NA	Solid	8015NM Prep	
MB 880-29336/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-29336/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-29336/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-16697-A-21-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-16697-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 29415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16700-1	N-Comp	Total/NA	Solid	8015 NM	
880-16700-2	S-Comp	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Talon/LPE Job ID: 880-16700-1
Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

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Leach Batch: 29301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16700-1	N-Comp	Soluble	Solid	DI Leach	_
880-16700-2	S-Comp	Soluble	Solid	DI Leach	
MB 880-29301/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-29301/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-29301/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16698-A-14-G MS	Matrix Spike	Soluble	Solid	DI Leach	
880-16698-A-14-H MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 29393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16700-1	N-Comp	Soluble	Solid	300.0	29301
880-16700-2	S-Comp	Soluble	Solid	300.0	29301
MB 880-29301/1-A	Method Blank	Soluble	Solid	300.0	29301
LCS 880-29301/2-A	Lab Control Sample	Soluble	Solid	300.0	29301
LCSD 880-29301/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	29301
880-16698-A-14-G MS	Matrix Spike	Soluble	Solid	300.0	29301
880-16698-A-14-H MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	29301

Eurofins Midland

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Client: Talon/LPE Project/Site: Bellatrix 28H Fed #1

Job ID: 880-16700-1 SDG: Eddy Co NM

Lab Sample ID: 880-16700-1

Matrix: Solid

Client Sample ID: N-Comp Date Collected: 07/07/22 13:00 Date Received: 07/08/22 12:24

	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	29325	07/08/22 14:51	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29358	07/09/22 21:55	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29422	07/11/22 11:06	SM	XEN MID
Total/NA	Analysis	8015 NM		1			29415	07/11/22 10:03	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	29336	07/08/22 16:05	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29250	07/09/22 05:37	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		1			29393	07/09/22 22:40	CH	XEN MID

Client Sample ID: S-Comp Lab Sample ID: 880-16700-2 Matrix: Solid

Date Collected: 07/07/22 13:45 Date Received: 07/08/22 12:24

	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	29325	07/08/22 14:51	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29358	07/09/22 22:15	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29422	07/11/22 11:06	SM	XEN MID
Total/NA	Analysis	8015 NM		1			29415	07/11/22 10:03	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	29336	07/08/22 16:05	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29250	07/09/22 05:58	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		1			29393	07/09/22 22:47	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Talon/LPE Job ID: 880-16700-1
Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

Laboratory: Eurofins Midland

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

Authority Texas		rogram	Identification Number	Expiration Date
		ELAP	T104704400-22-24	06-30-23
The following analytes the agency does not of		ut the laboratory is not certifi	ed by the governing authority. This list ma	ay include analytes fo
	er certification.			
Analysis Method	Prep Method	Matrix	Analyte	
9 ,		Matrix Solid	Analyte Total TPH	

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Method Summary

Client: Talon/LPE

Project/Site: Bellatrix 28H Fed #1

Job ID: 880-16700-1

SDG: Eddy Co NM

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. 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:

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

Eurofins Midland

Sample Summary

Client: Talon/LPE

Project/Site: Bellatrix 28H Fed #1

Job ID: 880-16700-1

SDG: Eddy Co NM

Lab Sample ID Client Sample ID		Matrix	Collected	Received
880-16700-1	N-Comp	Solid	07/07/22 13:00	07/08/22 12:24
880-16700-2	S-Comp	Solid	07/07/22 13:45	07/08/22 12:24

Circle Method(s) and Metal(s) to be analyzed

Total 200.7 / 6010

200.8 / 6020:

8RCRA 13PPM

service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibili tice: Signature of this document and relinquishment of samples constitutes a valid purchase order from

Relinquished by (Signature)

Recei∦ed by: (Signature)

4618 Date/Time

Relinquished by (Signature)

Received by (Signature)

Date/Time

Revised Date: 08/25/2020 Rev 2020.7

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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

eurofins

Xenco

Environment Testing

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

alid purchase order from client compa		CRA 13PPM					SIS	1300	Time Sampled	emperature:	Reading	actor-	j	Wet Ice:	the lab, if received by 4:30pm	Due Date.		Boutine	•	Email		8					Ğ
from client company to E	ll '	/ Texas 11 Al Sh						n	Depth Grab/ #	\\ \.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.	200	7	次处	Mes No		-	- U N Code	Ium Around			City, State ZIP	Address:	Company Name	Bill to: (if different)		EL Paso, 13	Midland, TX
alld purchase order from client company to Eurofins Xenco, its affiliates and subcontractors, it assigns standard terms and conditions assume any responsibility for any losses or expanses incurred by the client form to be company to the conditions.	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	As Ra Re R Cd Ca Cr					- X X X X	- X 大 人	cont T		1 X	8		SA SA	300)0	ode	ANALYSIS REQUEST						Dovar	(1) (2) 2) 22 (2) 20 (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296 Hobbs NM (575) 392-7550 Carlebad NM (575) 988-2199	Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
	Se Ag TI U Hg 1631/2451/7470 /7471	V Co Ao C:O No C:		Chain of Custoch	880-1670		I I I		Sample Comments	NaOH+Ascorbic Acid SAPC	Zn Acetate+NaOH Zn	Na ₂ S ₂ O ₃ NaSO ₃	NaHSO ₄ NABIS		HCL.HC HNO ₃ HN	Cool Cool MeOH Me	None NO DI Water H ₂ O	JEST Preservative Codes			Reporting Level II	oject:	Program: UST/PST PRP Brownfields RRC Superfund	mments	www.xenco.com Pageof	a.	Work Order No: 100 100
								_	2000	10	۰ŧ	10															-

SAMPLE RECEIPT

Yes Z

Sample Custody Seals. Cooler Custody Seals: Samples Received Intact:

Yes No 8 Yes Blank:

Total Containers:

Sample Identification

Matrix

Date Sampled

Corrected Temperature: Temperature Reading Correction Factor Thermometer ID:

GRED

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Project Number Project Name:

Bellatin

HSC

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700794, 245, 6

Due Date.

132-20-VIEW

Sampler's Name. Project Location.

HAZION

Project Manager

Company Name

Talor

O

KE

City, State ZIP-

ANTOSIA

Address:

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 880-16700-1

SDG Number: Eddy Co NM

Login Number: 16700 List Source: Eurofins Midland

List Number: 1

Creator: Rodriguez, Leticia

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

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Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-2767-1

Laboratory Sample Delivery Group: 700794.295.01

Client Project/Site: Bellatrix 28 Fed 01H

For:

Talon/LPE 408 W. Texas St. Artesia, New Mexico 88210

Attn: Kayla Taylor

MAMER

Authorized for release by: 8/22/2022 4:40:39 PM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Talon/LPE
Project/Site: Bellatrix 28 Fed 01H

Laboratory Job ID: 890-2767-1
SDG: 700794.295.01

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Definitions/Glossary

Client: Talon/LPE Job ID: 890-2767-1 Project/Site: Bellatrix 28 Fed 01H

SDG: 700794.295.01

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier Qualifier Description

В Compound was found in the blank and sample. F1 MS and/or MSD recovery exceeds control limits.

Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. J

S1-Surrogate recovery exceeds control limits, low biased.

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

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

Toxicity Equivalent Factor (Dioxin) TEF TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

 Client: Talon/LPE
 Job ID: 890-2767-1

 Project/Site: Bellatrix 28 Fed 01H
 SDG: 700794.295.01

Job ID: 890-2767-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2767-1

Receipt

The sample was received on 8/17/2022 3:48 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 2.2°C

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-35 (890-2767-1), (890-2767-A-1-C MS) and (890-2767-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The method blank for preparation batch 880-32542 and analytical batch 880-32551 contained Gasoline Range Organics (GRO)-C6-C10, Diesel Range Organics (Over C10-C28) and Oll Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-32542 and analytical batch 880-32551 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC

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

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Matrix: Solid

Lab Sample ID: 890-2767-1

Client Sample Results

 Client: Talon/LPE
 Job ID: 890-2767-1

 Project/Site: Bellatrix 28 Fed 01H
 SDG: 700794.295.01

Client Sample ID: S-35

Date Collected: 08/08/22 10:30 Date Received: 08/17/22 15:48

Sample Depth: 0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg		08/20/22 11:55	08/22/22 10:26	1
Toluene	< 0.000457	U	0.00200	0.000457	mg/Kg		08/20/22 11:55	08/22/22 10:26	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg		08/20/22 11:55	08/22/22 10:26	1
m-Xylene & p-Xylene	<0.00101	U	0.00401	0.00101	mg/Kg		08/20/22 11:55	08/22/22 10:26	1
o-Xylene	< 0.000345	U	0.00200	0.000345	mg/Kg		08/20/22 11:55	08/22/22 10:26	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg		08/20/22 11:55	08/22/22 10:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				08/20/22 11:55	08/22/22 10:26	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/20/22 11:55	08/22/22 10:26	1
Method: Total BTEX - Total BTI	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg			08/22/22 14:35	1
Method: 8015 NM - Diesel Rang	ge Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	90.7		50.0	15.0	mg/Kg			08/22/22 13:29	1
Method: 8015B NM - Diesel Rai	nge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15.1	J B F1	50.0	15.0	mg/Kg		08/19/22 17:44	08/20/22 21:18	1
Diesel Range Organics (Over C10-C28)	48.7	JBF1	50.0	15.0	mg/Kg		08/19/22 17:44	08/20/22 21:18	1
Oll Range Organics (Over C28-C36)	26.9	JB	50.0	15.0	mg/Kg		08/19/22 17:44	08/20/22 21:18	1
Surrogate	%Recovery		Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				08/19/22 17:44	08/20/22 21:18	1
o-Terphenyl	3	S1-	70 - 130				08/19/22 17:44	08/20/22 21:18	1
Method: 300.0 - Anions, Ion Ch	romatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.3		4.99	0.857	mg/Kg			08/19/22 21:54	

Surrogate Summary

Job ID: 890-2767-1 Client: Talon/LPE Project/Site: Bellatrix 28 Fed 01H SDG: 700794.295.01

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)	
890-2767-1	S-35	83	103	
LCS 880-32565/1-A	Lab Control Sample	106	104	
LCSD 880-32565/2-A	Lab Control Sample Dup	109	94	
MB 880-32563/5-A	Method Blank	79	116	
MB 880-32565/5-A	Method Blank	79	115	
Surrogate Legend				
BFB = 4-Bromofluorobe	nzene (Surr)			
DFBZ = 1,4-Difluoroben	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)	
890-2767-1	S-35	2 S1-	3 S1-	
890-2767-1 MS	S-35	1 S1-	2 S1-	
890-2767-1 MSD	S-35	1 S1-	2 S1-	
LCS 880-32542/2-A	Lab Control Sample	84	84	
LCSD 880-32542/3-A	Lab Control Sample Dup	97	99	
MB 880-32542/1-A	Method Blank	72	74	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Carlsbad

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Client: Talon/LPE Job ID: 890-2767-1 Project/Site: Bellatrix 28 Fed 01H SDG: 700794.295.01

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-32563/5-A

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32563

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		08/20/22 11:38	08/21/22 15:32	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		08/20/22 11:38	08/21/22 15:32	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		08/20/22 11:38	08/21/22 15:32	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		08/20/22 11:38	08/21/22 15:32	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		08/20/22 11:38	08/21/22 15:32	1
Xylenes, Total	< 0.00101	U	0.00400	0.00101	mg/Kg		08/20/22 11:38	08/21/22 15:32	1

мв мв

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79	70 - 130	08/20/22 11:38	08/21/22 15:32	1
1,4-Difluorobenzene (Surr)	116	70 - 130	08/20/22 11:38	08/21/22 15:32	1

Lab Sample ID: MB 880-32565/5-A

Matrix: Solid

Analysis Batch: 32572

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

Prep Batch: 32565

	IIID	1110							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		08/20/22 11:55	08/22/22 03:08	1
Toluene	< 0.000456	U	0.00200	0.000456	mg/Kg		08/20/22 11:55	08/22/22 03:08	1
Ethylbenzene	< 0.000565	U	0.00200	0.000565	mg/Kg		08/20/22 11:55	08/22/22 03:08	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		08/20/22 11:55	08/22/22 03:08	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		08/20/22 11:55	08/22/22 03:08	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		08/20/22 11:55	08/22/22 03:08	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	08/20/22 11:55	08/22/22 03:08	1
1,4-Difluorobenzene (Surr)	115		70 - 130	08/20/22 11:55	08/22/22 03:08	1

Lab Sample ID: LCS 880-32565/1-A

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32565

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09644		mg/Kg		96	70 - 130	
Toluene	0.100	0.1021		mg/Kg		102	70 - 130	
Ethylbenzene	0.100	0.1024		mg/Kg		102	70 - 130	
m-Xylene & p-Xylene	0.200	0.1900		mg/Kg		95	70 - 130	
o-Xylene	0.100	0.1026		mg/Kg		103	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	106	70 _ 130
1.4-Difluorobenzene (Surr)	104	70 - 130

Lab Sample ID: LCSD 880-32565/2-A

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32565

	Spike	LCSD LCSD				70 KeC		KPD
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08950	mg/Kg		89	70 - 130	7	35

LCCD LCCD

Cnika

Client: Talon/LPE Job ID: 890-2767-1 Project/Site: Bellatrix 28 Fed 01H SDG: 700794.295.01

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

Lab Sample ID: LCSD 880-32565/2-A

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 32565

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Toluene	0.100	0.1074		mg/Kg		107	70 - 130	5	35
Ethylbenzene	0.100	0.1108		mg/Kg		111	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2083		mg/Kg		104	70 - 130	9	35
o-Xylene	0.100	0.1122		mg/Kg		112	70 - 130	9	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

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

Lab Sample ID: MB 880-32542/1-A

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32542

MB MB Dil Fac Analyte Result Qualifier RL MDL Unit Prepared Analyzed Gasoline Range Organics 15.86 J 50.0 15.0 mg/Kg 08/19/22 17:44 08/20/22 20:12 (GRO)-C6-C10 Diesel Range Organics (Over 44.82 J 50.0 15.0 mg/Kg 08/19/22 17:44 08/20/22 20:12 C10-C28) Oll Range Organics (Over C28-C36) 24.31 J 50.0 15.0 mg/Kg 08/19/22 17:44 08/20/22 20:12

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	08/19/22 17:44	08/20/22 20:12	1
o-Terphenyl	74		70 - 130	08/19/22 17:44	08/20/22 20:12	1

Lab Sample ID: LCS 880-32542/2-A

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32542

Spike LCS LCS Added Result Qualifier Analyte Unit %Rec Limits Gasoline Range Organics 1000 721.7 mg/Kg 72 70 - 130(GRO)-C6-C10 1000 785.3 mg/Kg 79 70 - 130 Diesel Range Organics (Over

C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: LCSD 880-32542/3-A

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32542

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	812.5		mg/Kg		81	70 - 130	12	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	905.4		mg/Kg		91	70 - 130	14	20
C10-C28)									

Client: Talon/LPE Job ID: 890-2767-1 Project/Site: Bellatrix 28 Fed 01H SDG: 700794.295.01

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

Lab Sample ID: LCSD 880-32542/3-A

Matrix: Solid Analysis Batch: 32551 Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32542

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 97 70 - 130 o-Terphenyl 99 70 - 130

Lab Sample ID: 890-2767-1 MS Client Sample ID: S-35

Matrix: Solid Prep Type: Total/NA Analysis Batch: 32551 Prep Batch: 32542

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits 15.1 JBF1 997 27.11 J F1 70 - 130Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 997 45.54 JF1 48.7 JBF1 mg/Kg -0.3 70 - 130C10-C28)

MS MS

Surrogate %Recovery Qualifier Limits S1-70 - 130 1-Chlorooctane 2 S1-70 - 130 o-Terphenyl

Lab Sample ID: 890-2767-1 MSD

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: S-35 Prep Type: Total/NA Prep Batch: 32542

Sample Sample MSD MSD Spike Analyte Result Qualifier hahhA Result Qualifier Unit %Rec I imits RPD Limit D Gasoline Range Organics 15.1 JBF1 995 24.68 JF1 mg/Kg 70 - 130 9 20 (GRO)-C6-C10 Diesel Range Organics (Over 48.7 JBF1 995 46.85 JF1 mg/Kg -0.2 70 - 130 3 20 C10-C28)

MSD MSD %Recovery Qualifier Surrogate Limits S1-70 - 130 1-Chlorooctane 1 o-Terphenyl 70 - 130 2 S1-

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-32421/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 32603

MB MB Dil Fac Analyte Result Qualifier RΙ MDL Unit D Prepared Analyzed Chloride <0.858 U 5.00 0.858 mg/Kg 08/19/22 18:49

Lab Sample ID: LCS 880-32421/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 32603

Spike LCS LCS %Rec Analyte Added Result Qualifier Limits Unit Chloride 250 246.0 mg/Kg 90 - 110

QC Sample Results

 Client: Talon/LPE
 Job ID: 890-2767-1

 Project/Site: Bellatrix 28 Fed 01H
 SDG: 700794.295.01

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-32421/3-A

Client Sample ID: Lab Control Sample Dup
Matrix: Solid

Prep Type: Soluble

Analysis Batch: 32603

	Spike	LCSD	LCSD			%Rec		RPD
Analyte	Added	Result	Qualifier Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	242.2	mg/Kc		97	90 - 110	2	20

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QC Association Summary

 Client: Talon/LPE
 Job ID: 890-2767-1

 Project/Site: Bellatrix 28 Fed 01H
 SDG: 700794.295.01

GC VOA

Prep Batch: 32563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-32563/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 32565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2767-1	S-35	Total/NA	Solid	5035	
MB 880-32565/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32565/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32565/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 32572

Lab Sample ID 890-2767-1	Client Sample ID S-35	Prep Type Total/NA	Matrix Solid	Method 8021B	Prep Batch 32565
MB 880-32563/5-A	Method Blank	Total/NA	Solid	8021B	32563
MB 880-32565/5-A	Method Blank	Total/NA	Solid	8021B	32565
LCS 880-32565/1-A	Lab Control Sample	Total/NA	Solid	8021B	32565
LCSD 880-32565/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32565

Analysis Batch: 32698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2767-1	S-35	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 32542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2767-1	S-35	Total/NA	Solid	8015NM Prep	
MB 880-32542/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32542/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32542/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2767-1 MS	S-35	Total/NA	Solid	8015NM Prep	
890-2767-1 MSD	S-35	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2767-1	S-35	Total/NA	Solid	8015B NM	32542
MB 880-32542/1-A	Method Blank	Total/NA	Solid	8015B NM	32542
LCS 880-32542/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32542
LCSD 880-32542/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32542
890-2767-1 MS	S-35	Total/NA	Solid	8015B NM	32542
890-2767-1 MSD	S-35	Total/NA	Solid	8015B NM	32542

Analysis Batch: 32665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2767-1	S-35	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 32421

Lal	b Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep I	Batch
890	0-2767-1	S-35	Soluble	Solid	DI Leach	
ME	3 880-32421/1-A	Method Blank	Soluble	Solid	DI Leach	
LC	S 880-32421/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Eurofins Carlsbad

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QC Association Summary

 Client: Talon/LPE
 Job ID: 890-2767-1

 Project/Site: Bellatrix 28 Fed 01H
 SDG: 700794.295.01

HPLC/IC (Continued)

Leach Batch: 32421 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-32421/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 32603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2767-1	S-35	Soluble	Solid	300.0	32421
MB 880-32421/1-A	Method Blank	Soluble	Solid	300.0	32421
LCS 880-32421/2-A	Lab Control Sample	Soluble	Solid	300.0	32421
LCSD 880-32421/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32421

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Lab Chronicle

Client: Talon/LPE Job ID: 890-2767-1 Project/Site: Bellatrix 28 Fed 01H SDG: 700794.295.01

Client Sample ID: S-35 Lab Sample ID: 890-2767-1

Date Collected: 08/08/22 10:30 Matrix: Solid Date Received: 08/17/22 15:48

	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	32565	08/20/22 11:55	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/22/22 10:26	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32698	08/22/22 14:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			32665	08/22/22 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 21:18	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32421	08/18/22 10:38	СН	EET MID
Soluble	Analysis	300.0		1			32603	08/19/22 21:54	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

 Client: Talon/LPE
 Job ID: 890-2767-1

 Project/Site: Bellatrix 28 Fed 01H
 SDG: 700794.295.01

Laboratory: Eurofins Midland

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

Authority	Pr	ogram	Identification Number	Expiration Date
Texas	NE	ELAP	T104704400-22-24	06-30-23
The following analytes	are included in this report, bu	it the laboratory is not certific	ed by the governing authority. This list ma	av include analytes for
the agency does not of	fer certification.	•	, , ,	·,,
the agency does not of Analysis Method	fer certification . Prep Method	Matrix	Analyte	,
0 ,		Matrix Solid	, , ,	

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Method Summary

Client: Talon/LPE Job ID: 890-2767-1 Project/Site: Bellatrix 28 Fed 01H SDG: 700794.295.01

Method Protocol **Method Description** 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	MCAWW	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

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. 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: Talon/LPE
 Job ID: 890-2767-1

 Project/Site: Bellatrix 28 Fed 01H
 SDG: 700794.295.01

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2767-1	S-35	Solid	08/08/22 10:30	08/17/22 15:48	0

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Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Work Order No:

Environment Testing
Xenco

control negotiated.	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	penses incurred by the clie	losses or exp ubmitted to E	ty for any sample s	arge of \$5 for each	project and a ch	applied to each p	liable only for the co arge of \$85.00 will be	A minimum ch	of service. Eurofine of Eurofins Xenco.
ditions	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	ofins Xenco, its affiliates ar	npany to Euro	client con	ırchase order from	titutes a valid pu	of samples const	t and relinquishment	f this documer	: Signature o
Hg: 1631/245.1/7470/7471	Ni Se Ag TI U	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo	b As Ba		TCLP / SPLP 6010: 8RCRA	TCLP / SP	zed	Circle Method(s) and Metal(s) to be analyzed	(s) and Me	le Method
SiO ₂ Na Sr Ti Sn U V Zn	Co Cu Fe Pb Mg Mn Mo Ni K Se Ag	Be B Cd Ca Cr C	As Ba	Al Sb	M Texas 11	8RCRA 13PPM	8R	200.8 / 6020:	/ 6010	Total 200.7 / 6010
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mgomez@talonipe.com					-					
ktaylor@taloniple.com										
Email analyticals to:		×	×	-1	0' Comp	10:30	8/8/2022	Soil	S-35	
Sample Comments		ТРН	Chlorid BTEX	# of Cont	Depth Grab/	Time Sampled	Date Sampled	on Matrix	Sample Identification	Sample
NaOH+Ascorbic Acid: SAPC			es		6.6	emperature:	Corrected Temperature:		S:	Total Containers:
Zn Acetate+NaOH: Zn	890-2767 Chain of Custody	89	H		بر ق	Reading:	Temperature Reading:	Yes No NIA	y Seals:	Sample Custody Seals:
Na ₂ S ₂ O ₃ : NaSO ₃				P	10.0	actor:	Correction Factor:	Yes No N/A	Seals:	Cooler Custody Seals:
NaHSO ₄ : NABIS				arar	L OO M		Thermometer ID:	Yes No	ved Intact:	Samples Received Intact:
H ₃ PO ₄ : HP				nete	Yes No	Wet Ice:	© No	Temp Blank:	CEIPT	SAMPLE RECEIPT
H ₂ S0 ₄ : H ₂ NaOH: Na				rs	the lab, if received by 4:30pm	the lab, if reci		21005322		PO #:
HCL: HC HNO3: HN					TAT starts the day received by	TAT starts the		M. Gomez	ĊĎ	Sampler's Name:
Cool: Cool MeOH: Me					2724	Due Date:		Eddy County, NM	IH. 	Project Location:
None: NO DI Water: H ₂ O				Code	Rush	Routine	01	700794.295.01		Project Number:
Preservative Codes	ANALYSIS REQUEST	A			Turn Around	Turn	101H	Bellatrix 28 Fed 01H		Project Name:
ADaPT Other	Deliverables: EDD					Email:		575.746.8768	575.7	Phone:
III PST/UST TRRP Level IV	Reporting: Level III Level III PST/UST TRRP				City, State ZIP:			Artesia, NM 88210	Artesi	City, State ZIP:
	State of Project:				Address:			408 W. Texas Ave.	408 V	Address:
] PRP 🗌 Brownfields 🗌 RRC 📗 Superfund 📗	Program: UST/PST PRP				Company Name:			LPE	e: Talon LPE	Company Name:
				5	טווו נט. (וו טווופופות)			/ioi		Floject Mailagei.

Login Sample Receipt Checklist

Client: Talon/LPE Job Number: 890-2767-1 SDG Number: 700794.295.01

Login Number: 2767 List Number: 1 Creator: Clifton, Cloe List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Talon/LPE Job Number: 890-2767-1

SDG Number: 700794.295.01

Login Number: 2767 **List Source: Eurofins Midland** List Number: 2

List Creation: 08/19/22 10:36 AM

Creator: Rodriguez, Leticia

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").



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 24, 2023

KAYLA TAYLOR

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: BELLATRIX 28 FED 1

Enclosed are the results of analyses for samples received by the laboratory on 05/19/23 9:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE KAYLA TAYLOR 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 05/19/2023 Sampling Date: 05/18/2023

Reported: 05/24/2023 Sampling Type: Soil

Project Name: BELLATRIX 28 FED 1 Sampling Condition: Cool & Intact
Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

Sample ID: ESW - 2 (D) 2' (H232549-01)

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	05/21/2023	ND	2.06	103	2.00	5.34		
Toluene*	<0.050	0.050	05/21/2023	ND	2.10	105	2.00	6.29		
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.03	101	2.00	6.49		
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.30	105	6.00	6.11		
Total BTEX	<0.300	0.300	05/21/2023	ND						
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4							
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/22/2023	ND	400	100	400	3.92		
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	05/19/2023	ND	208	104	200	25.2		
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	212	106	200	21.4		
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND						
Surrogate: 1-Chlorooctane	116	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	112 9	% 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. Keine

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

QR-04 The RPD for the BS/BSD was outside of historical limits.

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

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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

2						
Company Name: alon	lalon LPE		BILL TO			ANALYSIS DECLIEST
Project Manager: K.	K. Taylor		P.O. #:			מואחר יסוס אבשטבסו
Address: 408 W.	W. Texas Ave		Company:			
city: Artesia		1 zip: 88210	Attn:			
Phone #: 575.746.8768	7		Address:			
Project #: 700794.295.01		Project Owner: Devon	City:			
Project Name: B	Project Name: Bellatrix 28 Fed # 1					
Project Location:	Project Location: Eddy County, NM		Dhare. Lip:			
Sampler Name:			Phone #:		_	
Sampler Name: IVI. GOTTIEZ	vi.Goillez, b.Medley		Fax #:		_	
FOR THE USE ONLY			PRESERV. SAMPLING	ING		
Lab I.D. #232549	Sample I.D.	(G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: CE/COOL OTHER:		ВТЕХ ТРН	
	ESW-2 (D) 2'	GF W/ SC OI	AC ICI OT	-	7,	
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4 :ASE NOTE: Liability and Dame	8			T	I	
in lyses. All claims including the sprice. In no event shall Cardin will lates or successors arising or	for negligence and any other cause whatsoever e liable for incidental or consequental damages or related to the neuformance of	The shall be deemed without unknown and in milling and necessary cand be limited to the amount paid by the claimt by the shall be deemed without unknown made in milling and necessary Cardinal within 30 days after completion of the a including without limitation, business interruptions, based use, or loss of profits incurred by claimt, its subsidiation.	or lort, shall be limited to the amount paid received by Cardinal within 30 days after ses of use, or loss of profits incurred by a	t by the client for the r completion of the applicable fent, its subsidiaries,		
sh	Date:	Received By:	based upon any of the above stated rea	1		L
OCD 6/12/	W. G.W. Time: 7 0 23	//	Make	Phone Result: [Fax Result: [REMARKS:	☐ Yes ☐ No	Add'I Phone #: Add'I Fax #:
ed Delivered By: (Circle One)	Circle One)	#113 Sample Condition	5			
ceive ampler - UPS - E	Bus - Other: 0,90/0		0	Page	-	_
+	Cardinal cannot account worked changes bloom for	without observed		7 hand	10	

Cardinal cannot account worked changes

Diases for written channes to IETE1 202_2226

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 226635

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	226635
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	d Condition	Condition Date
bhall	None	7/3/2023