Page 1 of 276

Incident ID nAB1600826804
District RP 2RP-3478
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 is	items must be included in the closure report.
 ☐ A scaled site and sampling diagram as described in 19.15.29.1 Final C141 Photographs of the remediated site prior to backfill or photos 	11 NMAC of the liner integrity if applicable (Note: appropriate OCD District office
must be notified 2 days prior to liner inspection)	of the finer integrity if appreciate (1/occ. appropriate 300 Bisarct office
☐ Laboratory analyses of final sampling (Note: appropriate ODG	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 rephuman health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
Printed Name: Dale Woodall	Title: Environmental Professional
Signature: Dala Woodall	Date: 8/30/2022
email: dale.woodall@dvn.com	Telephone: 575.748.1838
OCD Only	
Received by:	Date:
and remediate contamination that poses a threat to groundwater, responsible party of compliance with any other federal, state, or loc	rty of liability should their operations have failed to adequately investigate surface water, human health, or the environment nor does not relieve the cal laws and/or regulations.
Closure Approved by: Lattan Hall	Date: 10/26/2022
Printed Name: Brittany Hall	Title: Environmental Specialist



Closure Report

Bellatrix 28 Fed #001H Eddy County, New Mexico API# 30-015-40331 Incident #s nAB1600826804, nAB1917158019, nAPP2127857190 and nAPP2204058257

Prepared For:

Devon Energy Production Company 6488 Seven Rivers Highway Artesia, NM 88210

Prepared By:

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

September 30, 2022



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

Subject: Closure Report

Bellatrix 28 Fed #001H Eddy County, New Mexico

API# 30-015-40331

Incident #s nAB1600826804, nAB1917158019, 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

@ www.talonlpe.com

866.742.0742

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

Approx	cimate Depth to	Groundwater	140 feet/bgs
□Yes	⊠No	Within 300 feet of any continuously flowing water any other significant watercourse	ercourse or
□Yes	⊠No	Within 200 feet of any lakebed, sinkhole or a pla	aya lake
∐Yes	⊠No	Within 300 feet from an occupied permanent reschool, hospital, institution or church	sidence,
□Yes	⊠No	Within 500 feet of a spring or a private, domesti well used by less than five households for dome watering purposes	
□Yes	⊠No	Within 1000 feet of any freshwater well or spring	g
∐Yes	⊠No	Within incorporated municipal boundaries or wit municipal freshwater well field covered under a ordinance adopted pursuant to Section 3-2703	municipal
∐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 s Impacted by a Release									
Depth below horizontal extents of release to ground water less than 10,000 mg/l TDS	horizontal extents of release to ground										
≤ 50 feet	Total Chlorides TPH	EPA 300.0 or SM4500 CI B EPA SW-846 Method	600 mg/kg 100 mg/kg								
	(GRO+DRO+MRO)	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.

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**.

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 samples were transported via chain of custody to Cardinal Laboratories, for analysis of Total Chlorides (SM4500Cl-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 1aSite Assessment Analytical Data
Incident #s nAB1600826804 and nAB1917158019

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 Clo ia 19.15.29 N		50 mg/kg	10 mg/kg		+ GRO + I ned = 100		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
3-8	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'	4' ND NE		ND	ND	ND	-	304
	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 ia 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
3-3	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
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	2021 WELL H	EAD INCID	DENT N	D = Analyte	Not Detec	ted R = R	efusal with	n Hand Aug	er

Table 1c
Site Assessment Analytical Data
Incident # nAPP2204058257

Sample ID	Sample Depth Date (BGS)		· ·			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		+ GRO + I ned = 100	_	100 mg/kg	600 mg/kg				
E- COMP	2/14/2022	0'	ND	ND	ND	ND	ND	1	304				
W- COMP 2/14/2022 0'		ND	ND	ND	ND	ND	-	336					
	2	022 CON	TAINMENT	T INCIDENT	ND = Ana	alyte Not I	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 via 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			10 mg/kg	_	+ GRO + I ned = 100	100 mg/kg	600 mg/kg		
Incident # nAB1600826804 (2016 Pressure Valve Release)										
S-35	8/8/2022	0.5'	ND	ND	15.1	48.7	26.9	90.7	60.3	
Incident	# nAB191715	8019 (201	.9 Produced	d Water Rele	ase)					
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	

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 Clo		50	10 mg/kg		+ GRO +		100	600
	ia 19.15.29 N	MAC	mg/kg		combi	ned = 100	mg/kg	mg/kg	mg/kg
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
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		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	# nAPP21278	57190 (20	21 Well He	ad 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

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			10 mg/kg		+ GRO + I ned = 100	100 mg/kg	600 mg/kg		
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	se)					
N- COMP	7/7/2022	1'	0.0163	ND	39.2	19.3	15.4	73.9	15.8	
S- COMP	1 7/7/2022 I		ND	ND	36.2	17.1	15	68.3	323	
ND = Analyte not detected NSW = North Side Wall ESW = East Side Wall SSW = South Side Wall WSW = West Side Wall										

Remedial Action Summary

- The impacted area of ESW-2 could not be advanced further due to accessibility, exsisting infrastructure and safety concerns.
- 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 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 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

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 and that closure of these incidents be granted.

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

Digitally signed by Kayla Taylor
Decensaryla Taylor

David J

David J

David J

David J

David J

Columnia Latylorgetalloripe.com,
Columnia Columnia

Kayla Taylor David J. Adkins Project Manager Regional Manager

Attachments:

Appendix I Site Maps

Appendix II Groundwater Data, Soil Data, FEMA Flood Map

Appendix III C-141 Forms, NMOCD Correspondence

Appendix IV Photographic Documentation Appendix V Laboratory Analytical Data

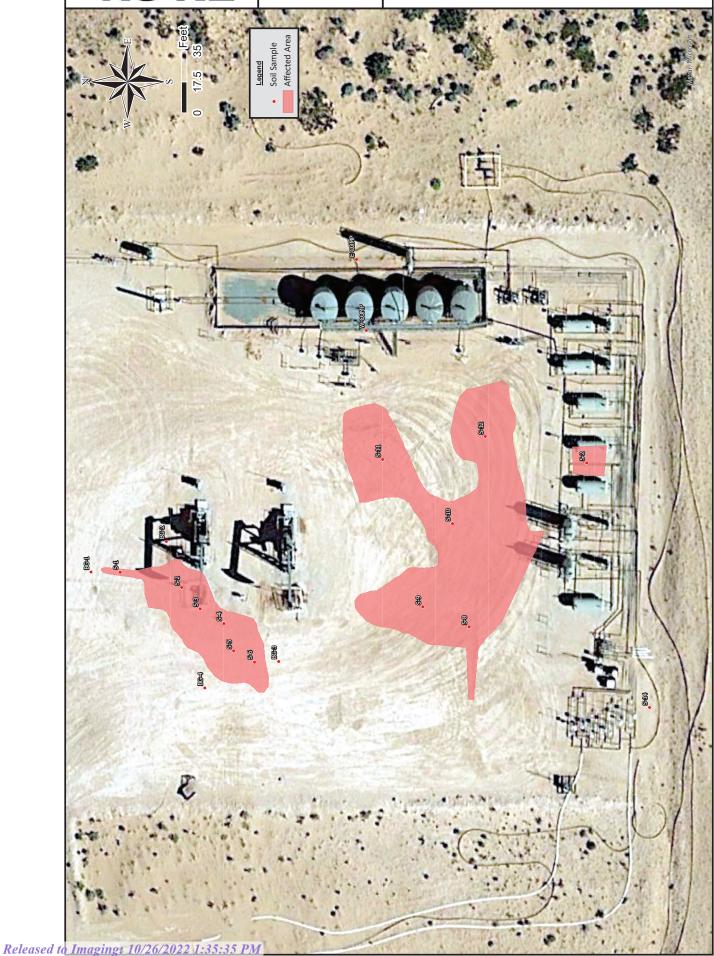


Appendix I

Site Maps

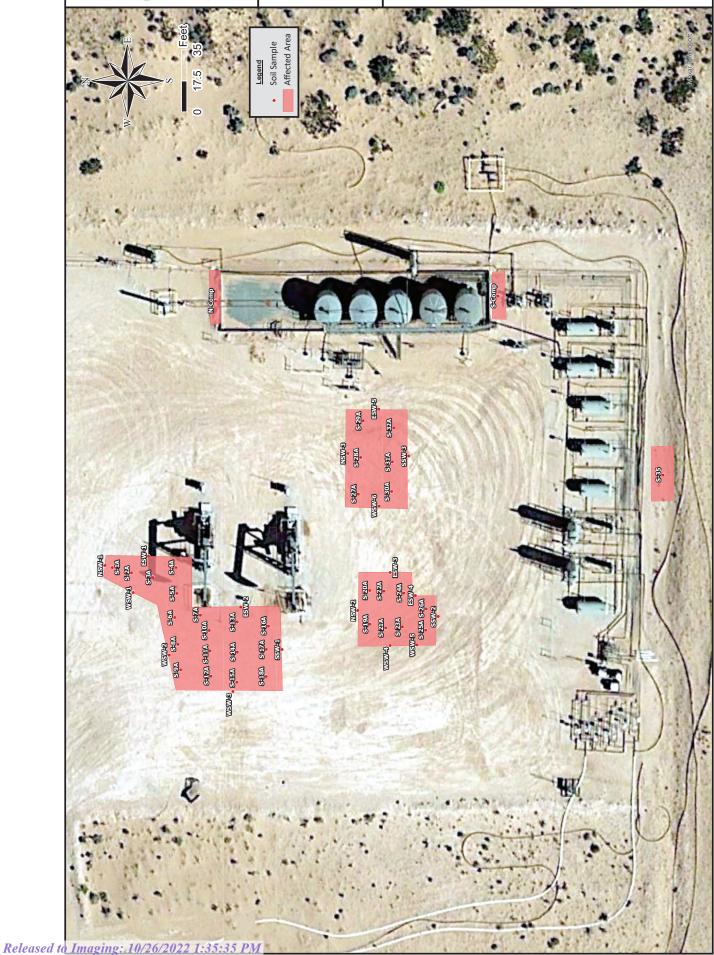
NOTAT

Draffed: 8/30/2022 1 in = 35 ft Draffed By: UR Devon Energy Corporation Bellatrix 28 Federal #1 Battery Eddy County, MM Figure 1 - Site Assessment Map

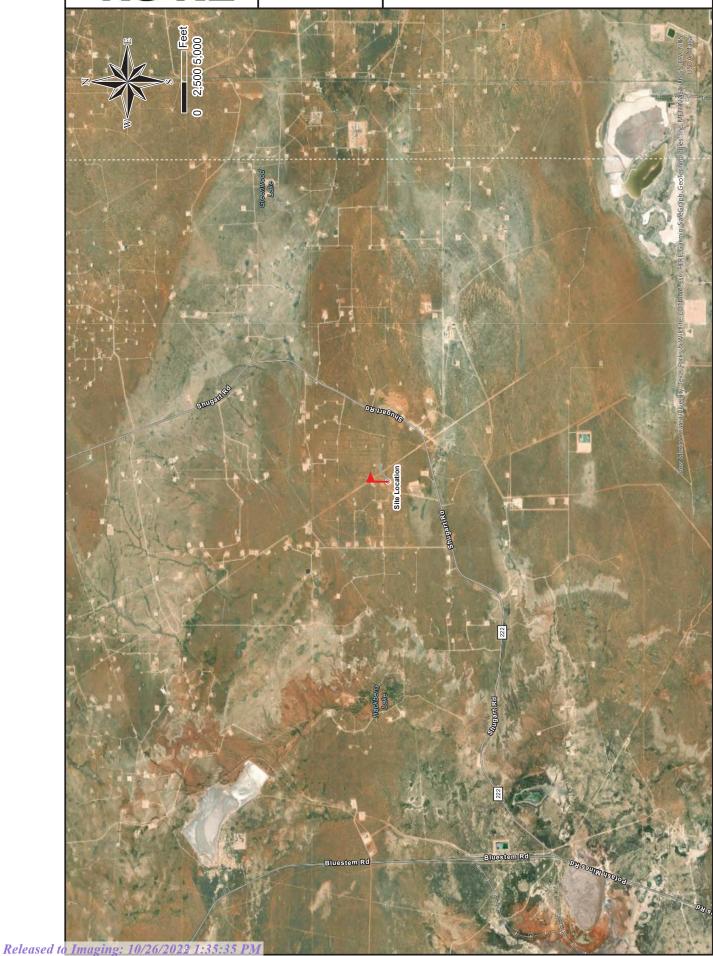




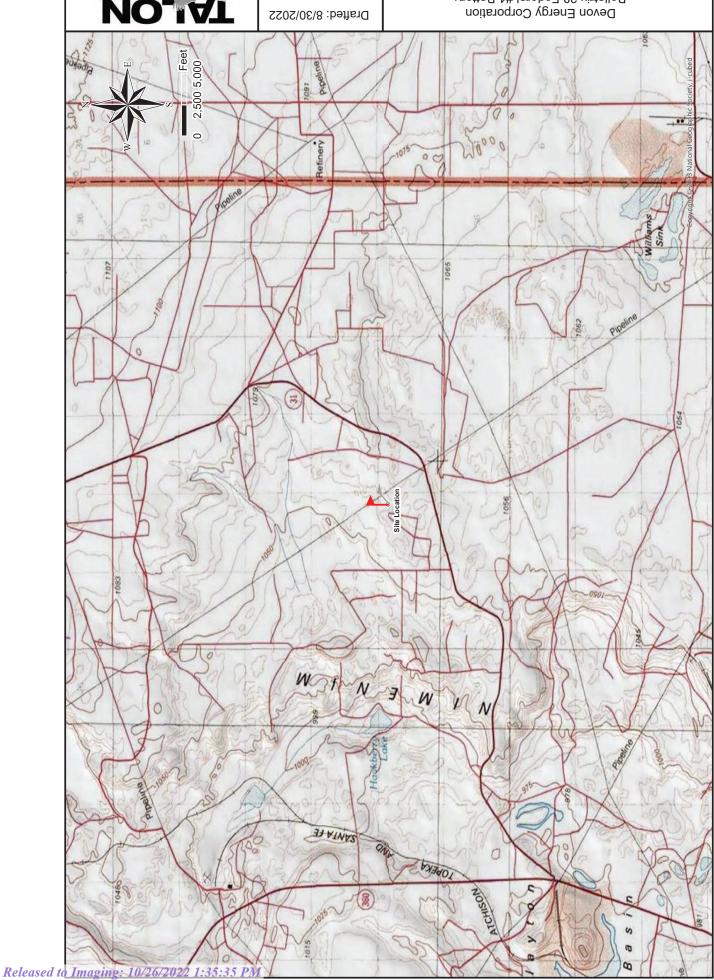
Draffed: 8/30/2022 A in = 35 ft Draffed By: JJR Devon Energy Corporation Bellatrix 28 Federal #1 Battery Eddy County, MM Figure 2 - Confirmation Sample Map



Draffed: 8/30/2022 1 in = 5,000 ff Draffed By: UR Devon Energy Corporation Bellatrix 28 Federal #1 Battery Eddy County, MM Figure 3 - Site Location



)rafted: 8/30/2022 1 in = 5,000 ft Drafted By: UR Devon Energy Corporation Bellatrix 28 Federal #1 Battery Eddy County, NM Figure 4 - Topographic Map



Draffed: 8/30/2022 1 in = 300 ft Draffed By: UR Devon Energy Corporation Bellatrix 28 Federal #1 Battery Eddy County, MM Figure 5 - Karet Map





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) (NAL

(NAD83 UTM in meters)

(In feet)

		POD Sub-		^	0	0							**:	
POD Number	Code		County	_	Q 16	_	Sec	Tws	Rng	X	Y	DepthWellDepthW:		ater lumn
<u>CP 00641 POD1</u>		CP	ED		4	1	36	19S	31E	610247	3609634*	300	130	170
<u>CP 00642 POD1</u>		CP	ED		2	2	25	19S	31E	611025	3611657*	250		
<u>CP 00722 POD1</u>		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		
<u>CP 00722 POD3</u>		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		
<u>CP 00829 POD1</u>		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
<u>CP 01554 POD1</u>		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		
<u>CP 01864 POD1</u>		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



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 2 4 1 33 19S 31E

X

CP 00722 POD3

Driller License: 1058 **Driller Company:** 605519 3609673*

Driller Name: KEY, CASEY

Drill Start Date: 05/02/2011

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

Source:

Shallow Estimated Yield: 100 GPM

Pump Type: **Casing Size:**

Log File Date:

Pipe Discharge Size: Depth Well:

PCW Rcv Date:

220 feet

140 feet

5.00

Top Bottom Description

Depth Water:

Water Bearing Stratifications:

05/17/2011

Sandstone/Gravel/Conglomerate

170

Sandstone/Gravel/Conglomerate

Meter Number:

19084 Meter Serial Number: 101903750408

Gallons

Meter Make: Meter Multiplier: SEAMETRICS 1000.0000

Number of Dials:

Meter Type:

Diversion

Unit of Measure:

Usage Multiplier:

Return Flow Percent:

Reading Frequency: Quarterly

Meter Readings (in Acre-Feet)

Read Date	Year N	Itr Reading	Flag	Rdr Comment	Mtr Amount Online
07/01/2020	2020	0	A	RPT	0
10/12/2020	2020	409	A	RPT	1.256
12/31/2020	2020	724	A	RPT	0.966
**YTD Met	**YTD Meter Amounts:		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

Mexico

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

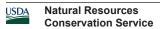
Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R042XC005NM - Deep Sand

Hydric soil rating: No



Bellatrix 28 Fed #001H

Mexico

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 LAYOUPS WITHOUT BASE Flood Elevation (BFE) (4)

0.2% Annual Chance Flood Hazard, Ars depth less than one foot or with draining areas of less than one square mile Zong areas of less than 1% Annual With BFE or Depth Zone AE, AO, AH, VE, AB, OCD.
Regulatory Floodway of 1% annual chance flood with avera

HAZARD AREAS

SPECIAL FLOOD

Future Conditions 1% Annual

Chance Flood Hazard Zone X

Area with Reduced Flood Risk due to 60:

Levee. See Notes. Zone X

Area with Flood Risk due to Levee Zone 8 Area with Flood Risk due to Levee Zon

NO SCREEN Area of Minimal Flood Hazard Zone X **Effective LOMRs**

Area of Undetermined Flood Hazard Zone L

OTHER AREAS

Channel, Culvert, or Storm Sewer STRUCTURES | 1111111 Levee, Dike, or Floodwall Cross Sections with 1% Annual Chance Water Surface Elevation

Base Flood Elevation Line (BFE) Coastal Transect

Jurisdiction Boundary

Coastal Transect Baseline

Hydrographic Feature

OTHER FEATURES

Digital Data Available

No Digital Data Available

Unmapped

MAP PANELS

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 The basemap shown complies with FEMA's basemap digital flood maps if it is not void as described below

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

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

2,000 Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

1,500

500

250



Appendix III

C-141 Forms

NMOCD Correspondence

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

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 ARTESIA DISTRICT Revised August 8, 2011

Submit 1 Cop7 to 2 optropriate District Office in accordance with 19.15.29 NMAC.

RECEIVED

	Release Notification and Corrective Action														
NABIL	0008710	Soul-		613°		OPERA	•		_	al Report		Final Report			
			Product	ion Company	-	 		duction				Tillal Kepon			
		Rivers Hwy				Contact Rudy Zuniga Production Foreman Telephone No. 575-390-5435									
		ix 28 Fed 11		111 00210		Facility Ty		100							
Surface Ov				Mineral	<u> </u>				API No	20.015	40221				
Surface Ow	viier reu	erai				''									
		r :				N OF REI	,								
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the	East/V	West Line		Coun	ty			
A	29	19S	31E	920		North	790]1	East		Edd	у			
		ī	atitude:	N 32'63'61 24'	,	Lo	igitude: W -103	1.88.43	743						
	32. 636124 _{NATURE OF RELEASE} 103,885374														
m 05.1			<i></i>	NAT	URE		LASE								
Type of Rele Source of Re		Oil					Release 1.5 bbls Hour of Occurre			Recovered Hour of D					
Pressure valv					1.2.16 @9:		nce	1.2.16 @9		iscuvei	· y				
Was Immedi	iate Notice		-			If YES, To									
		\boxtimes	Yes	No Not Re	equired	Heather Pa Dara Glass	tterson @OCD								
By Whom?	Jesse Arme	endariz Assis	ant Produ	ction Foreman		Date and I									
•						1.2.16 @ 12:00 pm									
Was a Water	roource Do	ached?				1.2.16 @ 1	2:10 pm olume Impacting	the W	otoroomreo.						
was a wate	rcourse K e		Yes 🗵	No		N/A	nume impacting	the wa	atercourse						
If a Waterco	ourse was I	mpacted, Des	cribe Ful	ly.*											
		olem and Ren													
				ve to pressure up nethanol down lit			elease. Well was:	shut in t	o prevent f	urther relea	se. Too	k apart			
piessure varv	c and got ic	c plug out alk	i ilusiicu i	nemanor down m	ic and p	out back togen	101.								
		and Cleanur									•••				
				est side of the fact ted for remediation		the pad. None	of the spill was r	recovere	d. The area	i was a 20'x	:30' wł	iere it sprayed			
on the pad. I	Dirvironine	ital Agency to	oc contac	ica ioi remealain)II,										
X1 1 2	C 11 1 1				1						(OCD				
							knowledge and und perform correct								
							arked as "Final R								
							on that pose a thr								
		addition, NMC ws and/or regu		tance of a C-141	report o	loes not reliev	e the operator of	respons	ibility for c	ompliance v	with an	y other			
1000101, 51000,	1011011111	mo aller of reg.					OIL CON	SERV	ATION	DIVISI	3N				
Signature: C	orina h	10ya							//		7				
Drintad Name	n. Carina l	Aous				Anneauad hu	Environmental S	nacialis	H	11	5				
Printed Name	e: Corma N	лоуа				Approved by		·	<i>t</i> /	W.C.	_				
Title: Field A	Admin Sup	port				Approval Da	e: 18116		Expiration	Date: V					
E-mail Addre	ess: corina.	moya@dvn.c	om			Conditions of	f Approval:								
	•				F	temediatio	n per O.C.D. F	Rules &	. Guldeli	nes Attached	Ш				
	.7.15		e: 575.74 6	.5559		MAMII HE	MEDIANDIA 5	COUPL	SAL NO			4.7			
Attach Addi	tional She	ets If Necess	ary			ATER THA	n: <u> </u>	0		20	P.3/	418			

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Incident ID	nAB1600826804
District RP	2RP-3478
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 it	tems must be included in the closure report.		
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 ODC 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: Dala Woodall	Date: 8/30/2022		
email: dale.woodall@dvn.com	Telephone: 575.748.1838		
OCD Only			
Received by:	Date:		
	ty of liability should their operations have failed to adequately investigate surface water, human health, or the environment nor does not relieve the al laws and/or regulations.		
Closure Approved by: Wall	Date: 10/26/2022		
Printed Name: Brittany Hall	Title: Environmental Specialist		

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

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	NAB1917158019
District RP	2RP-5494
Facility ID	
Application ID	pAB1917157748

Release Notification

Responsible Party

any OGRID 6137
Contact Telephone 575-748-0176
Incident # (assigned by OCD) NAB1917158019
ion of Release Source
Longitude -103.8854218
in decimal degrees to 5 decimal places)
Site Type Oil
API# (if applicable) 30-015-40331
County
Eddy
and Volume of Release
attach calculations or specific justification for the volumes provided below) Volume Recovered (bbls)
volume Recovered (bbis)
77.1 D 1/111)
Volume Recovered (bbls) 25
issolved solids (TDS) Yes No
20
issolved solids (TDS) Yes No 0 mg/l?
a

Page 29 of 2 76

Incident ID	NAB1917158019
District RP	2RP-5494
Facility ID	
Application ID	pAB1917157748

Was this a major release as defined by 19.15.29.7(A) NMAC? ■ Yes □ No	If YES, for what reason(s) does the responses, the volume was over 25 BBLS.	nsible party consider this a major release?		
If YES, was immediate no Notice was given 6/12/201 Mike Bratcher, EMNRD Ve	9 @ 3:20 pm by Amanda Davis to Debhoral	nom? When and by what means (phone, email, etc)? n McKinne, BLM; Hamlet, Robert, EMNRD Jim Griswold, EMNRD		
	Initial R	esponse		
The responsible	party must undertake the following actions immediately	y unless they could create a safety hazard that would result in injury		
■ The impacted area ha □ Released materials ha	ease has been stopped. s been secured to protect human health and are been contained via the use of berms or converable materials have been removed an	likes, absorbent pads, or other containment devices.		
If all the actions describe	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.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.				
Printed Name: Kendr	a DeHoyos	Title: EHS Associate		
Signature: Kendra		Date: 6/11/2019		
_{email:} kendra.deh	noyos@dvn.com	Telephone: 575-748-3371		
OCD Only Received by: Amali	a Bustamante	Date: 6/20/2019		

Page 30 of 276

Incident ID nAB1917158019
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 19.15.29.11 NMAC				
Final C141 Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office			
☐ Laboratory analyses of final sampling (Note: appropriate OD	 ✓ Laboratory analyses of final sampling (Note: appropriate ODC 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 rehuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification with 19.15.29.13 NMAC including not	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.			
Printed Name: Dale Woodall	Title: Environmental Professional			
Signature: Dals Woodall	Date: 8/30/2022			
email: dale.woodall@dvn.com	Telephone: 575.748.1838			
OCD Only				
Received by:	Date:			
	rty of liability should their operations have failed to adequately investigate surface water, human health, or the environment nor does not relieve the cal laws and/or regulations.			
Closure Approved by:	Date:			
Printed Name:	Title:			

Responsible Party Devon Energy Production

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

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

OGRID 6137

Contact Name Wesley Mathews			Contact To	Contact Telephone		
Contact email Wesley.Mathews@dvn.com			Incident #	Incident # (assigned by OCD)		
		6488 Seven Riv		sia, NM 88210		
			Location	of Release So		
Latitude 32	2.63612	4	(NAD 83 in dec	Longitude _cimal degrees to 5 decin	-103.885	5375
Site Name Be	ellatrix 28	Federal 1H		Site Type	∩il	
Date Release				API# (if app	plicable)	
Unit Letter	Section	Township	Range	Cour	nty	
А	29	198	31E	Edo		
Material(s) Released (Select all that apply and attach calculations or specific Crude Oil Volume Released (bbls) 5 BBLS			calculations or specific		the volumes provided below) covered (bbls) 4 BBLS	
		l(s) Released (Select al	I that apply and attach	calculations or specific		
Produced	Water		d (bbls) 4.77 BB	LS	Volume Recovered (bbls) 4 BBLS	
Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?			ved solids (TDS)	Yes		
Condensa	nte	Volume Release	d (bbls)		Volume Recovered (bbls)	
Natural G	tural Gas Volume Released (Mcf)		Volume Recovered (Mcf)			
Other (describe) Volume/Weight Released (provide units)			Volume/Weight Recovered (provide units)			
Cause of Rel	ease Well	was releasing	fluid. All fluid	stayed on pac	d.	

73	2.0		00		-
Page	32	n	1 2	! 7	h
1 118	~	ν.,	_	, ,	•

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?	
ICATE O 11 11 11	di d		
If YES, was immediate no	otice given to the OCD? By whom? To wi	nom? When and by what means (phone, email, etc)?	
	Initial R	esponse	
The responsible p	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:	
Per 10 15 20 8 B (4) NM	AC the responsible party may commence r	emediation immediately after discovery of a release. If remediation	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.			
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
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
Cubic Feet of Soil Impacted		0.800
Barrels of Soil Impacted		0.14
Soil Type		Clay
Barrels of Oil Assuming 100% Saturation		0.01
Saturation	Fluid present	with shovel/backhoe
Estimated Barrels of Oil Released		0.01
	Free Standing F	luid Only
Length(Ft)	Width(Ft)	Depth(Ft)
40	2.000	0.010
Standing fluid Total fluids spilled		0.142
		0.157

Spill Volume(Bbls Inputs in blue, Ou	
Contaminated Soil	measurement
Area (square feet)	Depth(inches)
2252.501	0.250
ubic Feet of Soil Impacted	46.927
Barrels of Soil Impacted	8.36
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	1.25
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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Incident ID nAPP2127857190
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.		
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)		
□ Laboratory analyses of final sampling (Note: appropriate ODC 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 onditions that existed prior to the release or their final land use in	
Printed Name: Dale Woodall	Title: Environmental Professional	
Signature:Dale Woodall	Date: 8/30/2022	
email: dale.woodall@dvn.com	Telephone: 575.748.1838	
OCD Only		
Received by:	Date:	
	ty of liability should their operations have failed to adequately investigate surface water, human health, or the environment nor does not relieve the cal laws and/or regulations.	
Closure Approved by:	Date:	
Printed Name:	Title:	

Responsible Party Devon Energy Production Company

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

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 To	elephone
Contact email Wesley.Mathews@dvn.com			com	Incident #	(assigned by OCD)
			vers Hwy Artesia	a, NM 88210	
				of Release So	ource
titude 32	.636134	1	NAD 92 in dooi	Longitude _	-103.885182
			(NAD 83 in aecii		• /
ite Name Be	ellatrix 28 F	ed Battery		Site Type (Oil
Date Release	Discovered	02/09/2022		API# (if app	plicable)
Unit Letter	Section	Township	Range	Cour	nty
Α	29	19S	31E	Edo	dv
Crude Oil				alculations or specific	
Crude Oil		al(s) Released (Select all that apply and attach calculations or spec Volume Released (bbls)		alculations or specific	Volume Recovered (bbls)
Produced Water Volume Released (bbls) 240 BBLS		S	Volume Recovered (bbls) 240 BBLS		
			ion of total dissolve	ed solids (TDS)	☐ Yes ☐ No
		in the produced	water $> 10,000 \text{ mg/J}$?	
Condensa	ite	in the produced Volume Release	water >10,000 mg/l d (bbls)	?	Volume Recovered (bbls)
Condensa Natural G			d (bbls)	?	
	fas	Volume Release	d (bbls)		Volume Recovered (bbls)

Received by OCD: 10/18/2022 7:09:58 AM
Form C-141 State of New Mexico
Page 2 Oil Conservation Division

Page 36 of 276

Incident ID	nAPP2204058257
District RP	
Facility ID	
Application ID	

***	TOTTER C. 1. () 1. d.		
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.		
1).13.2).7(A) WIAC:			
Yes No			
If VES was immediate n	otice given to the OCD? By whom? To w	nom? When and by what means (phone, email, etc)?	
immediate noticed	was given by Wesley Mathews o	1 2/9/22 on the OCD portal.	
	I.W.1D		
	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.		
	as been secured to protect human health and	the environment	
	•	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 describe	d above have <u>not</u> been undertaken, explain	why:	
Per 19.15.29.8 B. (4) NM	AC the responsible party may commence r	emediation immediately after discovery of a release. If remediation	
has begun, please attach	a narrative of actions to date. If remedial	efforts have been successfully completed or if the release occurred	
within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), 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	
		fications and perform corrective actions for releases which may endanger	
		OCD does not relieve the operator of liability should their operations have	
failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws			
and/or regulations.			
Drinted Name: Kendr	a DeHoyos	Title: EHS Associate	
Fillited Name.	Ta DeHoyos DeHoyos	7/22/2022	
_{email:} Kendra.Ru	iz@dvn.com	Telephone: 575-748-0167	
eman:		rereptione:	
OCD O-1-			
OCD Only			
Received by: Ramona	Marcus	Date: 2/23/2022	
-			

NAPP2204058257

	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	6
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

Page 38 of 276

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 photomust be notified 2 days prior to liner inspection) 	.11 NMAC s of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate OD	OC 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 certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re- human health or the environment. In addition, OCD acceptance of	lations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
email: dale.woodall@dvn.com	Telephone: 575.748.1838
OCD Only	
Received by:	Date:
	arty of liability should their operations have failed to adequately investigate surface water, human health, or the environment nor does not relieve the scal laws and/or regulations.
Closure Approved by:	Date:
Printed Name:	Title:
_	

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: <u>www.talonlpe.com</u>



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

Kayla Taylor

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



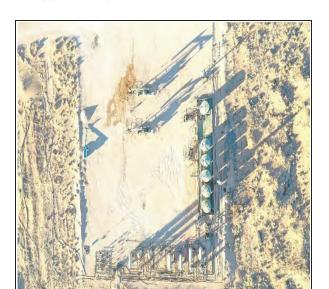
At Talon/LPE, we are quality in all things, including communication. Have a question? Need a quote? Send an email to <u>clientrelations@talonlpe.com</u>.



Appendix IV

Photographic Documentation





Photograph No.1 Description:

Aerial overview of release area.



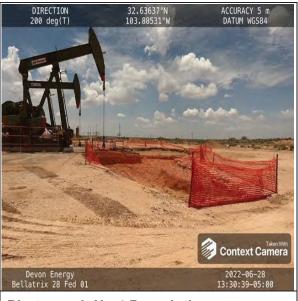
Photograph No.2 Description:

View of release area.



Photograph No.3 Description:

View of release area.



Photograph No.4 Description:

Excavated area around well head.





Photograph No.5 Description:

Excavation area around well head.



Photograph No.6 Description:

Excavation area around well head.



Photograph No.7 Description:

Excavation area in center portion of pad.



Photograph No.8 Description:

Excavation area in center portion of pad.



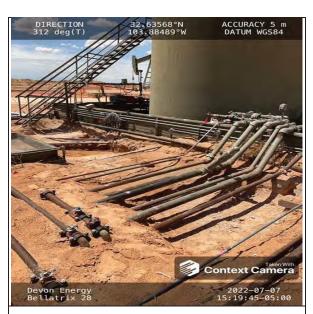


Photograph No.9 Description:

Devon Energy Bellatrix 28

Excavated area on north side of secondary containment.

2022-07-07 15:22:19-05:00



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.



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. Keene

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 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 - 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, SM4500Cl-B	mg,	/kg	Analyze	d 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						

A I J 711

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	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	103 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	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 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.4	% 59.5-14	2						

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Celey D. Keine



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 - 8 2' (H220363-03)

BTEX 8021B	mg	/kg	Analyze	ed 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	ed 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	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	114	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115	% 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
Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY CO NM

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

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	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	12						

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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

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 - 8 4' (H220363-05)

BTEX 8021B	mg	/kg	Analyze	ed 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, SM4500CI-B	mg	/kg	Analyze	ed 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	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	113	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

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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

ma/ka

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

RTFY 8021R

BIEX 8021B	mg,	/кд	Anaiyze	a 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	99.2	% 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	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	02/01/2022	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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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

ma/ka

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a 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	672	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	124	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	125	% 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 - 9 3' (H220363-08)

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	768	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112	% 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 - 9 4' (H220363-09)

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	02/01/2022	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	d 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	02/01/2022	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 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	114 %	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: 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 - 10 0-1' (H220363-10)

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	02/02/2022	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	64.0	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	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	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, SM4500CI-B	mg	/kg	Analyze	Analyzed 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	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	98.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.8	% 59.5-14	2						

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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 - 10 3' (H220363-12)

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	02/02/2022	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		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	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2022	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	2						

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Celey D. Keine

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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 4' (H220363-13)

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	02/02/2022	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	48.0	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	103 %	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
Project Number: 700794.295.01 Sample Received By: 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, SM4500CI-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	% 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 - 11 2' (H220363-15)

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	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	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	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	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.3	% 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 - 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 %	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	320	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	97.7 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.8 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

Analyzed By: MC/

Project Location: DEVON - EDDY CO NM

ma/ka

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	d 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
Project Number: 700794.295.01 Sample Received By: Tamara Oldaker

Analyzed By: MC/

Project Location: DEVON - EDDY CO NM

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	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	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	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	85.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	70.7	% 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: 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	% 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	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	93.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.4	% 59.5-14	2						

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01/28/2022

Soil

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:

ma/ka

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 - 12 3' (H220363-20)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	d 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	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	107	% 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)

107 103 102 103	2.00 2.00 2.00 2.00 6.00	RPD 6.31 6.63 7.82 8.56	Qualifier
103 102	2.00 2.00	6.63 7.82	
102	2.00	7.82	
103	6.00	8.56	
Recovery	True Value QC	RPD	Qualifier
104	400	0.00	
Recovery	True Value QC	RPD	Qualifier
101	200	0.480	
113	200	0.174	
	104 Recovery 101	104 400 Recovery True Value QC 101 200	104 400 0.00 Recovery True Value QC RPD 101 200 0.480

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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 0-1' (H220363-22)

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	02/02/2022	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	d 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	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	99.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.9	% 59.5-14	2						

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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 - 14 2' (H220363-23)

BTEX 8021B	mg/kg		Analyzed 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	Analyzed 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		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	103	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.9	% 59.5-14	12						

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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 - 14 3' (H220363-24)

BTEX 8021B	mg/kg		Analyzed 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		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2022	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 %	6 59.5-14	2						

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Celey D. Keine



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

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Celeg D. Freene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

10.01 000 000 10.01	(0,0) 000 27.0	
Company Name: Talon LPE	BILL TO	ANALYSIS REQUEST
Project Manager: R. Pons	P.O. #:	
Address: 408 W. Texas Ave	Company:	
city: Artesia	State: NM zip: 88210 Attn:	
Phone #: 575.746.8768		
Project #: 700794.295.01	Project Owner: Devon city:	
Project Name: Bellatrix 28 Fed #1		
Project Location: Eddy	*	
sampler Name: Art, James, Matt		
FOR LAB USE ONLY	MATRIX	
Lab I.D. Sample I.D.	G)RAB OR (C)OMP. CONTAINERS GROUNDWATER WASTEWATER GOIL DIL GLUDGE DTHER: CCID/BASE: CCE / COOL DTHER:	BTex CL TDH.
/ S-2 0-0.5'	1 28	3:25
2 S-8 0-1'		(6)
3 S-8 2'	8	2,08
<i>u</i> S-8 3'	90	92:09
5 S-8 4'	<i>a</i>	9.10
6 S-9 0-1'		
7 S-9 2'		74.
8 S-9 3'		47
9 8-9 4'		140
/o S-10 0-1'	T A D	2:51 * 4 4
T-CA-SE (NO IE: LIBRORY and Damages, Cardinal's labbilly and clein analyses. All claims including those for negligence and any other os service. In no event shall Cardinal be liable for incidental or consequal affiliates or successors arising out of or related to the performance of	rig whether based in contract or tort, shall be limited to the amount paid et unless made in writing and received by Cardinal within 30 days after stien, business interruptions, loss of use, or loss of profits incurred by cli- tiles of whether such claim is based upon any of the above stated reas-	by the client for the political in the completion of the applicable part, the political interest of the applicable part of the political interest of
	Received, By:	Phone Result:
Relinquished By:	Date: Received By:	
Delivered By: (Circle One) 5.60) C.O.S. Sample Condition CH	
Sampler - UPS - Bus - Other:	Cool Mitact Pres Pres	
	0,10 H/D NO NO 15.	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE		BILL TO		,	ANALYSIS REQUEST	EST
Project Manager: R. Pons						
Address: 408 W. Texas Ave		Company:				
city: Artesia state: NM	1 zip: 88210	Attn:			_	
Phone #: 575.746.8768 Fax #:		Address:				
Project #: 700794.295.01 Project Owner: Devon	er: Devon	City:				
Fed #		State: Zip:				
Project Location: Eddy		#				
Sampler Name: Art, James, Matt		Fax #:				
FOR LAB USE ONLY		PRESERV. SAMPLING	NG			
Lab I.D. Sample I.D.	(G)RAB OR (C)O # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE/COOL OTHER:	BT _{ex}	CL TPH		
// S-10 2'			2:32			
/Z S-10 3'			2:33			
/3 S-10 4"			7:34			
14 S-11 0-1'			1:17			
/S S-11 2			81:1			
/6 S-11 3'			9			
17 S-11 4'			1:20			
/8 S-12 0-1'			2.45			
19 S-12 2'			2:46	,		
${\cal W}$ $S-12.3^\circ$	r any claim arising whether based in contract	or tort, shall be limited to the amount pa	2:47 V	4		
Darnages. Cardinat's liability and client those for negligence and any other cau linal be liable for incidental or conseque out of or related to the performance of	"s exclusive remedy for any claim arising whether based in contract or not, sha are whatsoever shall be deemed walved unless made in writing and reserved be ental damages, including without fimilation, business interruptions, loses of use, services heresurder by Cardinal regardless of whether such claim is based up,	or tort, shall be limited to the amount pai received by Cardinal within 30 days after case of use, or loss of profits incurred by one of the above stated re-	d by the client for the r campletion of the applicable fient, its subsidiaries, sons or otherwise.			
	Received By:	1 11/2	:: ult:	Yes □ No Yes □ No	Add'l Phone #: Add'l Fax #:	
Relinquished By: Date:	Received By:	Je de la company				
5.65	C-0,56 Sample Condition	on CHECKED BY: (Initials)	7	,		
1/	All Pres Pres	P		./		



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE	m	BILL TO	ANALYSIS REQUEST	ST
Project Manager: R. Pons		P.O. #:		
Address: 408 W. Texas Ave	Ave	Company:		
city: Artesia	State: NM zip: 88210	Attn:		
Phone #: 575.746.8768		Address:		
Project #: 700794.295.01	1 Project Owner: Devon	City:		
Project Name: Bellatrix 28 Fed #1	3 Fed #1	State: Zip:		
Project Location: Eddy		#		
Sampler Name: Art, James,	s, Matt	Fax#:		
FOR LAB USE ONLY		PRESERV. SAMPLING		
Lab I.D. San		ER: D/BASE:	DH.	
H220363	# CO GRO WAS SOIL OIL	OTHE DATE		
-		34/1		
		3;36		
8 S-14 2		3:40		
24 S-14 3'	*	3:45	4	
PLEASE NOTE: Liability and Damaneas Coadona's in				
analyses. All claims including those for negligence an lervice. In no event shall Cardinal be liable for incider stillates or successors arising out of or related to the s	ing w	A. C. Aux, assist or amount of the amount para by the client for the and received by Cardinal within 30 days after completion of the applicable is, loss of use, or loss of profits incurred by client, its subsidiaries, in its based upon arry of the above stated reasons or otherwise.		
Relinquished By:	Time: 400 Received By:	Phone Result:	Yes □ No Add'l Phone #: Yes □ No Add'l Fax #:	
Relinquished By:	Date: Received By:	The same of the		
Delivered By: (Circle One)	8.60 > 0-0-50	tion CHECKED BY:		
Sampler - UPS - Bus - Other:	SIE #113 Pres Pres	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. Keine

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 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	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	% 59.5-14	2						

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Celeg & Kreene



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 9	69.9-14	0						
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 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	179 9	% 59.5-14	2						

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Celley D. Keine



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 - 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 %	6 59.5-14	2						

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Celeg D. Kreene



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 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	144 %	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: 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 4' (H220565-05)

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	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/	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 %	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

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	% 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	274	% 59.5-14	2						

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Celeg & Kreene



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

ma/ka

Sampling Date: 02/09/2022 Sampling Type: Soil

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

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

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*	0.199	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 9	% 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	704	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*	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	26						
Surrogate: 1-Chlorooctadecane	164	% 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 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 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	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	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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Celley 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 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	Analyze	d 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	% 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 Sample Received By: Project Number: 700794.295.01 Tamara Oldaker

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

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	Analyzed 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 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	203 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

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)

BTEX 8021B	mg/kg		Analyzed 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	Analyzed 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 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	147 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

ma/ka

Sampling Date: 02/09/2022

Sampling Type: Soil

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

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

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	02/16/2022	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	% 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

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

Project Location: DEVON - EDDY CO NM

ma/ka

Sampling Date: 02/09/2022

Sampling Type: Soil

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

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

DTEV 0021D

g Limit Analyzed	Mathead Diami					
	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
02/16/2022	ND	1.86	93.0	2.00	7.75	
02/16/2022	ND	1.87	93.4	2.00	8.72	
02/16/2022	ND	1.90	95.2	2.00	8.74	
02/16/2022	ND	5.92	98.7	6.00	8.20	
00 02/16/2022	ND					
69.9-140						
Analyzed I	By: AC					
g Limit Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
0 02/15/2022	ND	432	108	400	0.00	
Analyzed I	By: MS					
g Limit Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
0 02/15/2022	ND	198	99.1	200	5.02	
0 02/15/2022	ND	208	104	200	15.2	
0 02/15/2022	ND					
66.9-136						
	19 Limit Analyzed 20 02/15/2022 Analyzed E 20 19 Limit Analyzed 20 02/15/2022 20 02/15/2022	.0 02/15/2022 ND Analyzed By: MS Ig Limit Analyzed Method Blank .0 02/15/2022 ND .0 02/15/2022 ND	Ig Limit Analyzed Method Blank BS .0 02/15/2022 ND 432 Analyzed By: MS Ig Limit Analyzed Method Blank BS .0 02/15/2022 ND 198 .0 02/15/2022 ND 208	Ig Limit Analyzed Method Blank BS % Recovery .0 02/15/2022 ND 432 108 Analyzed By: MS Ig Limit Analyzed Method Blank BS % Recovery .0 02/15/2022 ND 198 99.1 .0 02/15/2022 ND 208 104	Ig Limit Analyzed Method Blank BS % Recovery True Value QC .0 02/15/2022 ND 432 108 400 Analyzed By: MS Ig Limit Analyzed Method Blank BS % Recovery True Value QC .0 02/15/2022 ND 198 99.1 2000 02/15/2022 ND 208 104 200	Ig Limit Analyzed Method Blank BS % Recovery True Value QC RPD .0 02/15/2022 ND 432 108 400 0.00 Analyzed By: MS Ig Limit Analyzed Method Blank BS % Recovery True Value QC RPD .0 02/15/2022 ND 198 99.1 200 5.02 .0 02/15/2022 ND 208 104 200 15.2

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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 - 5 4' (H220565-14)

Analyte Result Peopting Limit Analyzed Analyzed Peopting Limit Method Blank Bs % Recovery RPD True Value QC RPD 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 5.92 98.7 6.00 8.20 Surrogate: 4-Bromofiluorobenzene (PIE 105 % 69.9-140 Chloride, SM4500Cl-B mg/ts Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 32.0 16.0 02/15/2022 ND 432 108 400	BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Toluene* <0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* <0.050 0.050 02/16/2022 ND 1.90 95.2 2.00 8.74 Total Xylenes* <0.150	Benzene*	<0.050	0.050	02/16/2022	ND	1.86	93.0	2.00	7.75	
Total Xylenes* <0.150 0.150 02/16/2022 ND 5.92 98.7 6.00 8.20 Total BTEX <0.300	Toluene*	<0.050	0.050	02/16/2022	ND	1.87	93.4	2.00	8.72	
Total BTEX <0.300 0.300 02/16/2022 ND Surrogate: 4-Bromofluorobenzene (PIE 105 % 69.9-140 Chloride, SM4500CI-B mg/ky Analyzed By: AC Analyte Result Reporting Limit Analyzed Analyzed By: MS Method Blank BS % Recovery True Value QC RPD Chloride 32.0 16.0 02/15/2022 ND 432 108 400 0.00 TPH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 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 66.9-136 66.9-136 46.9-136 46.9-136 46.9-136 46.9-136 47.0 47.0 47.0 47.0 <t< td=""><td>Ethylbenzene*</td><td><0.050</td><td>0.050</td><td>02/16/2022</td><td>ND</td><td>1.90</td><td>95.2</td><td>2.00</td><td>8.74</td><td></td></t<>	Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.90	95.2	2.00	8.74	
Surrogate: 4-Bromofluorobenzene (PIE 105 ★ 69.9-140 Chloride, SM4500Cl-B mg/ky Analyzed by: AC Method Blank BS % Recovery True Value QC RPD Chloride 32.0 16.0 02/15/2022 ND 432 108 400 0.00 TPH 8015M mg/ky Analyzed by: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Total Xylenes*	<0.150	0.150	02/16/2022	ND	5.92	98.7	6.00	8.20	
Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Result Reporting Limit Analyzed Nethod Blank BS Recovery Method Blank BS Recovery Method Blank PS No Recovery True Value QC RPD No	Total BTEX	<0.300	0.300	02/16/2022	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 32.0 16.0 02/15/2022 ND 432 108 400 0.00 TPH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Analyzed By: MS 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 % 66.9-136	Surrogate: 4-Bromofluorobenzene (PIL	105	% 69.9-14	10						
Chloride 32.0 16.0 02/15/2022 ND 432 108 400 0.00 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 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% 66.9-136	Chloride	32.0	16.0	02/15/2022	ND	432	108	400	0.00	
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% 66.9-136	TPH 8015M	mg,	/kg	Analyze	ed By: MS					
DRO >C10-C28* 41.0 10.0 02/15/2022 ND 208 104 200 15.2 EXT DRO >C28-C36 <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 02/15/2022 ND Surrogate: 1-Chlorooctane 106% 66.9-136	GRO C6-C10*	<10.0	10.0	02/15/2022	ND	198	99.1	200	5.02	
Surrogate: 1-Chlorooctane 106 % 66.9-136	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-Chlorooctadecane 108 % 59.5-142	Surrogate: 1-Chlorooctane	106	% 66.9-13	6						
	Surrogate: 1-Chlorooctadecane	108	% 59.5-14	12						

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

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

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

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

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, SM4500Cl-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	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 %	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 - 6 2' (H220565-16)

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 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 Xylenes** <0.300 0.300 02/16/2022 ND 5.92 98.7 6.00 8.20 *** *** Total Xylenes** *** *** *** *** *** *** *** *** *** **	BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Toluene* <0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* <0.050 0.050 02/16/2022 ND 1.90 95.2 2.00 8.74 Total Xylenes* <0.150	Benzene*	<0.050	0.050	02/16/2022	ND	1.86	93.0	2.00	7.75	
Total Xylenes* <0.150 0.150 02/16/2022 ND 5.92 98.7 6.00 8.20 Total BTEX <0.300	Toluene*	<0.050	0.050	02/16/2022	ND	1.87	93.4	2.00	8.72	
Total BTEX <0.300 0.300 02/16/2022 ND Surrogate: 4-Bromofluorobenzene (PIE Dimit Pierring Limit Pierring Pierring Pierring Limit Pierring Pierrin	Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.90	95.2	2.00	8.74	
Surrogate: 4-Bromofluorobenzene (PIE) 104 ⅓ 69.9-140 Chloride, SM4500Cl-B mg/kg Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 32.0 16.0 02/15/2022 ND 432 108 400 0.00 TPH 8015M mg/kg Analyzed Method Blank BS % Recovery True Value QC RPD 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 208 104 200 15.2 Surrogate: 1-Chlorooctane 113 % 66.9-136 46.9-136 40.9-136 40.9 432 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	Total Xylenes*	<0.150	0.150	02/16/2022	ND	5.92	98.7	6.00	8.20	
Chloride, SM4500Cl-B mg/kg Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 32.0 16.0 02/15/2022 ND 432 108 400 0.00 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Total BTEX	<0.300	0.300	02/16/2022	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 32.0 16.0 02/15/2022 ND 432 108 400 0.00 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 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 % 66.9-136	Surrogate: 4-Bromofluorobenzene (PIL	104	% 69.9-14	0						
Chloride 32.0 16.0 02/15/2022 ND 432 108 400 0.00 TPH 8015M mg/s Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <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	Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
TPH 8015M mg/s Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 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 % 66.9-136	Chloride	32.0	16.0	02/15/2022	ND	432	108	400	0.00	
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 % 66.9-136	TPH 8015M	mg,	/kg	Analyze	d By: MS					
DRO >C10-C28* 11.5 10.0 02/15/2022 ND 208 104 200 15.2 EXT DRO >C28-C36 <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 02/15/2022 ND Surrogate: 1-Chlorooctane 113 % 66.9-136	GRO C6-C10*	<10.0	10.0	02/15/2022	ND	198	99.1	200	5.02	
Surrogate: 1-Chlorooctane 113 % 66.9-136	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-Chlorooctadecane 114 % 59.5-142	Surrogate: 1-Chlorooctane	113	% 66.9-13	6						
	Surrogate: 1-Chlorooctadecane	114	% 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 - 6 3' (H220565-17)

TEX 8021B	9/	/kg	Allalyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
enzene*	<0.050	0.050	02/15/2022	ND	1.81	90.4	2.00	12.2	
oluene*	<0.050	0.050	02/15/2022	ND	1.81	90.6	2.00	10.4	
hylbenzene*	<0.050	0.050	02/15/2022	ND	1.76	87.8	2.00	9.82	
otal Xylenes*	<0.150	0.150	02/15/2022	ND	5.49	91.5	6.00	9.49	
otal BTEX	<0.300	0.300	02/15/2022	ND					
urrogate: 4-Bromofluorobenzene (PI	C 103	% 69.9-14	0						
nloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
hloride	32.0	16.0	02/15/2022	ND	416	104	400	3.77	
PH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
RO C6-C10*	<10.0	10.0	02/15/2022	ND	198	99.1	200	5.02	
RO >C10-C28*	<10.0	10.0	02/15/2022	ND	208	104	200	15.2	
(T DRO >C28-C36	<10.0	10.0	02/15/2022	ND					
ırrogate: 1-Chlorooctane	112	% 66.9-13	6						
urrogate: 1-Chlorooctadecane	113	% 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 - 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		Analyzed 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	Analyze	d 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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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

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 - 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 9	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						

*=Accredited Analyte Cardinal Laboratories

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Celeg D. Kreene



Analytical Results For:

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

(3.3)

 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 - 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	10						
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	12						

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Celeg & Kreene



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 5	% 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	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 9	% 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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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 Lab I.D. Relinquished By: ervice. In no event shall Cardinal be liable Sampler - UPS - Bus - Other: Delivered By: (Circle One) Artesia MOSTHUM GENEZ S-2 0-1' S-2 2' S-2 3' S-2 4' (575) 393-2326 FAX (575) 393-2476 101 East Marland, Hobbs, NM 88240 S-1 0-1'R S-3 S-3 0-1 S-3 2 4 S-4 0-0.5' R Sample I.D Project Owner: DeVON Fax #: Time 205 State: NM Date: Time: zip: 88210 (G)RAB OR (C)OMP Received By: Received By: # CONTAINERS GROUNDWATER WASTEWATER Cool Intact
Pes
No No 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 DATE SAMPLING 4:43 84:48 Phone Result: Fax Result: REMARKS: 15:4 4:54 10:03 10:06 10:00 TIME 10:04 on of the ap chloride Email results □ Yes TPH jeanes@tolonlpe.com BTEX O No ANALYSIS Add'l Phone i mgomez@todontpe.com REQUEST and



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (5/5) 393-24/6	BILL TO ANALYSIS	IS REQUEST
Company Name: Talon LPE	PO #:	
Project Manager: R. Pons		
Address: 408 W. Texas Ave		
city: Artesia state: NM zip: 88210		
#: 575.746.8768	Address:	
Project #: 700794.295.01 Project Owner: Devon	City:	
Fed #	State: Zip:	
Project Location: Eddy County, NM	Phone #:	
sampler Name: J. Carnes, M. Gomez	Fax #:	
MP.	MATRIX PRESERVE SAME LINE	
G)RAB OR (C)OM CONTAINERS GROUNDWATER	WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE/COOL OTHER: DATE TIME Chloride TPH BTEX:	
- 1	72/6/2 X X	
	10:21	
8-5	10:27	
4 6-0 4	10:40	
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	C. 33	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive emandy for any client arrang w analyses. All clients including those for negligence and any other cause whatboover shall be deemed waived ur analyses. All clients including those for negligence and any other cause whatboover shall be deemed waived ur analyses. All clients including those for negligence and any other cause whatboover shall be deemed without illustration.	pplicable	
eformance of	ed By: Yes No Add'l Phone #: Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #: Fax Result: Yes No Add'l Fax #: REMARKS:	one #: x #:
Delivered By: (Circle One) 6.4° \ P-0.5° Sampler - UPS - Bus - Other: \ 9° #1/3	Sample Condition CHECKED BY: Cool Intact (Initials) Tes Tes Tos No	
1 5.10		

Page 26 of 27



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		- 1
Project Manager: R. Pons	P.O. #:	
s Ave		
	State: NM Zip: 88210 Attn:	
46.8768	#: Address:	
7	Project Owner: DeVOn City:	
Fed #	State: Zip:	
Project Location: Eddy County, NM	Phone #:	
Carnes M. Gomez	Fax #:	
Sampler Name: J. Callies, IVI. Collic	MATRIX	ING
Lab I.D. Sample I.D.	L SUDGE THER: CID/BASE: E/COOL THER:	Chloride TPH BTEX
H330565	# (C O O O	7 / min
्रिया BG-3 0'	×	X X X 94:21
33 BG-4 0'		-
The same water i jubility and Damages, Cardinal's liability and client's axid	Ausive remedy for any claim arising whether based in contract or bot, shall be limited to the amoun	amount paid by the client for the 10 days after completion of the applicable
analyses. All claims including those for regisjence and any ourse consequential of service. In no event shall Cardinal be liable for incidental or consequential or	analyses. All claims including those for negligence and any own removes analyses. All claims including those for negligence and any own removes a service. In no event shall Cardinal be liable for incidental or consequented damage, including without limitation, business interruptions, loss of use, or loss of profits incurred by clerk, as successful, and event shall Cardinal be liable for incidental or consequented damage, including without limitation, business interruptions, loss of use, or loss of profits incurred by clerk, as successful and as a successful and	- No
Relinquished By: Not! how beared Time. Relinquished By: Time. Relinquished By: Time. Relinquished By:	Date: Received By: SHA-33 Received By: Date: Received By: Received By:	Phone Result:
Delivered By: (Circle One) 6.4° Sampler - UPS - Bus - Other:	9c #1/3 Sample Condition CHECKED BY: Cool Intact (Initials) No No No	Page 3 of 3
Diagnos fay written changes to (575) 393-2326		

Page 27 of 27



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. Keene

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 Reported: 02/22/2022

Project Name: BELLATRIX 28 FED 1
Project Number: 700794.295.01
Project Location: DEVON - EDDY CO NM

Sampling Date: 02/14/2022

Sampling Type: Soil

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

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	% 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	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108	% 59.5-14	2						

A I D. .. 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: 02/16/2022 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: W - COMP (H220605-02)

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	105	% 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	336	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	02/18/2022	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. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:Talon LPE		BILL TO	ANALYSIS REQUEST
Project Manager: R. 1905		P.O. #:	
V		Company:	
city: Artesia state: NM	zip: 88210	Attn:	
#: 575.746.8768 F		Address:	
Project #: 780 794, 245.01 Project Owner:	er: Deuga	City:	
Project Name: Bellatin'x 28 Fel #		State: Zip:	
M		#:	
Sampler Name: M. GONCE, J. CAMES		Fax #:	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	io .
Lab I.D. Sample I.D.	(G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Maloride TPH BTEX
dwo) - 3	- *	×	10:15
2 w- lomp	X	x/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	10:20
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10 Q	Received By:		lt: ☐ Yes ☐ No Ado
Relinquished By: Time:	Received By:	Mahahal	nail results the
Sampler - UPS - Bus - Other: 7,8° #	Sample Condition Cool Intact Pes Pres	tion CHECKED BY: (Initials)	





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

Received by OCD: 10/18/2022 7:09:58 AM

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

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

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Definitions/Glossary

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

Qualifiers

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G	L.	v	U	А

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

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

sample

Glossary

RL

Abbreviation	These commonly used abbreviations may or may not be present in this report.
п	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
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

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

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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: 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 Fa
Benzene	<0.000386	U F1 F2	0.00200	0.000386	mg/Kg		07/01/22 12:23	07/02/22 10:25	
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)	110		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	1
Method: Total BTEX - Total BT	ΓEX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg			07/05/22 16:02	
	•		DI.	MDI	I I m i 4	Б	Drawarad	Amalumad	Dil Fa
Method: 8015 NM - Diesel Ran Analyte Total TPH	•	Qualifier	RL 49.9		Unit mg/Kg	<u>D</u>	Prepared	Analyzed 07/05/22 11:42	Dil Fac
Analyte Total TPH	Result 19.9	Qualifier J				<u>D</u>	Prepared		Dil Fac
Analyte Total TPH	Result 19.9 ange Organics (D	Qualifier J		15.0		<u>D</u>	Prepared	07/05/22 11:42	
Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte	Result 19.9 ange Organics (D	Qualifier J RO) (GC) Qualifier	49.9	15.0	mg/Kg				Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics	Result 19.9 ange Organics (D	Qualifier J RO) (GC) Qualifier	49.9	15.0 MDL	mg/Kg		Prepared	07/05/22 11:42 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 19.9 ange Organics (D	Qualifier J RO) (GC) Qualifier U *1	49.9	15.0 MDL 15.0	mg/Kg		Prepared	07/05/22 11:42 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 19.9	Qualifier J RO) (GC) Qualifier U *1	49.9 RL 49.9 49.9	15.0 MDL 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 07/03/22 23:06 07/03/22 23:06	Dil Fac
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	ange Organics (D Result <15.0	Qualifier J RO) (GC) Qualifier U *1	49.9 RL 49.9	15.0 MDL 15.0	mg/Kg Unit mg/Kg		Prepared 07/01/22 11:24	07/05/22 11:42 Analyzed 07/03/22 23:06	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 19.9	Qualifier J RO) (GC) Qualifier U *1	49.9 RL 49.9 49.9	15.0 MDL 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 07/03/22 23:06 07/03/22 23:06	Dil Fac
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 19.9	Qualifier J RO) (GC) Qualifier U*1 U JB	49.9 RL 49.9 49.9	15.0 MDL 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 07/03/22 23:06 07/03/22 23:06	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)	Result 19.9	Qualifier J RO) (GC) Qualifier U*1 U JB	49.9 RL 49.9 49.9 49.9	15.0 MDL 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 07/03/22 23:06 07/03/22 23:06 07/03/22 23:06	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 19.9	Qualifier J RO) (GC) Qualifier U*1 U JB	49.9 RL 49.9 49.9 49.9 Limits	15.0 MDL 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	07/05/22 11:42 Analyzed 07/03/22 23:06 07/03/22 23:06 07/03/22 23:06 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 19.9	Qualifier J RO) (GC) Qualifier U *1 U J B Qualifier	49.9 RL 49.9 49.9 49.9 Limits 70 - 130	15.0 MDL 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 07/03/22 23:06 07/03/22 23:06 Analyzed 07/03/22 23:06	Dil Fac
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 19.9	Qualifier J RO) (GC) Qualifier U *1 U J B Qualifier	49.9 RL 49.9 49.9 49.9 Limits 70 - 130	15.0 MDL 15.0 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 07/03/22 23:06 07/03/22 23:06 Analyzed 07/03/22 23:06	Dil Fac

Client Sample ID: S-4A

Date Collected: 06/30/22 11:44

Lab Sample ID: 880-16516-2

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

Eurofins Midland

Released to Imaging: 10/26/2022 1:35:35 PM

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

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
Total BTEX	0.00209	J	0.00402	0.00101	mg/Kg			07/05/22 16:02	1
Method: 8015 NM - Diesel Rang	je 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
Method: 8015B NM - Diesel Rai	nge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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
1-Chlorooctane	89		70 - 130				07/01/22 11:24	07/04/22 00:09	1
o-Terphenyl	94		70 - 130				07/01/22 11:24	07/04/22 00:09	1
Method: 300.0 - Anions, Ion Ch	romatography -	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	

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

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)			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
Method: Total BTEX - Total B	TEX 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 Rai	nge Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	43.1	J	49.9	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel R	ange Organics (D	RO) (GC)							
Method: 8015B NM - Diesel R Analyte	• • •	RO) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

SDG: Eddy Co NM

Client Sample ID: S-6A

Client: Talon/LPE

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

Project/Site: Bellatrix 28 Fed 01H

Lab Sample ID: 880-16516-3

Matrix: Solid

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
-	Chromatography -	Soluble							
Method: 300.0 - Anions, Ion C	momatography -								
Method: 300.0 - Anions, Ion C Analyte	0 . ,	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

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

Date Collected: 06/30/22 11:38

Date Received: 07/01/22 08:12

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	
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 BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	0.00884			0.00400				07/05/00 40 00	1
Total BTEX	0.00004		0.00398	0.00100	mg/Kg			07/05/22 16:02	'
Total BTEX : Method: 8015 NM - Diesel Ran		O) (GC)	0.00398	0.00100	mg/Kg			07/05/22 16:02	'
• ***	ge Organics (DR	O) (GC) Qualifier	0.00398 RL	0.00100 MDL	0 0	D	Prepared	07/05/22 16:02 Analyzed	
Method: 8015 NM - Diesel Ran	ge Organics (DR	Qualifier		MDL	0 0	<u>D</u>	Prepared		Dil Fac
Method: 8015 NM - Diesel Rang Analyte	ge Organics (DR/ Result 44.5	Qualifier J	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: 8015 NM - Diesel Rang Analyte Total TPH	ge Organics (DR) Result 44.5 nge Organics (DI)	Qualifier J	RL	MDL 14.9	Unit	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Ra	ge Organics (DR) Result 44.5 nge Organics (DI)	Qualifier J RO) (GC) Qualifier	RL 49.8	MDL 14.9	Unit mg/Kg	=	<u> </u>	Analyzed 07/05/22 11:42	Dil Fac
Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics	ge Organics (DR Result 44.5 nge Organics (DI Result	Qualifier J RO) (GC) Qualifier U*1	RL	MDL 14.9	Unit mg/Kg	=	Prepared	Analyzed 07/05/22 11:42 Analyzed	Dil Fac
Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ge Organics (DR/Result 44.5) nge Organics (DR/Result < 14.9)	Qualifier J RO) (GC) Qualifier U*1 J	RL 49.8	MDL 14.9 MDL 14.9	Unit mg/Kg Unit mg/Kg	=	Prepared 07/01/22 11:24	Analyzed 07/05/22 11:42 Analyzed 07/04/22 00:49	Dil Fac
Method: 8015 NM - Diesel Rang 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	ge Organics (DR/Result 44.5 nge Organics (DR/Result < 14.9	Qualifier J RO) (GC) Qualifier U*1 J JB	RL 49.8 RL 49.8	MDL 14.9 MDL 14.9	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 00:49 07/04/22 00:49	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) Oll Range Organics (Over C28-C36)	ge Organics (DR/Result 44.5 nge Organics (DR/Result <14.9 22.6	Qualifier J RO) (GC) Qualifier U*1 J JB	RL 49.8 RL 49.8 49.8 49.8	MDL 14.9 MDL 14.9	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 00:49 07/04/22 00:49 07/04/22 00:49	Dil Fac Dil Fac 1 Dil Fac 1 1 Dil Fac 1

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

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

Method: 300.0 - Anions, Ion Chrom	atography - S	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 Fa
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/01/22 12:23	07/02/22 11:47	
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		07/01/22 12:23	07/02/22 11:47	
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		07/01/22 12:23	07/02/22 11:47	
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:23	07/02/22 11:47	
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		07/01/22 12:23	07/02/22 11:47	
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:23	07/02/22 11:47	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	114		70 - 130				07/01/22 12:23	07/02/22 11:47	
1,4-Difluorobenzene (Surr)	96		70 - 130				07/01/22 12:23	07/02/22 11:47	
Method: Total BTEX - Total B	TEX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			07/05/22 16:02	
Analyte Total TPH	Result 46.8	Qualifier	RL 50.0	MDL 15.0	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 07/05/22 11:42	Dil Fa
Total TPH	46.8	J	50.0	15.0	mg/Kg			07/05/22 11:42	
Method: 8015B NM - Diesel R	ange Organics (D	RO) (GC)							
Method: 8015B NM - Diesel Ra Analyte	• • •	RO) (GC) Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fa
Analyte Gasoline Range Organics	Result		RL 50.0		Unit mg/Kg	D	Prepared 07/01/22 11:24	Analyzed 07/04/22 01:09	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier J *1		15.0		<u>D</u>			
	Result 25.0	Qualifier J*1	50.0	15.0 15.0	mg/Kg	<u>D</u>	07/01/22 11:24	07/04/22 01:09	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	25.0 <15.0	Qualifier J*1 U J B	50.0	15.0 15.0	mg/Kg	<u>D</u>	07/01/22 11:24	07/04/22 01:09	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	25.0 <15.0 <21.8	Qualifier J*1 U J B	50.0 50.0 50.0	15.0 15.0	mg/Kg	<u>D</u>	07/01/22 11:24 07/01/22 11:24 07/01/22 11:24	07/04/22 01:09 07/04/22 01:09 07/04/22 01:09	

 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

RL

MDL Unit

Prepared

Analyzed

Result Qualifier

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

Analyte

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

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Dil Fac

Matrix: Solid

Client: Talon/LPE 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 BTE	X 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 Rang	e Organics (DR	O) (GC)							
Analyte	,	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 Ran	nge Organics (D	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	19.0	J *1	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 01:30	
	10.0								
(GRO)-C6-C10	10.0								
(GRO)-C6-C10 Diesel Range Organics (Over	<15.0		49.9		mg/Kg		07/01/22 11:24	07/04/22 01:30	
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0					
		U		15.0	mg/Kg mg/Kg		07/01/22 11:24 07/01/22 11:24	07/04/22 01:30 07/04/22 01:30	
Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)	<15.0 21.2	U JB	49.9 49.9	15.0			07/01/22 11:24	07/04/22 01:30	
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<15.0 21.2 %Recovery	U	49.9 49.9 <i>Limits</i>	15.0			07/01/22 11:24 Prepared	07/04/22 01:30 Analyzed	Dil Fa
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<15.0 21.2	U JB	49.9 49.9	15.0			07/01/22 11:24	07/04/22 01:30	
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<15.0 21.2 %Recovery 86 93	U J B Qualifier	49.9 49.9 Limits 70 - 130	15.0			07/01/22 11:24 Prepared 07/01/22 11:24	07/04/22 01:30 Analyzed 07/04/22 01:30	Dil Fa
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	<15.0 21.2 **Recovery 86 93 romatography -	U J B Qualifier	49.9 49.9 Limits 70 - 130	15.0	mg/Kg	D	07/01/22 11:24 Prepared 07/01/22 11:24	07/04/22 01:30 Analyzed 07/04/22 01:30	Dil Fa

4.96 0.851 mg/Kg Chloride 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 BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101		0.00399	0.00101	mg/Kg			07/05/22 16:02	

Eurofins Midland

07/02/22 21:48

Client: Talon/LPE

Job ID: 880-16516-1

SDG: Eddy Co NM

Client Sample ID: S-13A

Project/Site: Bellatrix 28 Fed 01H

Lab Sample ID: 880-16516-7

Matrix: Solid

Date Collected: 06/30/22 11:20 Date Received: 07/01/22 08:12

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 Ra	ange Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	16.2	J *1	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 01:49	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 01:49	1
C10-C28)									
Oll Range Organics (Over	21.2	JB	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 01:49	1
C28-C36)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				07/01/22 11:24	07/04/22 01:49	1
o-Terphenyl	93		70 - 130				07/01/22 11:24	07/04/22 01:49	1
Method: 300.0 - Anions, Ion C	hromatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.0		4.98	0.855	mg/Kg			07/02/22 21:57	1

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

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 12:49	1
Toluene	< 0.000457	U	0.00200	0.000457	mg/Kg		07/01/22 12:23	07/02/22 12:49	1
Ethylbenzene	< 0.000566	U	0.00200	0.000566	mg/Kg		07/01/22 12:23	07/02/22 12:49	1
m-Xylene & p-Xylene	<0.00101	U	0.00401	0.00101	mg/Kg		07/01/22 12:23	07/02/22 12:49	1
o-Xylene	< 0.000345	U	0.00200	0.000345	mg/Kg		07/01/22 12:23	07/02/22 12:49	1
Xylenes, Total	<0.00101	U	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
1-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
Method: Total BTEX - Total BTE	Result	Qualifier	RL		Unit	<u>D</u>	Prepared	Analyzed	
Analyte ^{Total} BTEX Method: 8015 NM - Diesel Ran ç	Result <0.00101	U (GC)	0.00401	0.00101	mg/Kg			07/05/22 16:02	Dil Fac
Analyte Fotal BTEX	Result <0.00101	U			mg/Kg	<u>D</u>	Prepared Prepared		Dil Fac
Analyte ^{Total} BTEX Method: 8015 NM - Diesel Ran ç Analyte	ge Organics (DR Result 52.2 nge Organics (D	O) (GC) Qualifier	0.00401	0.00101 MDL	mg/Kg Unit mg/Kg			07/05/22 16:02 Analyzed	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	ge Organics (DR Result 52.2 nge Organics (D	O) (GC) Qualifier RO) (GC) Qualifier	0.00401 RL 50.0	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	
Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics GRO)-C6-C10	Result <0.00101 ge Organics (DR Result 52.2 nge Organics (D Result <15.0	O) (GC) Qualifier RO) (GC) Qualifier U *1	0.00401 RL 50.0 RL 50.0	0.00101 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 07/01/22 11:24	07/05/22 16:02 Analyzed 07/05/22 11:42 Analyzed 07/04/22 02:10	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	ge Organics (DR Result 52.2 nge Organics (D Result Result Factor of Result Result Result Result Result Result	U O) (GC) Qualifier RO) (GC) Qualifier U*1	0.00401 RL 50.0	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

SDG: Eddy Co NM

Client Sample ID: S-14A

Project/Site: Bellatrix 28 Fed 01H

Client: Talon/LPE

Lab Sample ID: 880-16516-8

Matrix: Solid

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

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 Chron	natography - 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

Date Collected: 06/30/22 11:13 Matrix: Solid

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	ge Organics (DR	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							
	0 , ,								
Analyte	0 , ,	Qualifier	RL 4.98	MDL 0.855	Unit mg/Kg	D	Prepared	Analyzed 07/02/22 22:15	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
Date Received: 07/01/22 08:12

Matrix: Solid

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 B	ΓEX 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 Rar Analyte Total TPH	•	Qualifier	RL 49.9	MDL 15.0		<u>D</u>	Prepared	Analyzed 07/05/22 11:42	Dil Fac
-	40.4	3	10.0	10.0	mg/rtg			07700722 11.12	
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	27.3	J *1	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 02:50	1
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	1
OII Range Organics (Over C28-C36)	21.1	JB	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 02:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				07/01/22 11:24	07/04/22 02:50	1
o-Terphenyl -	104		70 - 130				07/01/22 11:24	07/04/22 02:50	1
Method: 300.0 - Anions, Ion C	0 , ,								
A L .4 -	D 14	Qualifier	DI.	MDI	Unit	D	Duamanad	Analymad	Dil Fac
Analyte	Result	Qualifier	4.99	0.857	mg/Kg		Prepared	Analyzed 07/02/22 22:24	1

Client Sample ID: S-17A

Date Collected: 06/30/22 11:08

Lab Sample ID: 880-16516-11

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	
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	

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

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

Client Sample ID: S-18A

Date Collected: 06/30/22 11:03

Lab Sample ID: 880-16516-12

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
1,4-Difluorobenzene (Surr)	98		70 - 130				07/01/22 12:23	07/02/22 15:13	1
Method: Total BTEX - Total B7	TEX Calculation								
Method: Total BTEX - Total BT		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
			RL 0.00402	MDL 0.00102		<u>D</u>	Prepared	Analyzed 07/05/22 16:02	Dil Fac
Analyte Total BTEX	Result <0.00102	U				<u>D</u>	Prepared		Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Rar	Result <0.00102 nge Organics (DR)	U		0.00102		D_	Prepared Prepared		Dil Fac Dil Fac
Analyte	Result <0.00102 nge Organics (DR)	O) (GC) Qualifier	0.00402	0.00102	mg/Kg			07/05/22 16:02	1
Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH	Result <0.00102 nge Organics (DR Result 19.3	O) (GC) Qualifier J	0.00402	0.00102 MDL	mg/Kg			07/05/22 16:02 Analyzed	1
Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte	nge Organics (DR Result 19.3 ange Organics (D	O) (GC) Qualifier J	0.00402	0.00102 MDL 15.0	mg/Kg			07/05/22 16:02 Analyzed	1

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

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
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	Chromatography -	Soluble							
mourour cools / milone, ion s									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

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

Date Collected: 06/30/22 13:08 **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	
Toluene	< 0.000461	U	0.00202	0.000461	mg/Kg		07/01/22 12:23	07/02/22 15:33	
Ethylbenzene	< 0.000571	U	0.00202	0.000571	mg/Kg		07/01/22 12:23	07/02/22 15:33	
m-Xylene & p-Xylene	<0.00102	U	0.00404	0.00102	mg/Kg		07/01/22 12:23	07/02/22 15:33	
o-Xylene	< 0.000347	U	0.00202	0.000347	mg/Kg		07/01/22 12:23	07/02/22 15:33	
Xylenes, Total	<0.00102	U	0.00404	0.00102	mg/Kg		07/01/22 12:23	07/02/22 15:33	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	110		70 - 130				07/01/22 12:23	07/02/22 15:33	
1,4-Difluorobenzene (Surr)	97		70 - 130				07/01/22 12:23	07/02/22 15:33	1
Method: Total BTEX - Total BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
T D.T.C.V	<0.00102		0.00404	0.00400	no a /1/ a			07/05/00 40 00	
Total BTEX	<0.00102	U	0.00404	0.00102	mg/Kg			07/05/22 16:02	
iotal BTEX : Method: 8015 NM - Diesel Ran			0.00404	0.00102	mg/Kg			07/05/22 16:02	1
- -	ge Organics (DR		0.00404 RL		Unit Unit	<u>D</u>	Prepared	07/05/22 16:02 Analyzed	
: Method: 8015 NM - Diesel Ran	ge Organics (DR	O) (GC) Qualifier			0 0	<u>D</u>	Prepared		Dil Fac
Method: 8015 NM - Diesel Ran Analyte	ge Organics (DR Result 46.8	O) (GC) Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: 8015 NM - Diesel Ran Analyte Total TPH	ge Organics (DR Result 46.8	O) (GC) Qualifier	RL	MDL 15.0	Unit	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ra	ge 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 Ran Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ge Organics (DR Result 46.8 ange Organics (D) Result	O) (GC) Qualifier J RO) (GC) Qualifier J *1		MDL 15.0 MDL	Unit mg/Kg Unit mg/Kg		Prepared	Analyzed 07/05/22 11:42 Analyzed	Dil Fac
Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10	ge Organics (DR Result 46.8 ange Organics (D Result 26.6	O) (GC) 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
Method: 8015 NM - Diesel Ran 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	ge Organics (DR Result 46.8 ange Organics (D Result 26.6 <15.0	O) (GC) Qualifier J RO) (GC) Qualifier J*1 U JB	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
Method: 8015 NM - Diesel Ran 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)	rige Organics (DR Result 46.8 range Organics (D Result 26.6 <15.0 20.2	O) (GC) Qualifier J RO) (GC) Qualifier J*1 U JB	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

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

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

Date Collected: 06/30/22 13:08 Matrix: Solid 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
	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 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	nge Organics (DR	O) (GC)							
			RL		Unit				

Method: 8015 NM - Diesel Range Or	ganics (DR	O) (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
Mothod: 9045P NM Discol Bangs (Organica (DI	BO) (CC)							

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 Chromatography - 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

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

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 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

	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
<0.00100	U	0.00398	0.00100	mg/Kg		07/01/22 12:23	07/02/22 16:14	
<0.000342	U	0.00199	0.000342	mg/Kg		07/01/22 12:23	07/02/22 16:14	
<0.00100	U	0.00398	0.00100	mg/Kg		07/01/22 12:23	07/02/22 16:14	
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
109		70 - 130				07/01/22 12:23	07/02/22 16:14	
94		70 - 130				07/01/22 12:23	07/02/22 16:14	
EX Calculation								
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
<0.00100	U	0.00398	0.00100	mg/Kg			07/05/22 16:02	
ge Organics (DR	O) (GC)							
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
18.9	J	49.9	15.0	mg/Kg			07/05/22 11:42	
nge Organics (D	RO) (GC)							
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
<15.0	U *1	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 04:50	
-15.0	11	40.0	15.0	malka		07/04/22 11:24	07/04/22 04:50	
<15.0	U	49.9	13.0	ilig/Kg		07/01/22 11.24	07/04/22 04.50	
18.9	JB	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 04:50	
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
87		70 - 130				07/01/22 11:24	07/04/22 04:50	
87		70 - 130				07/01/22 11:24	07/04/22 04:50	
	<0.000342 <0.00100 %Recovery 109 94 EX Calculation Result <0.00100 ge Organics (DR Result 18.9 nge Organics (D Result <15.0 <15.0 18.9 %Recovery 87	Colonion Colonion	Council Coun	Council Coun	Council Coun	Council Coun	County C	Condition Cond

AnalyteResult
ChlorideQualifierRLMDL
4.95UnitDPreparedAnalyzedDil FacChloride2014.950.850mg/Kg07/02/22 23:481

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 B1	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	

Client: Talon/LPE

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

Analyte	Result	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 C10-C28)	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 05:10	1
OII Range Organics (Over C28-C36)	18.5	JB	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 05:10	1
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 Cl	hromatography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

4.95

0.850 mg/Kg

Client Sample ID: S-23A

114

Date Collected: 06/30/22 12:58

Chloride

Date Received: 07/01/22 08:12

Lab Sample ID: 880-16516-17

07/02/22 23:57

Matrix: Solid

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	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130				07/01/22 12:23	07/02/22 16:55	1
1,4-Difluorobenzene (Surr)	12	S1-	70 - 130				07/01/22 12:23	07/02/22 16:55	1
Analyte	Result	Qualifier	RL	MDL 0.00100		D	Prepared	Analyzed 07/05/22 16:02	
Analyte Total BTEX	Result 0.00731			MDL 0.00100	Unit mg/Kg	<u>D</u>	Prepared		
Analyte Total BTEX Method: 8015 NM - Diesel Range	Result 0.00731 e Organics (DR			0.00100		D_	Prepared Prepared		1
Method: Total BTEX - Total BTEX Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH	Result 0.00731 e Organics (DR	O) (GC) Qualifier	0.00397	0.00100	mg/Kg		<u> </u>	07/05/22 16:02	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH	Result 0.00731 Organics (DR) Result 36.8	O) (GC) Qualifier J	0.00397	0.00100 MDL	mg/Kg		<u> </u>	07/05/22 16:02 Analyzed	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range	Result 0.00731 Organics (DR) Result 36.8 ge Organics (D	O) (GC) Qualifier J	0.00397	0.00100 MDL	mg/Kg Unit mg/Kg		<u> </u>	07/05/22 16:02 Analyzed	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics	Result 0.00731 Organics (DR) Result 36.8 ge Organics (D	Qualifier J RO) (GC) Qualifier	0.00397 RL 50.0	0.00100 MDL 15.0	mg/Kg Unit mg/Kg		Prepared	07/05/22 16:02 Analyzed 07/05/22 11:42	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte	Result 0.00731 Organics (DR) Result 36.8 ge Organics (D) Result	Qualifier J RO) (GC) Qualifier J *1	0.00397 RL 50.0	0.00100 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit		Prepared Prepared	07/05/22 16:02 Analyzed 07/05/22 11:42 Analyzed	Dil Fac Dil Fac 1 Dil Fac 1

SDG: Eddy Co NM

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

Client: Talon/LPE

Lab Sample ID: 880-16516-17

Matrix: Solid

Date Collected: 06/30/22 12:58 Date Received: 07/01/22 08:12

Surrogate	%Recovery	Qualifier Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87	70 - 13	07/01/22 11:24	07/04/22 05:31	1
o-Terphenyl	91	70 - 13	07/01/22 11:24	07/04/22 05:31	1

	Method: 300.0 - Anions, Ion Chron	natography -	Soluble							
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Į	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

Method: 8021B - Volatile Orga Analyte		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			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	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
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	TEX 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 Rai Analyte	Result	Qualifier	RL		Unit	<u>D</u>	Prepared	Analyzed	Dil Fa
Total TPH	17.8	J	50.0	15.0	mg/Kg			07/05/22 11:42	,
Method: 8015B NM - Diesel R	ange Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *1	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 05:51	,
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 05:51	,
Oll Range Organics (Over C28-C36)	17.8	JB	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 05:51	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
	96		70 - 130				07/01/22 11:24	07/04/22 05:51	1
1-Chlorooctane	96								
1-Chlorooctane o-Terphenyl	102		70 - 130				07/01/22 11:24	07/04/22 05:51	
o-Terphenyl Method: 300.0 - Anions, Ion C	102 Chromatography -		70 - 130				07/01/22 11:24	07/04/22 05:51	1
o-Terphenyl	102 Chromatography -	Soluble Qualifier	70 - 130 RL 4.95		Unit mg/Kg	<u>D</u>	07/01/22 11:24 Prepared	07/04/22 05:51 Analyzed 07/03/22 00:15	Dil Fac

Client: Talon/LPE

Job ID: 880-16516-1

Project/Site: Bellatrix 28 Fed 01H

SDG: Eddy Co NM

Client Sample ID: S-25A Lab Sample ID: 880-16516-19

Date Collected: 06/30/22 12:52

Date Received: 07/01/22 08:12

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	1
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	TEX 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	ngo Organics (DP)	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 R	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	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:24	07/04/22 06:12	1
C10-C28) OII 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

Date Collected: 06/30/22 12:50

Lab Sample ID: 880-16516-20

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

Date Received: 07/01/22 08:12

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

Job ID: 880-16516-1

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	nge 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	<15.0	U	50.0	15.0	mg/Kg		07/01/22 11:24	07/04/22 06:32	1
C10-C28)									
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 Cl	nromatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1		5.00	0.858	mg/Kg			07/03/22 00:34	

Client Sample ID: S-27A Lab Sample ID: 880-16516-21 Date Collected: 06/30/22 13:35 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 12:27	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
Method: Total BTEX - Total B	ΓEX 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 Rar	nge Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	53.2		49.9	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel R	ange Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	27.7	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/03/22 23:06	1

Client: Talon/LPE 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 Matrix: Solid Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	25.5	J B	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 Chromat	tography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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

	D. "	O1161	Б.	ME	11	_	Danie and	A I	DUE
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.000383		0.00199	0.000383	mg/Kg		07/01/22 12:27	07/04/22 17:02	
Toluene	<0.000454		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	
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	Y Calculation								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00101		0.00398	0.00101	mg/Kg	— <u>-</u>		07/05/22 16:02	
			0.0000	0.00.01	0 0			07700722 10.02	
Method: 8015 NM - Diesel Range	e Organics (DR	O) (GC)	0.0000	0.00.00	0 0			01700722 10.02	
		O) (GC) Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Method: 8015 NM - Diesel Range Analyte Total TPH		Qualifier		MDL		<u>D</u>	Prepared		
Analyte Total TPH	Result 47.5	Qualifier J	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	
Analyte Total TPH Method: 8015B NM - Diesel Rang	Result 47.5 ge Organics (D	Qualifier J	RL	MDL 15.0	Unit	<u>D</u>	Prepared Prepared	Analyzed	
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte	Result 47.5 ge Organics (D	Qualifier J RO) (GC)	RL 50.0	MDL 15.0	Unit mg/Kg	— –		Analyzed 07/05/22 11:42	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result 47.5 ge Organics (D	Qualifier J RO) (GC) Qualifier	RL 50.0	MDL 15.0 MDL	Unit mg/Kg	— –	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 (D	Qualifier J RO) (GC) Qualifier J B	RL 50.0	MDL 15.0	Unit mg/Kg	— –	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 C10-C28)	Result 47.5	Qualifier J RO) (GC) Qualifier J B 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 11:27 07/01/22 11:27	Analyzed 07/05/22 11:42 Analyzed 07/04/22 00:09 07/04/22 00:09	
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 (D 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	— –	Prepared 07/01/22 11:27	Analyzed 07/05/22 11:42 Analyzed 07/04/22 00:09	Dil Fa
Analyte	Result 47.5	Qualifier J RO) (GC) Qualifier J B 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 11:27 07/01/22 11:27	Analyzed 07/05/22 11:42 Analyzed 07/04/22 00:09 07/04/22 00:09	Dil Fa

0.858 mg/Kg 07/03/22 07:38

07/01/22 11:27

Prepared

D

Eurofins Midland

07/04/22 00:09

Analyzed

70 - 130

RL

5.00

MDL Unit

104

336

Result Qualifier

Dil Fac

Method: 300.0 - Anions, Ion Chromatography - Soluble

o-Terphenyl

Analyte

Chloride

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	X 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
		DV (C4C3)							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH	•	, , ,	RL 49.9		Unit mg/Kg	<u>D</u>	Prepared	Analyzed 07/05/22 11:42	Dil Fac
Analyte Total TPH	Result 51.8	Qualifier				<u>D</u>	Prepared		
Analyte Total TPH	Result 51.8	Qualifier		15.0		<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte	Result 51.8	Qualifier RO) (GC) Qualifier	49.9	15.0 MDL	mg/Kg			07/05/22 11:42	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result 51.8 ge Organics (Di	Qualifier RO) (GC) Qualifier J B	49.9	15.0 MDL 15.0	mg/Kg		Prepared	07/05/22 11:42 Analyzed	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 51.8 ge Organics (Di Result 27.4	Qualifier RO) (GC) Qualifier JB JB	49.9 RL 49.9	15.0 MDL 15.0	mg/Kg Unit mg/Kg		Prepared 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 00:29	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 51.8 ge Organics (Di Result 27.4 24.4	Qualifier RO) (GC) Qualifier J B J B	49.9 RL 49.9 49.9	15.0 MDL 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:27 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 00:29 07/04/22 00:29	1 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 51.8 ge Organics (Di Result 27.4 24.4 <15.0	Qualifier RO) (GC) Qualifier J B J B	49.9 RL 49.9 49.9 49.9	15.0 MDL 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27	Analyzed 07/04/22 00:29 07/04/22 00:29	Dil Fac 1 1 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	Qualifier RO) (GC) Qualifier J B J B	49.9 RL 49.9 49.9 49.9 Limits	15.0 MDL 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27 Prepared	Analyzed 07/04/22 00:29 07/04/22 00:29 07/04/22 00:29 Analyzed	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 1-Chlorooctane	Result	Qualifier RO) (GC) Qualifier JB JB U Qualifier	49.9 RL 49.9 49.9 49.9 Limits 70 - 130	15.0 MDL 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27 Prepared 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 00:29 07/04/22 00:29 Analyzed 07/04/22 00:29	Dil Fac 1 1 Dil Fac 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 1-Chlorooctane o-Terphenyl	Result	Qualifier RO) (GC) Qualifier JB JB U Qualifier	49.9 RL 49.9 49.9 49.9 Limits 70 - 130	15.0 MDL 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27 Prepared 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 00:29 07/04/22 00:29 Analyzed 07/04/22 00:29	1 1 1 Dil Fac 1

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

Chloride

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-30A Lab Sample ID: 880-16516-24

Date Collected: 06/30/22 13:42

Date Received: 07/01/22 08:12

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	JB	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	,
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 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	
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	0	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac

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

5.00

0.858 mg/Kg

Date Collected: 06/30/22 13:46

Date Received: 07/01/22 08:12

Matrix: Solid

107

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		07/01/22 12:27	07/04/22 18:03	
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
Method: Total BTEX - Total BTEX			70 - 130				07/01/22 12:27	07/04/22 18:03	
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BTEX Analyte Total BTEX	(Calculation	Qualifier	70 - 130 RL 0.00402	MDL 0.00102	Unit mg/Kg	<u>D</u>	07/01/22 12:27 Prepared	07/04/22 18:03 Analyzed 07/05/22 16:02	Dil Fac
Method: Total BTEX - Total BTEX Analyte	Calculation Result <0.00102	U	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTEX Analyte Total BTEX	Calculation Result <0.00102 Organics (DR	U	RL	0.00102		<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTEX Analyte Total BTEX Method: 8015 NM - Diesel Range	Calculation Result <0.00102 Organics (DR	U (GC)	RL 0.00402	0.00102	mg/Kg	<u> </u>	Prepared	Analyzed 07/05/22 16:02	Dil Fac
Method: Total BTEX - Total BTEX Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte	Calculation Result <0.00102 Corganics (DR Result 51.8	O) (GC) Qualifier	RL 0.00402	0.00102 MDL	mg/Kg	<u> </u>	Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fac
Method: Total BTEX - Total BTEX Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH	Calculation Result <0.00102 Organics (DR Result 51.8 ge Organics (D	O) (GC) Qualifier	RL 0.00402	0.00102 MDL 15.0	mg/Kg	<u> </u>	Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fac
Method: Total BTEX - Total BTEX Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range	Calculation Result <0.00102 Organics (DR Result 51.8 ge Organics (D	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

07/03/22 07:56

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

Matrix: Solid

Date Received:	07/01/22 08:12

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 Chrom	atography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212		4.95	0.850	mg/Kg			07/03/22 08:05	1

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

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

Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/01/22 12:27	07/04/22 18:24	
Toluene	< 0.000455	U	0.00200	0.000455	mg/Kg		07/01/22 12:27	07/04/22 18:24	
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		07/01/22 12:27	07/04/22 18:24	
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:27	07/04/22 18:24	
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		07/01/22 12:27	07/04/22 18:24	
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 12:27	07/04/22 18:24	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	113		70 - 130				07/01/22 12:27	07/04/22 18:24	
1,4-Difluorobenzene (Surr)	98		70 - 130				07/01/22 12:27	07/04/22 18:24	
Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			07/05/22 16:02	
Method: 8015 NM - Diesel Range			ъ.			_			5.1.5
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	22.8	J	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 Fa
Gasoline Range Organics (GRO)-C6-C10	22.8	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 01:30	
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 01:30	
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 01:30	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	105		70 - 130				07/01/22 11:27	07/04/22 01:30	
o-Terphenyl	101		70 - 130				07/01/22 11:27	07/04/22 01:30	
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	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: NSW-2 Lab Sample ID: 880-16516-27 Date Collected: 06/30/22 13:10

Matrix: Solid

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 BTE	K Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00396	0.00100	mg/Kg			07/05/22 16:02	1
Method: 8015 NM - Diesel Range	Organics (DR)	O) (GC)							
Method: 8015 NM - Diesel Range Analyte		O) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Qualifier	RL 49.9		Unit mg/Kg	<u>D</u>	Prepared	Analyzed 07/05/22 11:42	Dil Fac
Analyte Total TPH	Result 49.4	Qualifier J				<u>D</u>	Prepared		
Analyte Total TPH Method: 8015B NM - Diesel Rang	Result 49.4 ge Organics (Di	Qualifier J RO) (GC)	49.9	15.0		D_		07/05/22 11:42	1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result 49.4 ge Organics (Di	Qualifier J RO) (GC) Qualifier		15.0	mg/Kg		Prepared 07/01/22 11:27		1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte	Result 49.4 ge Organics (Dige Result 27.6	Qualifier J RO) (GC) Qualifier	49.9	15.0 MDL 15.0	mg/Kg		Prepared	07/05/22 11:42 Analyzed	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 49.4 ge Organics (Dige Result 27.6	Qualifier J RO) (GC) Qualifier J B J B	49.9 RL 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg		Prepared 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 01:49	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 49.4 ge Organics (Di Result 27.6 21.8	Qualifier J RO) (GC) Qualifier J B J B	49.9 RL 49.9 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:27 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 01:49 07/04/22 01:49	1 Dil Fac 1 1
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 49.4 ge Organics (Di Result 27.6 21.8 <15.0	Qualifier J RO) (GC) Qualifier J B J B	49.9 RL 49.9 49.9 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 01:49 07/04/22 01:49	Dil Fac 1 1 Dil Fac 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 49.4 49.4	Qualifier J RO) (GC) Qualifier J B J B	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 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27 Prepared	Analyzed 07/04/22 01:49 07/04/22 01:49 07/04/22 01:49 Analyzed	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 1-Chlorooctane	Result 49.4 49.4	Qualifier J RO) (GC) Qualifier J B J B U 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 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27 Prepared 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 01:49 07/04/22 01:49 Analyzed 07/04/22 01:49	1 Dil Fac 1
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 1-Chlorooctane o-Terphenyl	Result 49.4 49.4	Qualifier J RO) (GC) Qualifier J B J B U 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 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27 Prepared 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 01:49 07/04/22 01:49 Analyzed 07/04/22 01:49	1 Dil Fac 1 Dil Fac 1

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

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

Analyte

Chloride

Client Sample Results

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

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

Date Collected: 06/30/22 13:52

Date Received: 07/01/22 08:12

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 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
Gasoline Range Organics	28.7	JB	50.0	15.0	mg/Kg		07/01/22 11:27	07/04/22 02:10	1
Method: 8015B NM - Diesel Rang Analyte	,	RO) (GC) Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac
(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

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

RL

5.00

MDL Unit

0.858 mg/Kg

D

Prepared

Analyzed

07/03/22 08:52

Dil Fac

Date Collected: 06/30/22 12:15

Date Received: 07/01/22 08:12

Result Qualifier

48.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg		07/01/22 12:27	07/04/22 19:25	
Toluene	< 0.000457	U	0.00200	0.000457	mg/Kg		07/01/22 12:27	07/04/22 19:25	
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg		07/01/22 12:27	07/04/22 19:25	
m-Xylene & p-Xylene	<0.00101	U	0.00401	0.00101	mg/Kg		07/01/22 12:27	07/04/22 19:25	
o-Xylene	< 0.000345	U	0.00200	0.000345	mg/Kg		07/01/22 12:27	07/04/22 19:25	
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg		07/01/22 12:27	07/04/22 19:25	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	109		70 - 130				07/01/22 12:27	07/04/22 19:25	
Method: Total BTEX - Total BTE		Qualifier	70 ₋ 130	MDI	l Init	D	07/01/22 12:27	07/04/22 19:25	Dil Ea
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BTE Analyte Total BTEX	X Calculation	Qualifier U	70 - 130 RL 0.00401	MDL 0.00101	Unit mg/Kg	<u>D</u>	07/01/22 12:27 Prepared	07/04/22 19:25 Analyzed 07/05/22 16:02	Dil Fa
Method: Total BTEX - Total BTE Analyte Total BTEX	EX Calculation Result <0.00101	U	RL			<u>D</u>		Analyzed	Dil Fa
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang	EX Calculation Result <0.00101 de Organics (DR	U	RL	0.00101		<u>D</u>		Analyzed	Dil Fa
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte	EX Calculation Result <0.00101 de Organics (DR	U (GC)	RL 0.00401	0.00101	mg/Kg	=	Prepared	Analyzed 07/05/22 16:02	Dil Fa
Method: Total BTEX - Total BTE Analyte	Result Calculation Result <0.00101 The Organics (DR) Result 55.7	O) (GC) Qualifier		0.00101 MDL	mg/Kg	=	Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fa
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH	EX Calculation Result <0.00101 The Organics (DR) Result 55.7 The Organics (DR) Result Companies (DR) Result	O) (GC) Qualifier		0.00101 MDL 15.0	mg/Kg	=	Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fa
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Rang	EX Calculation Result <0.00101 The Organics (DR) Result 55.7 The Organics (DR) Result Companies (DR) Result	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 Fa

SDG: Eddy Co NM

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

Matrix: Solid

Date Collected: 06/30/22 12:15 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-Terphenvl	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 Prepared Analyzed Dil Fac 4.98 0.855 mg/Kg 07/03/22 09:01 Chloride 38.1

Client Sample ID: ESW-2 Lab Sample ID: 880-16516-30

Date Received: 07/01/22 08:12

Date Collected: 06/30/22 12:20 **Matrix: Solid**

Method: 8021B - Volatile Organi	c Compounds ((GC)							
Analyte		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 19:46	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg		07/01/22 12:27	07/04/22 19:46	1
Ethylbenzene	< 0.000567	U	0.00201	0.000567	mg/Kg		07/01/22 12:27	07/04/22 19:46	1
m-Xylene & p-Xylene	0.00645		0.00402	0.00101	mg/Kg		07/01/22 12:27	07/04/22 19:46	1
o-Xylene	< 0.000345	U	0.00201	0.000345	mg/Kg		07/01/22 12:27	07/04/22 19:46	1
Xylenes, Total	0.00645		0.00402	0.00101	mg/Kg		07/01/22 12:27	07/04/22 19:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	271	S1+	70 - 130				07/01/22 12:27	07/04/22 19:46	1
1,4-Difluorobenzene (Surr)	251	S1+	70 - 130				07/01/22 12:27	07/04/22 19:46	1
Method: Total BTEX - Total BTE	X 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	e Organics (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 Ran	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	25.2	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 02:50	1
Diesel Range Organics (Over C10-C28)	1440	В	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 02:50	1
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
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				07/01/22 11:27	07/04/22 02:50	1
o-Terphenyl	106		70 - 130				07/01/22 11:27	07/04/22 02:50	1
Method: 300.0 - Anions, Ion Chr	omatography -	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

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	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
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: 2015 NM Discal Bones	Organica (DB)	0) (CC)							
Method: 8015 NM - Diesel Range Analyte	•	Qualifier	RL	MDI	Unit	D	Prepared	A a b a d	
									Dil Fac
		<u>quannon</u>					Frepareu	Analyzed	Dil Fac
	50.5	Qualifor	49.9		mg/Kg			07/05/22 11:42	
Total TPH	50.5					=			
Total TPH Method: 8015B NM - Diesel Rang	50.5 ge Organics (D				mg/Kg		Prepared		1
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	50.5 ge Organics (D	RO) (GC) Qualifier	49.9	15.0	mg/Kg		<u> </u>	07/05/22 11:42	1 Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	50.5 ge Organics (Di Result 16.0	RO) (GC) Qualifier J B	49.9 RL 49.9	15.0 MDL 15.0	mg/Kg Unit mg/Kg		Prepared 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 03:30	Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	50.5 ge Organics (DI Result	RO) (GC) Qualifier J B	49.9	15.0 MDL 15.0	mg/Kg		Prepared	07/05/22 11:42 Analyzed	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	50.5 ge Organics (Di Result 16.0	RO) (GC) Qualifier J B	49.9 RL 49.9	15.0 MDL 15.0	mg/Kg Unit mg/Kg		Prepared 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 03:30	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (Di Result 16.0	RO) (GC) Qualifier J B J B	49.9 RL 49.9 49.9	15.0 MDL 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:27 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 03:30 07/04/22 03:30	1 Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	50.5 ge Organics (Di Result 16.0 34.5 <15.0	RO) (GC) Qualifier J B J B	49.9 RL 49.9 49.9 49.9	15.0 MDL 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 03:30 07/04/22 03:30 07/04/22 03:30	Dil Face 1 1 1 Dil Face
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	50.5 ge Organics (Di Result 16.0 34.5 <15.0 %Recovery	RO) (GC) Qualifier J B J B	49.9 RL 49.9 49.9 49.9 Limits	15.0 MDL 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27 Prepared	Analyzed 07/04/22 03:30 07/04/22 03:30 07/04/22 03:30 Analyzed	Dil Fac
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 1-Chlorooctane	50.5 ge Organics (Di Result 16.0 34.5 <15.0 %Recovery 100 99	RO) (GC) Qualifier JB JB U Qualifier	49.9 RL 49.9 49.9 49.9 Limits 70 - 130	15.0 MDL 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27 Prepared 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 03:30 07/04/22 03:30 Analyzed 07/04/22 03:30	Dil Fac
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 1-Chlorooctane o-Terphenyl	50.5 ge Organics (Di Result 16.0 34.5 <15.0 %Recovery 100 99 comatography -	RO) (GC) Qualifier JB JB U Qualifier	49.9 RL 49.9 49.9 49.9 Limits 70 - 130	15.0 MDL 15.0	mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27 Prepared 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 03:30 07/04/22 03:30 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 **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 21:29	
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

Client: Talon/LPE

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 Range	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	19.8	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 03:50	1
Diesel Range Organics (Over C10-C28)	29.7	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 03:50	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 03:50	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 Lab Sample ID: 880-16516-33 **Matrix: Solid**

Date Collected: 06/30/22 13:55

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 21:49	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 BTE	98 X Calculation		70 - 130				07/01/22 12:27	07/04/22 21:49	1
	X Calculation	Qualifier U	70 - 130 RL 0.00399	MDL 0.00101	Unit mg/Kg	<u>D</u>	07/01/22 12:27 Prepared	07/04/22 21:49 Analyzed 07/05/22 16:02	Dil Fac
Method: Total BTEX - Total BTE Analyte	X Calculation Result <0.00101 e Organics (DR	U	RL	0.00101		D		Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Range	X Calculation Result <0.00101 e Organics (DR	U (GC)	RL 0.00399	0.00101	mg/Kg	<u> </u>	Prepared	Analyzed 07/05/22 16:02	Dil Fac Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte	X Calculation Result <0.00101 e Organics (DR) Result 54.2	O) (GC) Qualifier	RL 0.00399	0.00101 MDL	mg/Kg	<u> </u>	Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range	X Calculation Result <0.00101 e Organics (DR Result 54.2 ge Organics (D	O) (GC) Qualifier	RL 0.00399	0.00101 MDL 15.0	mg/Kg	<u> </u>	Prepared	Analyzed 07/05/22 16:02 Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH	X Calculation Result <0.00101 e Organics (DR Result 54.2 ge Organics (D Result	O) (GC) Qualifier RO) (GC) Qualifier	RL 0.00399 RL 50.0	0.00101 MDL 15.0	mg/Kg Unit mg/Kg	<u></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

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

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 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				07/01/22 11:27	07/04/22 04:10	1
o-Terphenvl	104		70 - 130				07/01/22 11:27	07/04/22 04:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 305 5.05 07/03/22 09:56 Chloride 0.867 mg/Kg

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

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 22:10	
Toluene	< 0.000453	U	0.00199	0.000453	mg/Kg		07/01/22 12:27	07/04/22 22:10	,
Ethylbenzene	< 0.000562	U	0.00199	0.000562	mg/Kg		07/01/22 12:27	07/04/22 22:10	
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		07/01/22 12:27	07/04/22 22:10	
o-Xylene	< 0.000342	U	0.00199	0.000342	mg/Kg		07/01/22 12:27	07/04/22 22:10	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		07/01/22 12:27	07/04/22 22:10	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	113		70 - 130				07/01/22 12:27	07/04/22 22:10	
1,4-Difluorobenzene (Surr)	95		70 - 130				07/01/22 12:27	07/04/22 22:10	
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			07/05/22 16:02	
Method: 8015 NM - Diesel Range	Organics (DR)	O) ((4C;)							
Analyte	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	
	•	, ,	RL 50.0		Unit mg/Kg	<u>D</u>	Prepared	Analyzed 07/05/22 11:42	
Analyte	Result 61.6	Qualifier				<u>D</u>	Prepared		
Analyte Total TPH	Result 61.6 ge Organics (DI	Qualifier		15.0		<u>D</u>	Prepared Prepared		
Analyte Total TPH Method: 8015B NM - Diesel Rang	Result 61.6 ge Organics (DI	Qualifier RO) (GC) Qualifier	50.0	15.0 MDL	mg/Kg			07/05/22 11:42	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result 61.6 ge Organics (Di Result 32.0	Qualifier RO) (GC) Qualifier	50.0	15.0 MDL 15.0	mg/Kg		Prepared	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 61.6 ge Organics (Di Result 32.0	Qualifier RO) (GC) Qualifier JB JB	50.0 RL 50.0	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg		Prepared 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 04:30	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 61.6 ge Organics (DI Result 32.0 29.6	Qualifier RO) (GC) Qualifier JB 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 11:27 07/01/22 11:27	07/05/22 11:42 Analyzed 07/04/22 04:30 07/04/22 04:30	Dil Fa
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 61.6 ge Organics (DI Result 32.0 29.6 <15.0	Qualifier RO) (GC) Qualifier JB 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 11:27 07/01/22 11:27	Analyzed 07/04/22 04:30 07/04/22 04:30 07/04/22 04:30	Dil Fa
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 61.6	Qualifier RO) (GC) Qualifier JB JB	50.0 RL 50.0 50.0 50.0 Limits	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27 Prepared	Analyzed 07/04/22 04:30 07/04/22 04:30 07/04/22 04:30 Analyzed	Dil Fa
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 1-Chlorooctane	Result	Qualifier RO) (GC) Qualifier J B J B U 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 11:27 07/01/22 11:27 07/01/22 11:27 Prepared 07/01/22 11:27	Analyzed 07/04/22 04:30 07/04/22 04:30 07/04/22 04:30 Analyzed 07/04/22 04:30	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 1-Chlorooctane o-Terphenyl	Result	Qualifier RO) (GC) Qualifier J B J B U 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 mg/Kg		Prepared 07/01/22 11:27 07/01/22 11:27 07/01/22 11:27 Prepared 07/01/22 11:27	Analyzed 07/04/22 04:30 07/04/22 04:30 07/04/22 04:30 Analyzed 07/04/22 04:30	Dil Fac

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 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 (DR)	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	58.4		49.9	15.0	mg/Kg			07/05/22 11:42	1
- Method: 8015B NM - Diesel Rang	ge Organics (Di	RO) (GC)							
Analyte	•	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	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	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				07/01/22 11:27	07/04/22 04:50	1
o-Terphenyl	97		70 - 130				07/01/22 11:27	07/04/22 04:50	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
						_			
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	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

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

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Job ID: 880-16516-1

SDG: Eddy Co NM

Project/Site: Bellatrix 28 Fed 01H

Client Sample ID: SSW-3

Client: Talon/LPE

Lab Sample ID: 880-16516-36

Date Collected: 06/30/22 13:48 Date Received: 07/01/22 08:12 Matrix: Solid

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	JB	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)									
Oll 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	0	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

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	1
Toluene	< 0.000453	U	0.00199	0.000453	mg/Kg		07/01/22 12:27	07/04/22 23:12	1
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
	95 EX Calculation		70 - 130				07/01/22 12:27	07/04/22 23:12	1
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BTE Analyte	EX Calculation	Qualifier	70 ₋ 130	MDL	Unit	D	07/01/22 12:27 Prepared	07/04/22 23:12 Analyzed	,
Method: Total BTEX - Total BTE	EX Calculation			MDL 0.00100	Unit mg/Kg	<u>D</u>			Dil Fac
Method: Total BTEX - Total BTE Analyte	EX Calculation Result <0.00100	U	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX	EX Calculation Result <0.00100 ge Organics (DR	U	RL	0.00100		<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang	EX Calculation Result <0.00100 ge Organics (DR	U (GC)	RL 0.00398	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 Method: 8015B NM - Diesel Rang	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	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

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

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 05:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				07/01/22 11:27	07/04/22 05:31	1
o-Terphenyl	103		70 - 130				07/01/22 11:27	07/04/22 05:31	1

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 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 Collected: 06/30/22 12:30 **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 12:27	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 BTEX	(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
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.5		49.9	15.0	mg/Kg			07/05/22 11:42	1
Method: 8015B NM - Diesel Rang	je Organics (Di	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	27.2	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 05:51	1
Diesel Range Organics (Over C10-C28)	23.3	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 05:51	1
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	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				07/01/22 11:27	07/04/22 05:51	1
o-Terphenyl	92		70 - 130				07/01/22 11:27	07/04/22 05:51	1
•									
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Method: 300.0 - Anions, Ion Chro Analyte		Soluble Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

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

Date Received: 07/01/22 08:12

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.000389	U	0.00202	0.000389	mg/Kg		07/01/22 12:27	07/04/22 23:53	
Toluene	<0.000461	U	0.00202	0.000461	mg/Kg		07/01/22 12:27	07/04/22 23:53	
Ethylbenzene	< 0.000571	U	0.00202	0.000571	mg/Kg		07/01/22 12:27	07/04/22 23:53	
m-Xylene & p-Xylene	<0.00102	U	0.00404	0.00102	mg/Kg		07/01/22 12:27	07/04/22 23:53	
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg		07/01/22 12:27	07/04/22 23:53	
Xylenes, Total	<0.00102	U	0.00404	0.00102	mg/Kg		07/01/22 12:27	07/04/22 23:53	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	113		70 - 130				07/01/22 12:27	07/04/22 23:53	
1,4-Difluorobenzene (Surr)	92		70 - 130				07/01/22 12:27	07/04/22 23:53	
Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00102	U	0.00404	0.00102	mg/Kg			07/05/22 16:02	,
Method: 8015 NM - Diesel Range						_			
Analyte		Qualifier	RL -		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	46.4	J	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	22.6	JB	49.9	15.0	mg/Kg		07/01/22 11:27	07/04/22 06:12	•
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	
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	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	101		70 - 130				07/01/22 11:27	07/04/22 06:12	
o-Terphenyl	98		70 - 130				07/01/22 11:27	07/04/22 06:12	
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: WSW-4

Date Collected: 06/30/22 13:18

Lab Sample ID: 880-16516-40

Matrix: Solid

Date Collected: 06/30/22 13:18
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

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

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

Matrix: Solid

Method: Total BTEX - Total BTEX									
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		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	ge 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
_ Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		5.05	0.867	mg/Kg			07/03/22 11:19	1

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

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	1
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	1
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
4 4 5 5 7 4 6 4	92		70 - 130				07/01/22 15:30	07/04/22 09:09	1
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT Analyte	EX Calculation	Qualifier	70 - 730 RL	MDL	Unit	D	Prepared	Analyzed	
- ' '			70 - 730				07/01/22 13:30	0170-1122 03.03	
Method: Total BTEX - Total BT Analyte	EX Calculation			MDL 0.00100		<u>D</u>			Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX	EX Calculation Result <0.00100	U	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte	EX Calculation Result <0.00100 ge Organics (DR	U	RL	0.00100		<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran	EX Calculation Result <0.00100 ge Organics (DR	U 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	EX Calculation Result <0.00100 ge Organics (DR) Result 17.2	O) (GC) Qualifier J		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	EX Calculation Result <0.00100 ge Organics (DR) Result 17.2 inge Organics (D	O) (GC) Qualifier J		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 Ra	EX Calculation Result <0.00100 ge Organics (DR) Result 17.2 Inge Organics (DI) Result	O) (GC) Qualifier J 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

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

Date Received: 07/01/22 08:12

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over	17.2	J B	49.9	15.0	mg/Kg		07/01/22 16:31	07/04/22 12:18	1
C28-C36)									
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 (Chromatography -	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 Matrix: Solid
Date Received: 07/01/22 08:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		07/01/22 15:30	07/04/22 10:32	
Toluene	< 0.000455	U	0.00200	0.000455	mg/Kg		07/01/22 15:30	07/04/22 10:32	
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		07/01/22 15:30	07/04/22 10:32	
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 15:30	07/04/22 10:32	
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		07/01/22 15:30	07/04/22 10:32	
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		07/01/22 15:30	07/04/22 10:32	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	105		70 - 130				07/01/22 15:30	07/04/22 10:32	
1,4-Difluorobenzene (Surr)	97		70 - 130				07/01/22 15:30	07/04/22 10:32	
Method: Total BTEX - Total B1	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			07/05/22 16:02	
Method: 8015 NM - Diesel Rar	nge Organics (DR)	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	19.0	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	<15.0	U	50.0	15.0	mg/Kg		07/01/22 16:31	07/04/22 13:25	
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	
Oll Range Organics (Over C28-C36)	19.0	JB	50.0	15.0	mg/Kg		07/01/22 16:31	07/04/22 13:25	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	80		70 - 130				07/01/22 16:31	07/04/22 13:25	
o-Terphenyl	85		70 - 130				07/01/22 16:31	07/04/22 13:25	
Method: 300.0 - Anions, Ion C	hromatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
			4.97		mg/Kg				

Surrogate Summary

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

latrix: 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	
380-16516-1 MSD	S-3A	119	92	
380-16516-2	S-4A	95	89	
380-16516-3	S-6A	110	93	
380-16516-4	S-7A	109	102	
380-16516-5	S-8A	114	96	
880-16516-6	S-11A	101	93	
880-16516-7	S-13A	96	91	
380-16516-8	S-14A	96	88	
880-16516-9	S-15A	107	93	
380-16516-10	S-16A	90	91	
880-16516-11	S-17A	108	98	
80-16516-12	S-18A	114	98	
880-16516-13	S-19A	110	97	
80-16516-14	S-20A	113	92	
80-16516-15	S-21A	109	94	
80-16516-16	S-22A	105	87	
80-16516-17	S-23A	72	12 S1-	
80-16516-18	S-24A	83	96	
80-16516-19	S-25A	58 S1-	92	
80-16516-20	S-26A	107	79	
80-16516-21	S-27A	109	98	
80-16516-21 MS	S-27A	107	101	
80-16516-21 MSD	S-27A	111	102	
80-16516-22	S-28A	114	100	
80-16516-23	S-29A	106	100	
80-16516-24	S-30A	113	98	
80-16516-25	S-31A	108	92	
80-16516-26	S-32A	113	98	
80-16516-27	NSW-2	109	95	
80-16516-28	NSW-3	111	98	
80-16516-29	ESW-1	109	93	
80-16516-30	ESW-2	271 S1+	251 S1+	
80-16516-31	ESW-3	110	97	
80-16516-32	ESW-4	112	96	
80-16516-33	ESW-5	110	98	
880-16516-34	SSW-1	113	95	
880-16516-35	SSW-2	111	94	
80-16516-36	SSW-3	114	93	
880-16516-37	WSW-1	112	95	
80-16516-38	WSW-2	112	93	
80-16516-39	WSW-3	113	92	
80-16516-40	WSW-4	114	92	
80-16516-41	WSW-5	109	92	
80-16516-42	WSW-6	105	97	
.CS 880-28850/1-A	Lab Control Sample	120	99	
.CS 880-28852/1-A	Lab Control Sample	107	101	
_CS 880-28855/1-A	Lab Control Sample	105	102	

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Released to Imaging: 10/26/2022 1:35:35 PM

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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

				Percent Surrogate Recovery (Acc
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
LCSD 880-28850/2-A	Lab Control Sample Dup	116	99	
LCSD 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-Bromofluorobenzene ((Surr)			
DFBZ = 1,4-Difluorobenzene (S	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	
880-16516-11	S-17A	89	91	
880-16516-12	S-18A	94	97	
880-16516-13	S-19A	89	92	
880-16516-14	S-20A	84	85	
880-16516-15	S-21A	87	87	
880-16516-16	S-22A	85	83	
880-16516-17	S-23A	87	91	
880-16516-18	S-24A	96	102	
880-16516-19	S-25A	91	94	
880-16516-20	S-26A	95	97	
880-16516-21	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	
880-16516-24	S-30A	105	108	
880-16516-25	S-31A	104	101	
880-16516-26	S-32A	105	101	
880-16516-27	NSW-2	101	96	
880-16516-28	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

				Percent Surrogate Recove
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	. <u></u>
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+	
	Method Blank	85	101	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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

Method: 8021B - Volatile Organic Compounds (GC)

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

Matrix: Solid

Analysis Batch: 28967

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28842

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.001m8	0.000382	g K/7 K		04/01/22 12:06	04/03/22 1m10	1
Tolhene	<0.000u52	U	0.001m8	0.000u52	g K/7 K		04/01/22 12:06	04/03/22 1m10	1
EtXylbenzene	<0.000561	U	0.001m8	0.000561	g K/7 K		04/01/22 12:06	04/03/22 1m10	1
g -&ylene p s-&ylene	<0.00100	U	0.003m4	0.00100	g K/7 K		04/01/22 12:06	04/03/22 1m10	1
o-&ylene	<0.0003u1	U	0.001m8	0.0003u1	g K/7 K		04/01/22 12:06	04/03/22 1m10	1
&ylene, 9Total	<0.00100	U	0.003m4	0.00100	g K/7K		04/01/22 12:06	04/03/22 1m10	1

MB MB

MD MD

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	_	07/01/22 1250,	07/03/22 1: 5/10	1
1D-i ¶uorobenzene (Surr)	: 2		70 - 130		07/01/22 1250,	07/03/22 1: 5/10	1

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

Prep Batch: 28847

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

Analysis Batch: 28820

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	g K/7K		04/01/22 12:12	04/01/22 23:26	1
Tolhene	<0.000u56	U	0.00200	0.000u56	g K/7 K		04/01/22 12:12	04/01/22 23:26	1
EtXylbenzene	<0.000565	U	0.00200	0.000565	g K/7K		04/01/22 12:12	04/01/22 23:26	1
g -&ylene p s-&ylene	<0.00101	U	0.00u00	0.00101	g K/7K		04/01/22 12:12	04/01/22 23:26	1
o-&ylene	<0.0003uu	U	0.00200	0.0003uu	g K/7K		04/01/22 12:12	04/01/22 23:26	1
&ylene, 9Total	<0.00101	U	0.00u00	0.00101	g K/7 K		04/01/22 12:12	04/01/22 23:26	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	07/01/22 125/2	07/01/22 2352,	1
1 ^D 4-i ¶uorobenzene (Surr)	: 2		70 - 130	07/01/22 125/2	07/01/22 2352,	1

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

Matrix: Solid

Analysis Batch: 28967

Client Sample 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	g K/7K		04/01/22 15:30	04/0u/22 05:u3	1
Tolhene	<0.000u56	U	0.00200	0.000u56	g K/7 K		04/01/22 15:30	04/0u/22 05:u3	1
EtXylbenzene	<0.000565	U	0.00200	0.000565	g K/7K		04/01/22 15:30	04/0u/22 05:u3	1
g -&ylene p s-&ylene	<0.00101	U	0.00u00	0.00101	g K/7 K		04/01/22 15:30	04/0u/22 05:u3	1
o-&ylene	<0.0003uu	U	0.00200	0.0003uu	g K/7 K		04/01/22 15:30	04/0u/22 05:u3	1
&ylene, 9Total	<0.00101	U	0.00u00	0.00101	g K/7 K		04/01/22 15:30	04/0u/22 05:u3	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	07/01/22 1C330	07/04/22 0C543	1
1D4-i ¶uorobenzene (Surr)	hh		70 - 130	07/01/22 1C 5 30	07/04/22 0C543	1

Job ID: 880-16516-1

SDG: Eddy Co NM

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

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

Project/Site: Bellatrix 28 Fed 01H

Matrix: Solid

Analysis Batch: 28967

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28850

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08135		g K/7 K	_	81	40 - 130	
Tolhene	0.100	0.081m8		g K/7 K		82	40 - 130	
EtXylbenzene	0.100	0.0m014		g K/7 K		m0	40 - 130	
g -&ylene p s-&ylene	0.200	0.1m03		g K/7 K		mБ	40 - 130	
o-&ylene	0.100	0.0m86u		g K/7 K		mm	40 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1DI-i Illuorobenzene (Surr)	::		70 - 130

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 880-28850/2-A **Matrix: Solid**

Prep Type: Total/NA Prep Batch: 28850

Analysis Batch: 28967 Spike LCSD LCSD RPD %Rec Added Result Qualifier Limits Limit Analyte Unit %Rec RPD Benzene 0.100 0.08862 g K/7 K 8m 40 - 130 35

Tolhene 0.100 0.08840 g K/7 K 8m 40 - 130 8 35 EtXylbenzene 0.100 0.0mu35 g K/7 K mu 40 - 130 5 35 0.200 g -&ylene p s-&ylene 0.1m66 g K/7K m8 40 - 130 3 35 0.100 0.1005 o-&ylene g K/7 K 101 40 - 130 2 35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	11,	70 - 130
1D4-i ¶uorobenzene (Surr)	::	70 - 130

Lab Sample ID: MB 880-28852/5-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 28820

Prep Type: Total/NA

Prep Batch: 28852

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	g K/7K		04/01/22 12:23	04/02/22 10:03	1
Tolhene	<0.000u56	U	0.00200	0.000u56	g K/7K		04/01/22 12:23	04/02/22 10:03	1
EtXylbenzene	< 0.000565	U	0.00200	0.000565	g K/7K		04/01/22 12:23	04/02/22 10:03	1
g -&ylene p s-&ylene	<0.00101	U	0.00u00	0.00101	g K/7K		04/01/22 12:23	04/02/22 10:03	1
o-&ylene	<0.0003uu	U	0.00200	0.0003uu	g K/7K		04/01/22 12:23	04/02/22 10:03	1
&ylene, 9Total	< 0.00101	U	0.00u00	0.00101	g K/7K		04/01/22 12:23	04/02/22 10:03	1

MB MB

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	07/01/22 12523	07/02/22 10503	1
1D4-i ¶uorobenzene (Surr)	: 1		70 - 130	07/01/22 12523	07/02/22 10503	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		g K/7 K		105	40 - 130	
Tolhene	0.100	0.1021		g K/7 K		102	40 - 130	

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)

Lab Sample ID: LCS 880-28852/1-A **Matrix: Solid**

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

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
EtXylbenzene	0.100	0.1028		g K/7 K		103	40 - 130
g -&ylene p s-&ylene	0.200	0.20m0		g K/7K		105	40 - 130
o-&ylene	0.100	0.1054		g K/7 K		106	40 - 130

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	107	70 - 130
1124-i ¶uorobenzene (Surr)	101	70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Matrix: Solid Analysis Batch: 28820

Prep Batch: 28852

Spike LCSD LCSD Added Result Qualifier RPD Limit Analyte %Rec Limits Unit Benzene 0.100 0.0842u g K/7 K 84 40 - 130 1m 35 Tolhene 0.086m8 40 - 130 0.100 g K/7K 84 16 35 EtXylbenzene 0.100 0.08805 88 40 - 130 15 35 g K/7 K 0.200 0.1813 g K/7 K 40 - 130 35 g -&ylene p s-&ylene m1 1u 0.100 0.0m286 40 - 130 o-&ylene g K/7 K m8 13

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	10h		70 - 130
1 🗗 - i 🖫 uorobenzene (Surr)	::		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	0.08m05		g K/7 K		8m	40 - 130	
Tolhene	<0.000u54	U F1	0.100	0.08124		g K/7 K		81	40 - 130	
EtXylbenzene	<0.000566	U F1	0.100	0.05068	F1	g K/7 K		51	40 - 130	
g -&ylene p s-&ylene	<0.00101	U F1	0.200	0.134m	F1	g K/7 K		6m	40 - 130	
o-&ylene	<0.0003u5	U	0.100	0.08mu8		g K/7 K		8m	40 - 130	

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	10h	70 - 130
1DI-i 9luorobenzene (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 Pron Ratch: 28852

Alialysis Dalcii. 20020									Fieh	Datell.	20052
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.000386	U F1 F2	0.0mm8	0.05u08	F1 F2	g K/7 K		5u	40 - 130	um	35
Tolhene	<0.000u54	U F1	0.0mm8	0.06225	F1	g K/7 K		62	40 - 130	26	35
EtXylbenzene	<0.000566	U F1	0.0mm8	0.0um6m	F1	g K/7K		50	40 - 130	2	35
g -&ylene p s-&ylene	<0.00101	U F1	0.200	0.1151	F1	g K/7 K		58	40 - 130	18	35
o-&ylene	<0.0003u5	U	0.0mm8	0.04m44		g K/7 K		80	40 - 130	11	35

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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)

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	11:		70 - 130
1 124-i ¶uorobenzene (Surr)	: 2		70 - 130

Lab Sample ID: MB 880-28855/5-A

Matrix: Solid

Analysis Batch: 28967

(Client	Sample	ID: Me	thod	Blank

Prep Type: Total/NA

Prep Batch: 28855

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	g K/7K		04/01/22 12:24	04/0u/22 16:20	1
Tolhene	<0.000u56	U	0.00200	0.000u56	g K/7K		04/01/22 12:24	04/0u/22 16:20	1
EtXylbenzene	<0.000565	U	0.00200	0.000565	g K/7 K		04/01/22 12:24	04/0u/22 16:20	1
g -&ylene p s-&ylene	<0.00101	U	0.00u00	0.00101	g K/7 K		04/01/22 12:24	04/0u/22 16:20	1
o-&ylene	<0.0003uu	U	0.00200	0.0003uu	g K/7 K		04/01/22 12:24	04/0u/22 16:20	1
&ylene, 9Total	<0.00101	U	0.00u00	0.00101	g K/7 K		04/01/22 12:24	04/0u/22 16:20	1

MB MB

MB MB

Surrogate	%Recovery	Qualifier	Limits	,	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	07/	01/22 12527	07/04/22 1, 520	1
1월-i ¶uorobenzene (Surr)	: 2		70 - 130	07/	01/22 12527	07/04/22 1, 520	1

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

Matrix: Solid

Analysis Batch: 28967

Prep Type: Total/NA

Prep Batch: 28855

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.0m24u		g K/7 K		m8	40 - 130	
Tolhene	0.100	0.08m80		g K/7 K		8m	40 - 130	
EtXylbenzene	0.100	0.08mm2		g K/7 K		m0	40 - 130	
g -&ylene p s-&ylene	0.200	0.1836		g K/7K		m2	40 - 130	
o-&ylene	0.100	0.0muum		g K/7 K		mu	40 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	10C	70 - 130
1D4-i 9luorobenzene (Surr)	102	70 - 130

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

Matrix: Solid

Analysis Batch: 28967

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

Prep Batch: 28855

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.102m		g K/7 K		103	40 - 130	10	35
Tolhene	0.100	0.0m443		g K/7K		m8	40 - 130	m	35
EtXylbenzene	0.100	0.0mm14		g K/7K		mm	40 - 130	10	35
g -&ylene p s-&ylene	0.200	0.2013		g K/7K		101	40 - 130	m	35
o-&ylene	0.100	0.1025		g K/7K		102	40 - 130	8	35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	10C	70 - 130
1DI-i ¶uorobenzene (Surr)	102	70 - 130

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4

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8

10

13

14

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)

Lab Sample ID: 880-16516-21 MS

Matrix: Solid

Analysis Batch: 28967

Client Sample ID: S-27A

Prep Type: Total/NA Prep Batch: 28855

Spike MS MS Sample Sample Analyte Result Qualifier Added Result Qualifier %Rec Limits Unit Benzene <0.00038u U 0.100 0.1022 g K/7 K 102 40 - 130 Tolhene <0.000u55 U 0.100 0.0m40u g K/7 K 40 - 130 m4 EtXylbenzene <0.00056u U 0.100 0.0m820 40 - 130 g K/7 K m8 0.200 40 - 130 g -&ylene p s-&ylene <0.00101 U 0.1mm6 g K/7 K 100 0.100 <0.0003u3 U 0.1004 g K/7 K 100 40 - 130 o-&ylene

MS MS

Surrogate	%Recovery C	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1D4-i 9luorobenzene (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	<0.00038u	U	0.101	0.0m5um		g K/7 K		m5	40 - 130	4	35
Tolhene	<0.000u55	U	0.101	0.0m0u1		g K/7 K		m0	40 - 130	4	35
EtXylbenzene	<0.00056u	U	0.101	0.0n86u		g K/7 K		m8	40 - 130	5	35
g -&ylene p s-&ylene	<0.00101	U	0.202	0.18m8		g K/7K		mu	40 - 130	5	35
o-&ylene	<0.0003u3	U	0.101	0.0n540		g K/7 K		m5	40 - 130	5	35

MSD MSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	111	70 - 130
1D4-i 9luorobenzene (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

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ga, oline OanKe (rKanic,	<15.0	U	50.0	15.0	g K/7K		04/01/22 11:2u	04/03/22 22:01	1
)GO(*-C6-C10									
Die, el OanKe (rKanic,)(ver	<15.0	U	50.0	15.0	g K/7K		04/01/22 11:2u	04/03/22 22:01	1
C10-C28*									
(II OanKe (rKanic,)(ver C28-C36*	20.48	J	50.0	15.0	g K/7K		04/01/22 11:2u	04/03/22 22:01	1

мв мв

MD MD

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-c t lorooa6Tne	127		70 - 130	07/01/22 11524	07/03/22 22501	1
o-yer8t en+l	140	S1p	70 - 130	07/01/22 11524	07/03/22 22501	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 Added Result Qualifier Limits Analyte Unit %Rec 1000 802.5 80 40 - 130 Ga, oline OanKe (rKanic, g K/7 K

)GO(*-C6-C10

Job ID: 880-16516-1

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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Die, el OanKe (rKanic,)(ver	1000	mm4.u		g K/7 K		100	40 - 130	
C10-C28*								

	LCS LCS	
Surrogate	%Recovery Qualifier	Limits
1-c t lorooa6Tne	103	70 - 130
o-yer8t en+l	101	70 - 130

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

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

Spike LCSD LCSD %Rec RPD Result Qualifier Limit Analyte Added Unit D %Rec Limits **RPD** 1000 1052 105 40 - 130 Ga, oline OanKe (rKanic, g K/7 K 24)GO(*-C6-C10 Die, el OanKe (rKanic,)(ver 1000 1112 g K/7 K 111 40 - 130 11 20 C10-C28*

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-c t lorooa6Tne 11C 70 - 130 o-yer8t en+l 113 70 - 130

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

Analysis Batch: 28952

Prep Batch: 28837 Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits Ga, oline OanKe (rKanic, <15.0 U f1 mm6 m84.m g K/7 K mu 40 - 130)GO(*-C6-C10 <15.0 U mm6 820.5 g K/7 K 82 40 - 130 Die, el OanKe (rKanic,)(ver C10-C28*

MS MS Surrogate %Recovery Qualifier Limits 1-c t lorooa6Tne 10. 70 - 130

103

Lab Sample ID: 880-16516-1 MSD Client Sample ID: S-3A Prep Type: Total/NA

70 - 130

Matrix: Solid

o-yer8t en+l

Analysis Batch: 28952

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added RPD Limit Result Qualifier Unit %Rec Limits Ga, oline OanKe (rKanic, <15.0 Uf1 mm6 1104 g K/7 K 111 40 - 130 20)GO(*-C6-C10 <15.0 U 80 40 - 130 3 20 Die, el OanKe (rKanic,)(ver mm6 4mu.4 g K/7 K C10-C28*

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-c t lorooa6Tne	103		70 - 130
o-yer8t en+l	: h		70 - 130

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Prep Batch: 28837

MD MD

13, S1p

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

Project/Site: Bellatrix 28 Fed 01H

Matrix: Solid

Analysis Batch: 28950

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28839

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ga, oline OanKe (rKanic,	2u.06	J	50.0	15.0	g K/7 K		04/01/22 11:24	04/03/22 22:01	1
)GO(*-C6-C10									
Die, el OanKe (rKanic,)(ver	16.m8	J	50.0	15.0	g K/7 K		04/01/22 11:24	04/03/22 22:01	1
C10-C28*									
(II OanKe (rKanic,)(ver C28-C36*	<15.0	U	50.0	15.0	g K/7K		04/01/22 11:24	04/03/22 22:01	1
	МВ	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-c t lorooa6Tne	134	S1p	70 - 130				07/01/22 11527	07/03/22 22501	1

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

Matrix: Solid

o-yer8t en+l

Analysis Batch: 28950

Client Sample ID: Lab Control Sample

07/03/22 22501

07/01/22 11527

Prep Type: Total/NA Prep Batch: 28839

LCS LCS Spike %Rec Added Analyte Result Qualifier Unit D %Rec Limits 1000 10u0 g K/7 K 10u 40 - 130 Ga, oline OanKe (rKanic,)GO(*-C6-C10 1000 Die, el OanKe (rKanic,)(ver m16.2 g K/7 K m2 40 _ 130

70 - 130

C10-C28*

LCS LCS %Recovery Qualifier Limits Surrogate 1-c t lorooa6Tne 10C 70 - 130 o-yer8t en+l : h 70 - 130

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

Matrix: Solid

Analysis Batch: 28950

Client Sample	ID:	Lab	Contro	ol Sar	nple	Dup
				_	_	

Prep Type: Total/NA

Prep Batch: 28839

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Ga, oline OanKe (rKanic,	1000	m15.3		g K/7 K		m2	40 - 130	13	20
)GO(*-C6-C10									
Die, el OanKe (rKanic,)(ver	1000	80u.u		g K/7K		80	40 - 130	13	20
C10-C28*									

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
1-c t lorooa6Tne	: 7	70 - 130
o-yer8t en+l	h:	70 - 130

Lab Sample ID: 880-16516-21 MS

Matrix: Solid

Analysis Batch: 28950

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

Prep Batch: 28839

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ga, oline OanKe (rKanic,	24.4	JB	mm6	1124		g K/7 K		110	40 - 130	
)GO(*-C6-C10 Die, el OanKe (rKanic,)(ver C10-C28*	25.5	JB	mm6	10u2		g K/7 K		102	40 - 130	

Limits

70 - 130

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)

MS MS %Recovery Qualifier

S1p

Lab Sample ID: 880-16516-21 MS

Matrix: Solid

Surrogate

1-c t lorooa6Tne

Matrix: Solid

Matrix: Solid

Analysis Batch: 28973

Analysis Batch: 28950

Client Sample ID: S-27A

Prep Type: Total/NA

Prep Batch: 28839

o-yer8t en+l 134 S1p 70 - 130

Lab Sample ID: 880-16516-21 MSD

Lab Sample ID: MB 880-28906/1-A

Analysis Batch: 28950

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

Prep Batch: 28839

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 24.4 JB mm6 10um g K/7 K 103 40 - 130 4 20 Ga, oline OanKe (rKanic,)GO(*-C6-C10 Die, el OanKe (rKanic,)(ver m51.1 g K/7 K 25.5 JB mm6 mß 40 - 130 20 m C10-C28*

MSD MSD

Surrogate %Recovery Qualifier Limits 1-c t lorooa6Tne 133 S1p 70 - 130 70 - 130 o-yer8t en+l 121

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28906

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ga, oline OanKe (rKanic,	1m62	J	50.0	15.0	g K/7 K		04/01/22 16:31	04/0u/22 11:12	1
)GO(*-C6-C10									
Die, el OanKe (rKanic,)(ver	<15.0	U	50.0	15.0	g K/7 K		04/01/22 16:31	04/0u/22 11:12	1
C10-C28*									
(Il OanKe (rKanic,)(ver C28-C36*	20.52	J	50.0	15.0	g K/7 K		04/01/22 16:31	04/0u/22 11:12	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-c t lorooa6Tne	hC		70 - 130	07/01/22 1, 531	07/04/22 115/12	1
o-yer8t en+l	101		70 - 130	07/01/22 1, 531	07/04/22 115/12	1

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

Matrix: Solid

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	D	%Rec	Limits
Ga, oline OanKe (rKanic,	1000	815.5		g K/7 K		82	40 - 130
)GO(*-C6-C10							
Die, el OanKe(rKanic,)(ver	1000	m86.0		g K/7 K		mu	40 - 130
C10-C28*							

LCS LCS

Surrogate	%Recovery Qualifier	Limits
1-c t lorooa6Tne	: 3	70 - 130
o-yer8t en+l	::	70 - 130

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)

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

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

Analysis Batch: 28973 Prep Batch: 28906 LCCD LCCD

	Бріке	LCSD	LC2D				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Ga, oline OanKe (rKanic,	1000	843.m		g K/7 K		84	40 - 130	4	20
)GO(*-C6-C10									
Die, el OanKe (rKanic,)(ver	1000	1044		g K/7K		108	40 - 130	1u	20
C10-C28*									

LCSD LCSD Surrogate %Recovery Qualifier Limits 70 - 130 1-c t lorooa6Tne 10C o-yer8t en+l 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

MS MS %Rec Sample Sample Spike Result Qualifier Added Result Qualifier Unit %Rec Limits 40 - 130 Ga, oline OanKe (rKanic, <15.0 U F2 F1 mm6 488.0 g K/7 K 4m)GO(*-C6-C10 Die, el OanKe (rKanic,)(ver <15.0 U F1 mm6 41m3 g K/7 K 42 40 - 130 C10-C28*

MS MS Surrogate %Recovery Qualifier Limits 1-c t lorooa6Tne 70 - 130 : 1

o-yer8t en+l h7 70 - 130

Client Sample ID: WSW-5 Lab Sample ID: 880-16516-41 MSD **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 28973 Prep Batch: 28906

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Ga, oline OanKe (rKanic,	<15.0	U F2 F1	mm6	631.2	F1 F2	g K/7 K		63	40 - 130	22	20	
)GO(*-C6-C10												
Die, el OanKe (rKanic,)(ver	<15.0	U F1	mm6	6uu.6	F1	g K/7K		65	40 - 130	11	20	
C10-C28*												

MSD MSD Qualifier Limits Surrogate %Recovery

1-c t lorooa6Tne 77 70 - 130 7h 70 - 130 o-yer8t en+l

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-28862/1-A Client Sample ID: Method Blank

Matrix: Solid **Prep Type: Soluble** Analysis Batch: 28936

MB MB Analyte Result Qualifier RL MDL Unit Dil Fac Prepared Analyzed CXIoride <0.858 U 5.00 0.858 g K/7 K 04/03/22 01:20

Job ID: 880-16516-1

Client: Talon/LPE 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 **CXIoride** 250 25u.4 g K/7 K 102 m0 - 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 Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit **CXIoride** 250 253.8 g K/7K 102 m0 - 110 0

Lab Sample ID: 880-16534-A-8-G MS Client Sample ID: Matrix Spike

Matrix: Solid Prep Type: Soluble

Analysis Batch: 28936

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits CXIoride u.u2 250 268.0 g K/7 K 105 m0 - 110

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

Matrix: Solid

Analysis Batch: 28936

MSD MSD RPD Sample Sample Spike %Rec Result Qualifier Added Analyte Result Qualifier Unit %Rec Limits RPD Limit CXIoride u.u2 250 264.8 105 m0 - 110 20 g K/7K

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 04/02/22 1m54 CXIoride <0.858 U 0.858 g K/7 K

Lab Sample ID: LCS 880-28828/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 28942

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit %Rec Limits g K/7K CXIoride 250 251 4 101 m0 - 110

Lab Sample ID: LCSD 880-28828/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 28942

LCSD LCSD %Rec RPD Spike Added Result Qualifier Limits RPD Limit Analyte Unit %Rec CXIoride 250 250.4 g K/7K 100 m0 - 110

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

Matrix: Solid

Analysis Batch: 28942

MS MS %Rec Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits g K/7K **CXIoride** 6u.8 252 312.1 m8 m0 - 110

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Prep Type: Soluble

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

SDG: Eddy Co NM

Client Sample ID: S-3A

Prep Type: Soluble

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-16516-1 MSD

Matrix: Solid

Client: Talon/LPE

Analysis Batch: 28942

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
CXloride	6u.8		252	310.3		g K/7K		m4	m0 - 110	1	20

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		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
CXIoride	115		250	343.6		a K/7 K		10u	m0 - 110		_

Lab Sample ID: 880-16516-11 MSD Client Sample ID: S-17A Matrix: Solid **Prep Type: Soluble**

Analysis Batch: 28942

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
CXIoride	115		250	343.4		g K/7 K		10u	m0 ₋ 110	0	20

Lab Sample ID: MB 880-28829/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 28943

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١	Analyte	Result	Qualifier	RL	MDL	Unit	ı	D	Prepared	Analyzed	Dil Fac
	CXIoride	<0.858	U	5.00	0.858	g K/7 K				04/03/22 06:u2	1

Lab Sample ID: LCS 880-28829/2-A Client Sample ID: Lab Control Sample **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 28943

		Spike	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
CXIoride	 	250	258 1		a K/7 K		103	m0 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 %Rec Limits Limit **CXIoride** 250 258.m g K/7 K 10u m0 - 110

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

Matrix: Solid

Analysis Batch: 28943

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
CXloride	11u		2u8	345.4		a K/7 K		105	m0 - 110	

Lab Sample ID: 880-16516-21 MSD Client Sample ID: S-27A **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 28943											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
CXloride	11u			348.u		g K/7 K		106	m0 - 110	1	20

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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: 880-16516-31 MS **Client Sample ID: ESW-3**

Matrix: Solid Prep Type: Soluble Analysis Batch: 28943

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Analyte Unit %Rec Limits CXIoride 25.u 2u8 285.u g K/7K 105 m0 - 110

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

Matrix: Solid **Prep Type: Soluble** Analysis Batch: 28943

Sample Sample Spike MSD MSD %Rec RPD

Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit %Rec **CXIoride** 25.u 2u8 2m1.8 g K/7K 104 m0 - 110 2

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

GC VOA

Analysis Batch: 28820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
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
880-16516-4	1 WSW-5	Total/NA	Solid	5035	
880-16516-4	2 WSW-6	Total/NA	Solid	5035	
MB 880-288	50/5-A Method Blank	Total/NA	Solid	5035	
LCS 880-28	850/1-A Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2	8850/2-A Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 28852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
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 Bato
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

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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: 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 Batcl
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	
380-16516-4	S-7A	Total/NA	Solid	Total BTEX	
880-16516-5	S-8A	Total/NA	Solid	Total BTEX	
380-16516-6	S-11A	Total/NA	Solid	Total BTEX	
880-16516-7	S-13A	Total/NA	Solid	Total BTEX	
380-16516-8	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	
380-16516-11	S-17A	Total/NA	Solid	Total BTEX	
380-16516-12	S-18A	Total/NA	Solid	Total BTEX	
380-16516-13	S-19A	Total/NA	Solid	Total BTEX	
380-16516-14	S-20A	Total/NA	Solid	Total BTEX	
380-16516-15	S-21A	Total/NA	Solid	Total BTEX	
880-16516-16	S-22A	Total/NA	Solid	Total BTEX	
380-16516-17	S-23A	Total/NA	Solid	Total BTEX	
380-16516-18	S-24A	Total/NA	Solid	Total BTEX	

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 Batcl
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

Prep 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	
80-16516-7	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	
80-16516-10	S-16A	Total/NA	Solid	8015NM Prep	
880-16516-11	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	
880-16516-14	S-20A	Total/NA	Solid	8015NM Prep	
880-16516-15	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	
880-16516-18	S-24A	Total/NA	Solid	8015NM Prep	
80-16516-19	S-25A	Total/NA	Solid	8015NM Prep	
80-16516-20	S-26A	Total/NA	Solid	8015NM Prep	
/IB 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 Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H 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 Bato
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
880-16516-23 880-16516-24 880-16516-25 880-16516-26	S-29A S-30A S-31A S-32A	Total/NA Total/NA Total/NA Total/NA	Solid Solid Solid Solid	8015B NM 8015B NM 8015B NM 8015B NM	28 28 28 28

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 Batc
880-16516-1	S-3A	Total/NA	Solid	8015B NM	2883
880-16516-2	S-4A	Total/NA	Solid	8015B NM	2883
880-16516-3	S-6A	Total/NA	Solid	8015B NM	2883
880-16516-4	S-7A	Total/NA	Solid	8015B NM	2883
880-16516-5	S-8A	Total/NA	Solid	8015B NM	2883
880-16516-6	S-11A	Total/NA	Solid	8015B NM	2883
880-16516-7	S-13A	Total/NA	Solid	8015B NM	2883
880-16516-8	S-14A	Total/NA	Solid	8015B NM	2883
880-16516-9	S-15A	Total/NA	Solid	8015B NM	2883
880-16516-10	S-16A	Total/NA	Solid	8015B NM	2883
380-16516-11	S-17A	Total/NA	Solid	8015B NM	2883
880-16516-12	S-18A	Total/NA	Solid	8015B NM	2883
880-16516-13	S-19A	Total/NA	Solid	8015B NM	2883
880-16516-14	S-20A	Total/NA	Solid	8015B NM	2883
880-16516-15	S-21A	Total/NA	Solid	8015B NM	2883
880-16516-16	S-22A	Total/NA	Solid	8015B NM	2883
880-16516-17	S-23A	Total/NA	Solid	8015B NM	2883
880-16516-18	S-24A	Total/NA	Solid	8015B NM	2883
880-16516-19	S-25A	Total/NA	Solid	8015B NM	2883
880-16516-20	S-26A	Total/NA	Solid	8015B NM	2883
MB 880-28837/1-A	Method Blank	Total/NA	Solid	8015B NM	2883
_CS 880-28837/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	2883
LCSD 880-28837/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	2883
880-16516-1 MS	S-3A	Total/NA	Solid	8015B NM	2883
880-16516-1 MSD	S-3A	Total/NA	Solid	8015B NM	2883

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 Batcl
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	
380-16516-27	NSW-2	Soluble	Solid	DI Leach	
380-16516-28	NSW-3	Soluble	Solid	DI Leach	
380-16516-29	ESW-1	Soluble	Solid	DI Leach	
880-16516-30	ESW-2	Soluble	Solid	DI Leach	
380-16516-31	ESW-3	Soluble	Solid	DI Leach	
880-16516-32	ESW-4	Soluble	Solid	DI Leach	
880-16516-33	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	
880-16516-39	WSW-3	Soluble	Solid	DI Leach	
80-16516-40	WSW-4	Soluble	Solid	DI Leach	
MB 880-28829/1-A	Method Blank	Soluble	Solid	DI Leach	

Client: Talon/LPE

Job ID: 880-16516-1 Project/Site: Bellatrix 28 Fed 01H 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 Ratch: 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
880-16516-10	S-16A	Soluble	Solid	300.0	28828
880-16516-11	S-17A	Soluble	Solid	300.0	28828
880-16516-12	S-18A	Soluble	Solid	300.0	28828
880-16516-13	S-19A	Soluble	Solid	300.0	28828
880-16516-14	S-20A	Soluble	Solid	300.0	28828
880-16516-15	S-21A	Soluble	Solid	300.0	28828
880-16516-16	S-22A	Soluble	Solid	300.0	28828
880-16516-17	S-23A	Soluble	Solid	300.0	28828
880-16516-18	S-24A	Soluble	Solid	300.0	28828
880-16516-19	S-25A	Soluble	Solid	300.0	28828
880-16516-20	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

Lab Sample ID: 880-16516-1

Client Sample ID: S-3A

Date Collected: 06/30/22 11:48 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			4.99 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	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 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 Date Collected: 06/30/22 11:40 **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	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 **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	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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Lab Chronicle

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

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

	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	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	CH	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 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	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 MIC
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 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

Client Sample ID: S-13A Lab Sample ID: 880-16516-7

Date Collected: 06/30/22 11:20 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 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

1

2

3

5

7

4.0

12

14

Project/Site: Bellatrix 28 Fed 01H

SDG: Eddy Co NM

Job ID: 880-16516-1

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

	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	СН	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 **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			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	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 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	CH	XEN MID
Soluble	Analysis	300.0		1			28942	07/02/22 22:24	CH	XEN MID

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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

	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

	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	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 **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			4.95 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	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 15:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29074	07/05/22 16:02	AJ	XEN MID

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Released to Imaging: 10/26/2022 1:35:35 PM

Lab Chronicle

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

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

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 8015 NM Analysis 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 28952 07/04/22 04:30 AJ XEN MID 1 Soluble 5.02 g 28828 07/01/22 10:09 XEN MID Leach DI Leach 50 mL CH 28942 07/02/22 23:38 Soluble Analysis 300.0 1 CH XEN MID

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

	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 MIC
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

	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

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

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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.01 g	10 mL	28837 28952	07/01/22 11:24 07/04/22 05:31	DM AJ	XEN MID

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Matrix: Solid

Job ID: 880-16516-1

Project/Site: Bellatrix 28 Fed 01H SDG: Eddy Co NM Client Sample ID: S-23A Lab Sample ID: 880-16516-17

Date Collected: 06/30/22 12:58 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
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 **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 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 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	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	Type	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

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Matrix: Solid

Job ID: 880-16516-1

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

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

Date Collected: 06/30/22 13:35 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 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

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

	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	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

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

	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	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 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 00:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28829	07/01/22 10:15	CH	XEN MID
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 **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			4.96 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

Eurofins Midland

7/5/2022

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

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	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	CH	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 **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			4.97 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 **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 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

Client Sample ID: NSW-2 Lab Sample ID: 880-16516-27

Date Collected: 06/30/22 13:10 **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			5.05 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

Job ID: 880-16516-1

SDG: Eddy Co NM

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

Client Sample ID: NSW-2 Lab Sample ID: 880-16516-27

Date Collected: 06/30/22 13:10 **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 Soluble DI Leach 28829 Leach 5.01 g 50 mL 07/01/22 10:15 СН XEN MID 300.0 07/03/22 08:42 Soluble Analysis 1 28943 СН 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 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			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 **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			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

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

Client Sample ID: ESW-3

Date Collected: 06/30/22 13:12 Date Received: 07/01/22 08:12 Lab Sample ID: 880-16516-31 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 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 Matrix: Solid

Date Collected: 06/30/22 13:14 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	28855	07/01/22 12:27	MR	XEN MIC
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 21:29	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 03:50	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28829	07/01/22 10:15	CH	XEN MI
Soluble	Analysis	300.0		1			28943	07/03/22 09:47	CH	XEN MI

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

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		
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			10.01 g	10 mL	28839	07/01/22 11:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28950	07/04/22 04:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28829	07/01/22 10:15	CH	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 10:24	CH	XEN MID

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

Matrix: Solid

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

Batch Batch Dil Initial Final Batch Prepared Prep Type Method Amount Amount Number or Analyzed Type Run Factor Analyst Lab 5035 Total/NA Prep 5.01 g 5 mL 28855 07/01/22 12:27 MR XEN MID Total/NA Analysis 8021B 5 mL 5 mL 28967 07/04/22 22:31 AJ XEN MID 1 Total/NA Total BTEX 29074 XEN MID Analysis 1 07/05/22 16:02 AJ Total/NA Analysis 8015 NM 29025 07/05/22 11:42 XEN MID AJ XEN MID Total/NA Prep 8015NM Prep 10.02 g 10 mL 28839 07/01/22 11:27 DM Total/NA Analysis 8015B NM 28950 07/04/22 04:50 AJ XEN MID 1 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 10:33 CH XEN MID

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

	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	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 **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 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

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

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

Lab Sample ID: 880-16516-37

Client Sample ID: WSW-1 Date Collected: 06/30/22 12:25 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
Soluble	Leach	DI Leach			5.02 g	50 mL	28829	07/01/22 10:15	СН	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	Type	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 MIC
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 **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			4.95 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 **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 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	CH	XEN MID
Soluble	Analysis	300.0		1			28943	07/03/22 11:19	CH	XEN MID

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

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			5.03 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

Date Collected: 06/30/22 13:50

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	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 MID
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

Released to Imaging: 10/26/2022 1:35:35 PM

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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.

		ogram	Identification Number	Expiration Date	
Texas		ELAP	T104704400-22-23	06-30-23	
The following analytes	are included in this report. hu	it the laboratory is not cortifi	ed by the governing authority. This list ma	v include analytee for y	
the agency does not of	• •	it the laboratory is not certifi	ed by the governing admonty. This list his	ay include analytes for v	
0 ,	• •	Matrix	Analyte	ay include analytes for v	
the agency does not of	fer certification.	•	, , ,	ay include analytes for v	

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Method Summary

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

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

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	
880-16516-19	S-25A	Solid	06/30/22 12:52	07/01/22 08:12	
880-16516-20	S-26A	Solid	06/30/22 12:50	07/01/22 08:12	
880-16516-21	S-27A	Solid	06/30/22 13:35	07/01/22 08:12	
880-16516-22	S-28A	Solid	06/30/22 13:38	07/01/22 08:12	
880-16516-23	S-29A	Solid	06/30/22 13:40	07/01/22 08:12	
880-16516-24	S-30A	Solid	06/30/22 13:42	07/01/22 08:12	
880-16516-25	S-31A	Solid	06/30/22 13:46	07/01/22 08:12	
880-16516-26	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	
880-16516-28	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	
880-16516-42	WSW-6	Solid	06/30/22 13:50	07/01/22 08:12	

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>> Select a Laboratory or Service Center <<			Chain	Chain of Custody Record		And Management of the Control of the	22
#NIA Direct Bill	Devon Energy		ref. wo#	104 21005322		es.	5/20
#N/A	Regulatory Program:	ogram: Dw	NPDES	RCRA Other	880-16516 Chain of Custody		7/
	Project Manager:					COC No	
Client Contact	Email: ktaylor@talonlpe.com	pe.com		Site Contact:	Date:	of S cocs	
Talon LPE	Tel/Fax:				Carrier:	TALS Project #:	
408 W Texas Ave	Analysis 1	Analysis Turnaround Time				1	
Artesia, NM	CALENDAR DAYS	WORKING DAYS	DAYS			For Lab Use Only:	
432-210-5443 Phone	TAT if different from Below	from Below		N)		Walk-in Client:	
(xxx) xxx-xxxx FAX		2 weeks		Y /		Lab Sampling	
Project Name Bellatrix 28 Fed 01H		1 week					
Site Eddy County, NM	<	2 days		/ISD		leb (epo No	
P O # 21005322		1 day		S / N 300.		SCO NO	
		Sample		ed Sa rm M ides (8021 8015M			
Sample Identification	Date Time	(C=Comp, G=Grab) Ma	Matrix Cont.	Perf Chlo BTE		Sample Specific Notes	
S-1A	6/30/22		4	<			
S-2A	6/30/22	H	\$				
S-3A	6/30/22 11118	C	S	_			
S-4A	6/30/22	c	S	< >			f 84
0.54	0/90/22	?		 			9 c
	+-	T		×××			e 7
S-6A	6/30/22 1140	C	S	×××			age
S-7A	6/30/22 1138	С	S	×			P
S-8A	6/30/22 1135	С	S	×××			
X-9A	6/30/22	,	S	*			
\$ 10A	6/30/22	C	\$	×			
S-11A	6/30/22 11 2.5	C	S 1				14
S-12A	6/30/22	c	9				5 D
tion Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3;	5=NaOH; 6= Other	-		>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>			5.2
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Pleas Comments Section if the lab is to dispose of the sample	Please List any EPA Waste Codes for the sample in the	e Codes for the	sample in the	Sample Disposal (A	fee may be assessed if samples are retained	are retained longer than 1 month)	22 1.2
Non-Hazard Flammable Skin Irritant	Poison B	Unknown		Return to Client Dispo	Disposal by Lab Archive for	Months	/24
Special Instructions/QC Requirements & Comments:						0.4/0·2	a. 10/26
tact: Yes No	Custody Seal No			<pre>// Cooler Temp (°C) Obs'd</pre>	Corr'd	Therm ID No	
I la Similar	Talon LDE	Da 74	Date/Time プイレンコン	Receive by BMO	Company:	ha eclimina	T
Relinquished by: 1	Company:	Da	Date/Time	Received by:	Company:	Date/Time	d to
Relinquished by:	Company:	Da	Date/Time	Received in Laboratory by:	Company:	Date/Time	

S-24A S-23A S-22A S-21A S-20A S-19A S-18A S-17A S-16A S-15A S-14A S-13A #N/A

Artesia, NM

alon LPE

>> Select a Laboratory or Service Center <<

Chain of Custody Record

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ins	

7/5/2022

Special Instructions/QC Requirements & Comments: Relinquished by: Relinquished by 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 408 W Texas Ave Comments Section if the lab is to dispose of the sample Site Eddy County, NM xxx) xxx-xxxx F₄
Project Name Bellatrix 28 Fed 01H 132-210-5443 Custody Seals Intact Janished by: Sample Identification Client Contact Phone Yes 8 Company. 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 Tel/Fax: 6/30/22 Sample CALENDAR DAYS Regulatory Program: TAT if different from Below **Analysis Turnaround Time** 0111 とのひ いの口 205 200 255 1103 1300 =5 Sample 258 120 Time 1 day 2 days 1 week 2 weeks Sample Type (C=Comp, G=Grab) C C O C C O C C O C C ဂ WORKING DAYS DW Date/Time 7-1-22 Matrix Date/Time Date/Time S S S S S S S S S S S S NPDES # of _ 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 \times \times × × × × × × × × $\overline{\times}$ × **BTEX 8021** × × × $\overline{\times}$ × × $\overline{\times}$ Other TPH 8015M (°C) Obs'd Date: Carrier: Company: Company: Company Corr'd Walk-in Client: For Lab Use Only: **Eurofins Environment Testing America** Lab Sampling Date/Time Date/Time Date/Time Therm ID No Job / SDG No TALS Project # COC No Sample Specific Notes of M COCs Page 80 of 84 Released to Imaging: 10/26/2022 1:35:35 PM

#N/A

>> Select a Laboratory or Service Center <<

Chain of Custody Record

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eurofins	

לער הונס הא נסטונים

(70 5/2022

#WA	Regulatory Program:	ogram: Dw	V NPDES	RCRA Other		Eurofins Environment Testing America
	Project Manager:					COC No
Client Contact	Email. ktaylor@talonlpe.com	lpe.com		Site Contact:	Date:	5 of 5 cocs
Talon LPE	Tel/Fax:			Lab Contact:	Carrier:	#
408 W Texas Ave		Analysis Turnaround Time	ne			Sampler:
Artesia, NM	CALENDAR DAYS	WORKING DAYS	G DAYS			For Lab Use Only:
432-210-5443 Phone	TAT if different from Below	from Below		N)		Walk-in Client
		2 weeks				Lab Sampling
Bellatrix 28 Fed 01][Camping
Site Eddy County, NM		1 week		SD		
P O # 21005322		z udys		/ M		Job / SDG No
T O # 41003344	•	1 day		30 1		
		Sample		rm M ides 802		
Sample Identification	Sample Sample Date Time	(C=Comp, G=Grab)	# of Matrix Cont.	Filtere Perfor Chlori BTEX TPH 8		Sample Specific Notes
S-25A	6/30/22 252	ဂ	s -	× ×		
S-26A	6/30/22 250	C	S 1	×		
S-27A	6/30/22 1335	C	S	×		
S-28A	6/30/22 338	C	S	×		f 84
S-29A	6/30/22 JJ4D	င	s -			81 c
S-30A	6/30/22 1342	C	s -	×		nge
S-31A	6/30/22 1346	c	S	×		D
S-32A	6/30/22 1344	c	S	× ×		
H-WSN	6/30/22	С	5	×		
NSW-2	6/30/22 1316	С	σ <u>-</u>	× ×		
NSW-S	6/30/22 1352	င	S 1	×××		
ESW-1	6/30/22 12/5	C	S	×××		
HCI; 3= H2SO4; 4=HNO3;	5=NaOH; 6= Other					
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 EPA Wast	te Codes for the	sample in th	Sample Disposal	(A fee may be assessed if samples are retained longer than 1 month)	ned longer than 1 month)
Non-Hazard Flammable Skin Irritant	Poison B	Unknown		Return to Client	Disposal by Lab Archive for_	Months
Special Instructions/QC Requirements & Comments:						
Custody Seals Intact.	Custody Seal No			Cooler Temp (°C) C	Obs'd Corr'd	Therm ID No
Religious de James (1)	Talon LPE	D.	Date/Time	Received by M.C.	Company:	Date/Time
Relinquished by:	Company:	Q	Date/Time	Received by:	Company:	Date/Time
Relinquished by:	Company:	D;	Date/Time	Received in Laboratory by:	Company:	Date/Time

Chain of Custody Record

>> Select a Laboratory or Service Center <<		Chain o	Chain of Custody Record		
#N/A				2	FU 07877 8 8/202
#N/A ##	Regulatory Program:	Nonec			
	Project Manager:	- 1.			COC No
Client Contact	Email: ktaylor@talonlpe com	(0)	Site Contact:	Date:	4 of S cocs
Talon LPE	Tel/Fax:			Carrier:	t#
408 W Texas Ave	Analysis Turnaround Time				Sampler:
	CALENDAR DAYS W	WORKING DAYS			For Lab Use Only:
Pho	TAT if different from Below		N)		Walk-in Client.
(xxx) xxx-xxxx FAX	2 weeks	M			Lab Sampling
Project Name Bellatrix 28 Fed 01H	1 week				
Site Eddy County, NM		lo (VISE		Joh / SDG No
P O # 21005322	1 day		S / I 300.		000 / 000 (NO
	1		MS 9s 3 021		
Sample Identification			erform hloride TEX 80		
ESW-2	2 1225	n	× (cample specific Notes
ESW-3			×		
ESW-4	6/30/22 JIK C	s 1	×		
ESW-5	6/30/22 13SS c	σ -	×		
SSW-1	6/30/22 J235 c	S 1	×		
SSW-2	6/30/22 1316 c	s 1	×		age
SSW-3	6/30/22 348 c	σ -1	×		
WSW-1	6/30/22 122S c	S 1	×		
WSW-2	6/30/22 123b c	s 1	×		
WSW-3	6/30/22 1232 c	S 1	× × ×		
WSW-4	6/30/22 13\8 c	s 1	× ×		
WSW-5		S 1	×		
Preservation Used: 1= lce, 2= HCl; 3= H2SO4; 4=HNO3;	5=NaOH; 6= Other				
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Plea Comments Section if the lab is to dispose of the sample	Please List any EPA Waste Codes for the sample in the	for the sample in the	Sample Disposal (A fee may be	al (A fee may be assessed if samples are retained longer than 1 month)	ned longer than 1 month)
Non-Hazard Rammable Skin Irritant	Poison B Un	Jnknown	Return to Client Disc	Disposal by Lab Archive for	Months
Special instructions/QC Requirements & Comments:					
Custody Seals Infact Yes No	Custody Seal No		/) Cooler Temp (°C) Obs'd	'd Corr'd	Therm ID No
Relinquished by (M) D AM (I)	TAION LPE	Date/Time	Received by UAM	Company:	Date/Time
Reiniquisned by	Company:	Date/Time	Received by:	Company:	Date/Time
Relinquished by	Company:	Date/Time	Redeived in Laboratory by	Company:	Date/Time

About LPE Collection Contact Collection Collect	##	Regulatory F Project Manager:	Regulatory Program:	am: Dw	NPDES		RCRA	-	Other	ьē			1				ĺ						<u> </u>	Ö	Eurofins Environment Testing America	ğ	Vin.	Sign 1	me.	2	Teg	i sti	og .	≩	ē	₫.
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Custody Seat No. Company Date/Time C	408 W Texas Ave		nalysis Turn	around Tin	Te	7			4	\dashv	\dashv	\dashv	\dashv	- 5	┦┋	٦.	7	\dashv	\dashv	\dashv	\dashv	\dashv		an P	함	- Oc	3	#	-							
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7/5/2022

Login Sample Receipt Checklist

Client: Talon/LPE Job Number: 880-16516-1 SDG Number: Eddy Co NM

List Source: Eurofins Midland Login Number: 16516

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	



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:

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

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.

Project/Site: Bellatrix 28 Fed 01H

Client: Talon/LPE

Laboratory Job ID: 880-16557-1 SDG: Eddy County NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	11
QC Sample Results	12
QC Association Summary	18
Lab Chronicle	21
Certification Summary	24
Method Summary	25
Sample Summary	26
Chain of Custody	27
Receipt Checklists	28

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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
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
В	Compound was found in the blank and sample.
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.
LIBL O/IO	

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.
п	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 Minimum Level (Dioxin) Most Probable Number MPN MQL Method Quantitation Limit NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present PQL Practical Quantitation Limit

Presumptive **PRES** QC **Quality Control**

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

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 Fa
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 BTE	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	
Method: 8015 NM - Diesel Rang	e Organics (DR	O) (GC)							
Analyte	-	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	87.3		49.9	15.0	mg/Kg			07/08/22 13:17	,
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	29.4	JB	49.9	15.0	mg/Kg		07/05/22 14:48	07/07/22 11:45	
Diesel Range Organics (Over C10-C28)	41.8	J	49.9	15.0	mg/Kg		07/05/22 14:48	07/07/22 11:45	
Oll Range Organics (Over C28-C36)	16.1	JB	49.9	15.0	mg/Kg		07/05/22 14:48	07/07/22 11:45	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	112		70 - 130				07/05/22 14:48	07/07/22 11:45	
o-Terphenyl	118		70 - 130				07/05/22 14:48	07/07/22 11:45	
Method: 300.0 - Anions, Ion Ch	romatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa

Client Sample ID: S-2A

Date Collected: 07/01/22 11:02

Lab Sample ID: 880-16557-2

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

Eurofins Midland

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Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

Job ID: 880-16557-1 SDG: Eddy County NM

Lab Sample ID: 880-16557-2

Matrix: Solid

Client Sample ID: S-2A

Date Collected: 07/01/22 11:02 Date Received: 07/01/22 16:40

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 (DI	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	43.3	JB	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)									
OII 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	0 . ,	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.2		4.99	0.857	mg/Kg			07/08/22 08:44	1

Lab Sample ID: 880-16557-3 Client Sample ID: S-5A **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 Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		07/07/22 15:28	07/07/22 17:30	1
Toluene	< 0.000459	U	0.00201	0.000459	mg/Kg		07/07/22 15:28	07/07/22 17:30	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		07/07/22 15:28	07/07/22 17:30	1
m-Xylene & p-Xylene	<0.00102	U	0.00402	0.00102	mg/Kg		07/07/22 15:28	07/07/22 17:30	1
o-Xylene	< 0.000346	U	0.00201	0.000346	mg/Kg		07/07/22 15:28	07/07/22 17:30	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		07/07/22 15:28	07/07/22 17:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				07/07/22 15:28	07/07/22 17:30	1
1,4-Difluorobenzene (Surr) : : Method: Total BTEX - Total BT			70 - 130				07/07/22 15:28	07/07/22 17:30	•
	EX Calculation	Qualifier	70 ₋ 130	MDL	Unit	D	07/07/22 15:28 Prepared	07/07/22 17:30 Analyzed	1 Dil Fac
Method: Total BTEX - Total BT	EX Calculation			MDL 0.00102		<u>D</u>			Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Rang	EX Calculation Result <0.00102 ge Organics (DR	U (GC)	RL 0.00402	0.00102	mg/Kg		Prepared	Analyzed 07/08/22 10:17	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte	EX Calculation Result <0.00102 ge Organics (DR) Result	U	RL 0.00402	0.00102 MDL	mg/Kg	<u>D</u>		Analyzed 07/08/22 10:17 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Rang	EX Calculation Result <0.00102 ge Organics (DR	U (GC)	RL 0.00402	0.00102	mg/Kg		Prepared	Analyzed 07/08/22 10:17	Dil Fac
Method: Total BTEX - Total BTI 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		Prepared	Analyzed 07/08/22 10:17 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 <0.00102 ge Organics (DR) Result 67.8 nge Organics (D	O) (GC) Qualifier	RL 0.00402	0.00102 MDL 14.9	mg/Kg		Prepared	Analyzed 07/08/22 10:17 Analyzed	Dil Fac
Method: Total BTEX - Total BTI 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 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

Client: Talon/LPE Job ID: 880-16557-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy County NM

Client Sample ID: S-5A Lab Sample ID: 880-16557-3

Date Collected: 07/01/22 11:08 Matrix: Solid Date Received: 07/01/22 16:40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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-Terphenyl	106		70 - 130				07/05/22 14:48	07/07/22 13:11	1

Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Analyte 4.98 0.855 mg/Kg 07/08/22 08:53 Chloride 147

Client Sample ID: S-9A Lab Sample ID: 880-16557-4 Date Collected: 07/01/22 11:10 Matrix: Solid

Date Received: 07/01/22 16:40

Analyte	Result	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 BTI	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00102	U	0.00403	0.00102	mg/Kg			07/08/22 10:17	
Method: 8015 NM - Diesel Rang	ge Organics (DR)	O) (GC)							
Analyte	,	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	84.3		49.8	14.9	mg/Kg			07/08/22 13:17	
Method: 8015B NM - Diesel Ra	nge Organics (D	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	46.9	JB	49.8	14.9	mg/Kg		07/05/22 14:48	07/07/22 13:32	
Diesel Range Organics (Over	22.2	J	49.8	14.9	mg/Kg		07/05/22 14:48	07/07/22 13:32	
C10-C28) OII Range Organics (Over C28-C36)	15.2	JB	49.8	14.9	mg/Kg		07/05/22 14:48	07/07/22 13:32	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	102		70 - 130				07/05/22 14:48	07/07/22 13:32	
o-Terphenyl	110		70 - 130				07/05/22 14:48	07/07/22 13:32	
Method: 300.0 - Anions, Ion Ch	romatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	23.6		4.97		mg/Kg			07/08/22 09:02	

Client: Talon/LPE 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	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	44.9	J B	49.9	15.0	mg/Kg		07/05/22 14:48	07/07/22 13:54	
3 3									1
(GRO)-C6-C10 Diesel Range Organics (Over	21.6	J	49.9		mg/Kg		07/05/22 14:48	07/07/22 13:54	1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	21.6	J		15.0			07/05/22 14:48	07/07/22 13:54	
(GRO)-C6-C10 Diesel Range Organics (Over	21.6 <15.0			15.0	mg/Kg mg/Kg		07/05/22 14:48 07/05/22 14:48	07/07/22 13:54 07/07/22 13:54	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate		U	49.9 49.9 <i>Limits</i>	15.0			07/05/22 14:48 Prepared	07/07/22 13:54 Analyzed	1 1 <i>Dil Fac</i>
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<15.0	U	49.9 49.9	15.0			07/05/22 14:48	07/07/22 13:54	1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<15.0	U	49.9 49.9 <i>Limits</i>	15.0			07/05/22 14:48 Prepared	07/07/22 13:54 Analyzed	1 1 Dil Fac
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<15.0	U Qualifier	49.9 49.9 <u>Limits</u> 70 - 130	15.0			07/05/22 14:48 Prepared 07/05/22 14:48	07/07/22 13:54 Analyzed 07/07/22 13:54	1 1 <i>Dil Fac</i>

Client Sample ID: S-12A Lab Sample ID: 880-16557-6 Date Collected: 07/01/22 11:15 **Matrix: Solid**

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

Client: Talon/LPE Job ID: 880-16557-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy County NM

Client Sample ID: S-12A

Lab Sample ID: 880-16557-6 Date Collected: 07/01/22 11:15

Matrix: Solid

Date Received: 07/01/22 16:40

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	•	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 (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	44.0	JB	49.8	14.9	mg/Kg		07/05/22 14:48	07/07/22 14:16	1
(GRO)-C6-C10									
Diesel Range Organics (Over	19.3	J	49.8	14.9	mg/Kg		07/05/22 14:48	07/07/22 14:16	1
C10-C28)									
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
Chloride	17.2		4.95	0.850	mg/Kg			07/08/22 09:39	

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

Released to Imaging: 10/26/2022 1:35:35 PM

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
	96 Calculation		70 - 130				07/07/22 10:17	07/07/22 13:41	1
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BTEX Analyte	Calculation Result	Qualifier	RL		Unit	D	07/07/22 10:17 Prepared	Analyzed	
Method: Total BTEX - Total BTEX Analyte Total BTEX	Calculation Result <0.00101	U		MDL 0.00101	Unit mg/Kg	<u>D</u>			Dil Fac
Method: Total BTEX - Total BTEX Analyte	Calculation Result <0.00101 Organics (DR	U (GC)	RL 0.00399	0.00101	mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTEX Analyte Total BTEX	Calculation Result <0.00101 Organics (DR	U	RL	0.00101		<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTEX Analyte Total BTEX Method: 8015 NM - Diesel Range (Calculation Result <0.00101 Organics (DR	U (GC)	RL 0.00399	0.00101	mg/Kg		Prepared	Analyzed 07/08/22 10:17	Dil Fac
Method: Total BTEX - Total BTEX (Analyte Total BTEX Method: 8015 NM - Diesel Range (Analyte	Calculation Result <0.00101 Organics (DR Result 52.3	O) (GC) Qualifier	RL 0.00399	0.00101 MDL	mg/Kg		Prepared	Analyzed 07/08/22 10:17 Analyzed	Dil Fac
Method: Total BTEX - Total BTEX (Analyte Total BTEX Method: 8015 NM - Diesel Range (Analyte Total TPH Method: 8015B NM - Diesel Range	Calculation Result <0.00101 Organics (DR Result 52.3 Organics (D	O) (GC) Qualifier	RL 0.00399	0.00101 MDL 15.0	mg/Kg		Prepared	Analyzed 07/08/22 10:17 Analyzed	Dil Fac
Method: Total BTEX - Total BTEX (Analyte Total BTEX Method: 8015 NM - Diesel Range (Analyte Total TPH	Calculation Result <0.00101 Organics (DR Result 52.3 Organics (D	O) (GC) Qualifier RO) (GC) Qualifier	RL 0.00399 RL 49.9	0.00101 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 07/08/22 10:17 Analyzed 07/08/22 13:17	Dil Fac

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Matrix: Solid

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 Chromatography - 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

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2

4

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10

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13

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

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
_ab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-16557-1	S-1A	109	99	
380-16557-2	S-2A	111	99	
380-16557-3	S-5A	113	91	
380-16557-4	S-9A	116	100	
380-16557-5	S-10A	112	103	
380-16557-5 MS	S-10A	111	103	
880-16557-5 MSD	S-10A	108	98	
880-16557-6	S-12A	109	99	
380-16557-7	NSW-1	115	96	
390-2475-A-1-G MS	Matrix Spike	110	102	
390-2475-A-1-H MSD	Matrix Spike Duplicate	109	99	
CS 880-28904/1-A	Lab Control Sample	107	101	
CS 880-29191/1-A	Lab Control Sample	105	100	
CSD 880-28904/2-A	Lab Control Sample Dup	107	100	
CSD 880-29191/2-A	Lab Control Sample Dup	109	97	
MB 880-28904/5-A	Method Blank	96	87	
	Method Blank	103	99	

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
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	
	Method Blank	116	125	

OTPH = o-Terphenyl

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)

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

	IVIB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		07/01/22 15:28	07/07/22 12:00	
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		07/01/22 15:28	07/07/22 12:00	
Et9ylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		07/01/22 15:28	07/07/22 12:00	
m-hylene X &-hylene	<0.00101	U	0.00400	0.00101	mg/Kg		07/01/22 15:28	07/07/22 12:00	
o-hylene	<0.000344	U	0.00200	0.000344	mg/Kg		07/01/22 15:28	07/07/22 12:00	
hylenepsTotal	<0.00101	U	0.00400	0.00101	mg/Kg		07/01/22 15:28	07/07/22 12:00	

MB MB

MD MD

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	10		97 - 3/7	79273255 38:56	79279255 35:77	3
3,4-Difluorobenzene (Surr)	69		97 - 3/7	792/3255 38:56	79279255 35:77	3

Lab Sample ID: LCS 880-28904/1-A Client Sample ID: Lab Control Sample

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	0.0, 844		mg/Kg		, 8	70 - 130	
Et9ylbenzene	0.100	0.102,		mg/Kg		103	70 - 130	
m-hylene X &-hylene	0.200	0.2124		mg/Kg		106	70 - 130	
o-h ylene	0.100	0.1048		mg/Kg		105	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	379	97 - 3/ 7
3,4-Difluorobenzene (Surr)	373	97 - 3/7

Lab Sample ID: LCSD 880-28904/2-A

Matrix: Solid

Analysis Batch: 29172

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

Prep Batch: 28904

	Spike	LCSD LCS	SD .			%Rec		RPD
Analyte	Added	Result Qua	lifier Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.104,	mg/Kg		105	70 - 130	3	35
Toluene	0.100	0.1030	mg/Kg		103	70 - 130	5	35
Et9ylbenzene	0.100	0.1077	mg/Kg		108	70 - 130	5	35
m-hylene X &-hylene	0.200	0.2212	mg/Kg		111	70 - 130	4	35
o-h ylene	0.100	0.10, 4	mg/Kg		10,	70 - 130	4	35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	379	97 - 3/7
3,4-Difluorobenzene (Surr)	377	97 _ 3/ 7

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	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.000387	U	0.101	0.0, , 51		mg/Kg		, ,	70 - 130	
Toluene	<0.00045,	U	0.101	0.0, 548		mg/Kg		, 5	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 Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Et9ylbenzene <0.000568 U 0.101 0.0, 8, 2 , 8 70 - 130 mg/Kg m-hylene X &-hylene <0.00102 U 0.202 0.2043 mg/Kg 101 70 - 130 0.101 o-hylene <0.000346 U 0.100, mg/Kg 100 70 - 130

MS MS

Surrogate	%Recovery Qualifie	r Limits
4-Bromofluorobenzene (Surr)	337	97 - 3/ 7
3,4-Difluorobenzene (Surr)	375	97 - 3/7

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 28904

Lab Sample ID: 890-2475-A-1-H MSD **Matrix: Solid**

Analysis Batch: 29172

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Added Result Qualifier RPD Limit Analyte Unit %Rec Limits 0.100 Benzene <0.000387 U 0.0, 182 mg/Kg , 2 70 - 130 8 35 Toluene 0.08800 <0.00045, 0.100 mg/Kg 88 70 - 130 8 35 Et9ylbenzene <0.000568 U 0.100 0.08801 mg/Kg 88 70 - 130 12 35 <0.00102 U 0.200 0.1817 70 - 130 35 m-hylene X &-hylene mg/Kg , 1 12 0.100 o-hylene <0.000346 U 0.0, 018 70 - 130 mg/Kg , 0 11

MSD MSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	371	97 _ 3/ 7
3 4-Difluorobenzene (Surr)	11	97 3/7

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

MB MB

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
Et9ylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		07/07/22 10:17	07/07/22 12:31	1
m-hylene X &-hylene	<0.00101	U	0.00400	0.00101	mg/Kg		07/07/22 10:17	07/07/22 12:31	1
o-hylene	<0.000344	U	0.00200	0.000344	mg/Kg		07/07/22 10:17	07/07/22 12:31	1
hylenepsTotal	<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)	37/		97 - 3/ 7	79279255 37:39	79279255 35:/ 3	3
3,4-Difluorobenzene (Surr)	11		97 - 3/7	79279255 37:39	79279255 35:/ 3	3

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	Unit	D	%Rec	Limits
Benzene	0.100	0.0, 870		mg/Kg		, ,	70 - 130
Toluene	0.100	0.1043		mg/Kg		104	70 - 130
Et9ylbenzene	0.100	0.08, 58		mg/Kg		, 0	70 - 130
m-hylene X &-hylene	0.200	0.1825		mg/Kg		, 1	70 - 130

3,4-Difluorobenzene (Surr)

4-Bromofluorobenzene (Surr)

3,4-Difluorobenzene (Surr)

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: LCS 880-29191/1-A Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Total/NA **Analysis Batch: 29173** Prep Batch: 29191 LCS LCS Snike %Rec

	Орико	200					701100	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
o-h ylene	0.100	0.1042		mg/Kg		104	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	378		97 - 3/7
3,4-Difluorobenzene (Surr)	377		97 - 3/7

19

333

37/

Lab Sample ID: LCSD 880-29191/2-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA **Analysis Batch: 29173** Prep Batch: 29191

Spike	LCSD	LCSD				%Rec		RPD
Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
0.100	0.0, 476		mg/Kg		, 5	70 - 130	4	35
0.100	0.1077		mg/Kg		108	70 - 130	3	35
0.100	0.0, 471		mg/Kg		, 5	70 - 130	6	35
0.200	0.1, 42		mg/Kg		, 7	70 - 130	6	35
0.100	0.1100		mg/Kg		110	70 - 130	5	35
	Added 0.100 0.100 0.100 0.100 0.200	Added Result 0.100 0.0, 476 0.100 0.1077 0.100 0.0, 471 0.200 0.1, 42	Added Result Qualifier 0.100 0.0, 476 0.100 0.1077 0.100 0.0, 471 0.200 0.1, 42	Added Result Qualifier Unit 0.100 0.0, 476 mg/Kg 0.100 0.1077 mg/Kg 0.100 0.0, 471 mg/Kg 0.200 0.1, 42 mg/Kg	Added Result Qualifier Unit D 0.100 0.0, 476 mg/Kg 0.100 0.1077 mg/Kg 0.100 0.0, 471 mg/Kg 0.200 0.1, 42 mg/Kg	Added Result Qualifier Unit D %Rec 0.100 0.0, 476 mg/Kg , 5 0.100 0.1077 mg/Kg 108 0.100 0.0, 471 mg/Kg , 5 0.200 0.1, 42 mg/Kg , 7	Added Result Qualifier Unit D %Rec Limits 0.100 0.0, 476 mg/Kg , 5 70 - 130 0.100 0.1077 mg/Kg 108 70 - 130 0.100 0.0, 471 mg/Kg , 5 70 - 130 0.200 0.1, 42 mg/Kg , 7 70 - 130	Added Result Qualifier Unit D %Rec Limits RPD 0.100 0.0, 476 mg/Kg ,5 70 - 130 4 0.100 0.1077 mg/Kg 108 70 - 130 3 0.100 0.0, 471 mg/Kg ,5 70 - 130 6 0.200 0.1, 42 mg/Kg ,7 70 - 130 6

,				,	0 0	,		
m-hylene X &-hylene			0.200	0.1, 42	mg/Kg	, 7	70 - 130	6
o-h ylene			0.100	0.1100	mg/Kg	110	70 - 130	5
	LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)	371		97 3/7					

97 - 3/7

Lab Sample ID: 880-16557-5 MS Client Sample ID: S-10A Matrix: Solid Prep Type: Total/NA

Analysis Batch: 29173 Prep Batch: 29191

		Sample	Sample	Spike	MS	MS				%Rec	
Analyte)	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzen	ie	<0.000383	U	0.101	0.0, 714		mg/Kg		, 6	70 - 130	
Toluene)	<0.000454	U	0.101	0.1018		mg/Kg		101	70 - 130	
Et9ylbe	nzene	< 0.000563	U	0.101	0.085, 1		mg/Kg		85	70 - 130	
m-hyler	ne X &-hylene	<0.00101	U	0.202	0.1763		mg/Kg		87	70 - 130	
o-h ylen	ie	< 0.000343	U	0.101	0.0, , 5,		mg/Kg		, ,	70 - 130	

Surrogate	%Recovery	Qualifier	Limits				
	MS	MS					
o-h ylene	<0.000343	U	0.101	0.0, , 5,	mg/Kg	, ,	70 - 130
m-hylene X &-hylene	<0.00101	U	0.202	0.1763	mg/Kg	87	70 - 130
Et9ylbenzene	<0.000563	U	0.101	0.085, 1	mg/Kg	85	70 _ 130

97 - 3/7

97 - 3/7

Lab Sample ID: 880-16557-5 MSD Client Sample ID: S-10A

Matrix: Solid Prep Type: Total/NA **Analysis Batch: 29173** Prep Batch: 29191

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.000383	U	0.100	0.0, 385		mg/Kg		, 4	70 - 130	3	35
Toluene	<0.000454	U	0.100	0.1051		mg/Kg		105	70 - 130	3	35
Et9ylbenzene	< 0.000563	U	0.100	0.0, 028		mg/Kg		, 0	70 - 130	5	35
m-hylene X &-hylene	<0.00101	U	0.200	0.1853		mg/Kg		, 2	70 - 130	5	35
o-hylene	<0.000343	U	0.100	0.1044		mg/Kg		104	70 - 130	5	35

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: 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)	376		97 - 3/7
3,4-Difluorobenzene (Surr)	16		97 - 3/7

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

	IVID	IAID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gapoline Oange Rrganicp	21.3,	J	50.0	15.0	mg/Kg		07/05/22 14:48	07/07/22 10:03	1
(GOR+C6-C10									
Diepel Oange Rrganicp (R) er	<15.0	U	50.0	15.0	mg/Kg		07/05/22 14:48	07/07/22 10:03	1
C10-C28v									
RII Oange Rrganicp (R) er C28-C36v	23.10	J	50.0	15.0	mg/Kg		07/05/22 14:48	07/07/22 10:03	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
3-Chlorooctane	330		97 - 3/7	792/8255 34:46	79279255 37:7/	3
o-Terphenyl	358		97 - 3/7	792/8255 34:46	79279255 37:7/	3

Lab Sample ID: LCS 880-29059/2-A

Matrix: Solid

Analysis Batch: 29169

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

Prep Batch: 29059

50	ike LCS	LCS				%Rec	
Analyte	led Result	Qualifier	Unit	D	%Rec	Limits	
Gapoline Oange Rrganicp 10	000 1154		mg/Kg	_	115	70 - 130	
(GOR+C6-C10							
Diepel Oange Rrganicp (R) er	, 76.2		mg/Kg		, 8	70 - 130	
C10-C28v							

LCS LCS

Surrogate	%Recovery Qualifier	Limits
3-Chlorooctane	373	97 - 3/7
o-Terphenvl	19	97 - 3/7

Lab Sample ID: LCSD 880-29059/3-A

Analysis Batch: 29169

Matrix: Solid

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
Gapoline Oange Rrganicp	1000	1074		mg/Kg		107	70 - 130	7	20
(GORv-C6-C10									
Diepel Oange Rrganicp (R) er	1000	887.6		mg/Kg		8,	70 - 130	10	20
C10-C28v									

LCSD LCSD

Surrogate	%Recovery Qualifie	er Limits
3-Chlorooctane	61	97 _ 3/ 7
o-Terphenyl	61	97 - 3/7

QC Sample Results

Client: Talon/LPE Job ID: 880-16557-1 Project/Site: Bellatrix 28 Fed 01H SDG: Eddy County NM

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

Lab Sample ID: 880-16557-1 MS Matrix: Solid

Analysis Batch: 29169

Client Sample ID: S-1A

Prep Type: Total/NA Prep Batch: 29059

Sample Sample Spike MS MS Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits Gapoline Oange Rrganicp 2, .4 JB 1188 mg/Kg 116 70 - 130 , , , (GORy-C6-C10 1078 104 70 - 130Diepel Oange Rrganicp (R) er 41.8 J mg/Kg

C10-C28v

MS MS %Recovery

Qualifier Limits Surrogate 3-Chlorooctane 336 97 - 3/7 o-Terphenyl 370 97 - 3/7

Lab Sample ID: 880-16557-1 MSD Client Sample ID: S-1A

Matrix: Solid

Analysis Batch: 29169

Prep Type: Total/NA

Prep Batch: 29059

Spike MSD MSD %Rec RPD Sample Sample Result Qualifier Added Result Qualifier Unit D %Rec Limits **RPD** Limit Gapoline Oange Rrganicp 2, .4 JB , , 7 11, 0 mg/Kg 116 70 - 130 0 (GORv-C6-C10 Diepel Oange Rrganicp (R) er 41.8 J , , 7 1133 mg/Kg 10, 70 - 130 5 20 C10-C28v

MSD MSD Surrogate %Recovery Qualifier Limits 3-Chlorooctane 357 97 - 3/7 335 97 - 3/7 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-28997/1-A

Matrix: Solid

Analysis Batch: 29213

Client Sample ID: Method Blank **Prep Type: Soluble**

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Prep Type: Soluble

MB MB

Analyte Result Qualifier C9loride <0.858

RL MDL Unit Prepared Analyzed Dil Fac 5.00 0.858 mg/Kg 07/08/22 07:48

Lab Sample ID: LCS 880-28997/2-A

Matrix: Solid

Analysis Batch: 29213

LCS LCS Spike %Rec Analyte Added Result Qualifier Limits Unit %Rec C9loride 250 243.8 , 8 , 0 - 110 mg/Kg

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
C9loride	250	244.3		mg/Kg		, 8	, 0 - 110	0	20

Client Sample ID: S-1A

Prep Type: Soluble

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 Client Sample ID: S-1A **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 29213

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
C9loride	13.8		250	278.5		mg/Kg		106	, 0 - 110	

Lab Sample ID: 880-16557-1 MSD

Matrix: Solid

Analysis Batch: 29213

	•	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
	Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
l	C9loride	13.8		250	285.2		mg/Kg		10,	, 0 - 110	2	20

QC Association Summary

I ient T. a/ iot LPES

EcoBoxTLGeTh: 2 nii/ ToeF H8 3 ny 01A

Job ID: 880-1655C-1 GDd: SyyNI oM: TNr j

GC VOA

Prep Batch: 28904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1655C-1	G-17	ao7 ilr 7	Goiey	5045	
880-1655C-H	G-H7	ao7ilr 7	Goiey	5045	
880-1655C-4	G-57	ao7ilr 7	Goiey	5045	
880-1655C-9	G-h7	ao7ilr 7	Goiey	5045	
j 2 880-H8h09L5-7	j nTkoy 2i/tm	ao7ilr 7	Goiey	5045	
Pl G 880-H8h09L1-7	P/blotTooiG/puin	ao7ilr 7	Goiey	5045	
PI GD 880-H8h09LH-7	P/blotTcoiG/puinDMu	ao7ilr 7	Goiey	5045	
8h0-H9C5-7-1-d j G	j/ToeFGuemn	ao7ilr 7	Goiey	5045	
8h0-H9C5-7-1-A j GD	j/ToeFGuemnDMuiex/Tn	ao7ilr 7	Goiey	5045	

Analysis Batch: 29172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1655C-1	G-17	ao7 ilr 7	Goiey	80H12	H8h09
880-1655C-H	G-H7	ao ∜ ilr 7	Goiey	80H12	H8h09
880-1655C-4	G-57	ao7ilr 7	Goiey	80H12	H8h09
880-1655C-9	G-h7	ao ⊺ ilr 7	Goiey	80H12	H8h09
j 2 880-H8h09L5-7	j nTkoy 2i/ t m	ao7ilr 7	Goiey	80H12	H8h09
Pl G 880-H8h09L1-7	P/blotTooiG/puin	ao ⊺ ilr 7	Goiey	80H12	H8h09
PI GD 880-H8h09LH-7	P/blotTooiG/puinDMu	ao7ilr 7	Goiey	80H12	H8h09
8h0-H9C5-7-1-d j G	j/TodFGuemn	ao ⊺ ilr 7	Goiey	80H12	H8h09
8h0-H9C5-7-1-A j GD	j / ToeF Guernn DMuiex/ Th	ao 7 ilr 7	Goiey	80H12	H8h09

Analysis Batch: 29173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1655C-5	G-107	ao 1 / ilr 7	Goiey	80H12	Hh1h1
880-1655C-6	G-1H7	ao7/ilr 7	Goiey	80H12	Hh1h1
880-1655C-C	r GW-1	ao7ilr 7	Goiey	80H12	Hh1h1
j 2 880-Hh1h1L5-7	j nTkoy 2i/tm	ao7ilr 7	Goiey	80H12	Hh1h1
Pl G880-Hh1h1L1-7	P/blotTooiG/puin	ao7/ilr 7	Goiey	80H12	Hh1h1
Pl GD 880-Hh1h1LH-7	P/blotTooiG/puinDMu	ao7/ilr 7	Goiey	80H12	Hh1h1
880-1655C-5 j G	G-107	ao7ilr 7	Goiey	80H12	Hh1h1
880-1655C-5 j GD	G-107	ao7ilr 7	Goiey	80H12	Hh1h1

Prep Batch: 29191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1655C-5	G-107	ao7ilr 7	Goiey	5045	
880-1655C-6	G-1H7	ao7ilr 7	Goiey	5045	
880-1655C-C	r GW-1	ao7ilr 7	Goiey	5045	
j 2 880-Hh1h1L5-7	j nTkoy 2i/tm	ao7ilr 7	Goiey	5045	
Pl G 880-Hh1h1L1-7	P/blotTooiG/puin	ao7ilr 7	Goiey	5045	
Pl GD 880-Hh1h1LH-7	P/blotTcoiG/puinDMu	ao7ilr 7	Goiey	5045	
880-1655C-5 j G	G-107	ao7ilr 7	Goiey	5045	
880-1655C-5 j GD	G-107	ao7ilr 7	Goiey	5045	

Analysis Batch: 29273

Lab Sample ID 880-1655C-1	G-17	Prep Type ao7 ilr 7	Matrix Goiey	Method aoTi2aSf	Prep Batch
880-1655C-H	G-H7	ao7 ilr 7	Goiey	ao 7 i 2aSf	
880-1655C-4	G-57	ao ⊺ ilr 7	Goiey	ao7i2aSf	
880-1655C-9	G-h7	ao ⊺ ilr 7	Goiey	ao7i2aSf	
880-1655C-5	G-107	ao ⊺ ilr 7	Goiey	ao 7 i 2aSf	

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QC Association Summary

I ient T. a/ iot LPES

EcoBoxTLGeTh: 2 nii/ ToeF H8 3 ny 01A

Job ID: 880-1655C-1 GDd: SyyNI oM: TNr j

GC VOA (Continued)

Analysis Batch: 29273 (Continued)

	Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
	880-1655C-6	G-1H7	ao7ilr 7	Goiey	ao7i2aSf	
Į	880-1655C-C	r GW-1	ao 7 iLr 7	Goiey	ao7i2aSf	

GC Semi VOA

Prep Batch: 29059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1655C-1	G-17	ao7ilr 7	Goiey	8015r j Eanu	
880-1655C-H	G-H7	ao7ilr 7	Goiey	8015r j Eanu	
880-1655C-4	G-57	ao7ilr 7	Goiey	8015r j Eanu	
880-1655C-9	G-h7	ao7ilr 7	Goiey	8015r j Eanu	
880-1655C-5	G-107	ao7ilr 7	Goiey	8015r j Eanu	
880-1655C-6	G-1H7	ao7ilr 7	Goiey	8015r j Eanu	
880-1655C-C	r GW-1	ao7ilr 7	Goiey	8015r j Eanu	
j 2 880-Hh05hL1-7	j nTkoy 2i/ t m	ao7ilr 7	Goiey	8015r j Eanu	
Pl G 880-Hh05hLH-7	P/blotTooiG/puin	ao7ilr 7	Goiey	8015r j Eanu	
Pl GD 880-Hh05hl4-7	P/blotTooiG/puinDMu	ao7ilr 7	Goiey	8015r j Eanu	
880-1655C-1 j G	G-17	ao7ilr 7	Goiey	8015r j Eanu	
880-1655C-1 j GD	G-17	ao7ilr 7	Goiey	8015r j Eanu	

Analysis Batch: 29169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1655C-1	G-17	ao₹ilr 7	Goiey	80152 r j	Hh05h
880-1655C-H	G-H7	ao7ilr 7	Goiey	80152 r j	Hh05h
880-1655C-4	G-57	ao7ilr 7	Goiey	80152 r j	Hh05h
880-1655C-9	G-h7	ao7ilr 7	Goiey	80152 r j	Hh05h
880-1655C-5	G-107	ao7ilr 7	Goiey	80152 r j	Hh05h
880-1655C-6	G-1H7	ao7ilr 7	Goiey	80152 r j	Hh05h
880-1655C-C	r GW-1	ao7ilr 7	Goiey	80152 r j	Hh05h
j 2 880-Hh05hL1-7	j n ™ koy 2i/ t m	ao7ilr 7	Goiey	80152 r j	Hh05h
Pl G880-Hh05hLH-7	P/blotTooiG/puin	ao7ilr 7	Goiey	80152 r j	Hh05h
Pl GD 880-Hh05hl4-7	P/blotTooiG/puinDMu	ao7ilr 7	Goiey	80152 r j	Hh05h
880-1655C-1 j G	G-17	ao7ilr 7	Goiey	80152 r j	Hh05h
880-1655C-1 j GD	G-17	ao7/ilr 7	Goiey	80152 r j	Hh05h

Analysis Batch: 29305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1655C-1	G-17	ao¶ilr 7	Goiey	8015 r j	
880-1655C-H	G-H7	ao ⊺ ilr 7	Goiey	8015 r j	
880-1655C-4	G-57	ao7ilr 7	Goiey	8015 r j	
880-1655C-9	G-h7	ao7ilr 7	Goiey	8015 r j	
880-1655C-5	G-107	ao7ilr 7	Goiey	8015 r j	
880-1655C-6	G-1H7	ao ⊺ ilr 7	Goiey	8015 r j	
880-1655C-C	r GW-1	ao7ilr 7	Goiey	8015 r j	

HPLC/IC

Leach Batch: 28997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1655C-1	G-17	GoiMbin	Goiey	DI Pn/ xk	
880-1655C-H	G-H7	GoiMbin	Goiey	DI Pn/ xk	
880-1655C-4	G-57	Goilbin	Goiey	DI Pn/ xk	

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QC Association Summary

I ient T. a/ iot LPES

EcoBoxTLGeTh: 2 nii/ ToeF H8 3 ny 01A

Job ID: 880-1655C-1

GDd: SyyNI oMt TNr j

HPLC/IC (Continued)

Leach Batch: 28997 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1655C-9	G-h7	GoiMbin	Goiey	DI Pn/ xk	
880-1655C-5	G-107	GoiMbin	Goiey	DI Pn/ xk	
880-1655C-6	G-1H7	GoiMbin	Goiey	DI Pn/ xk	
880-1655C-C	r GW-1	GoiMbin	Goiey	DI Pn/ xk	
j 2 880-H8hhQL1-7	j nTkoy 2i/t m	GoiMbin	Goiey	DI Pn/ xk	
PI G880-H8hhQLH-7	P/blotTooiG/puin	GoiMbin	Goiey	DI Pn/ xk	
Pl GD 880-H8hhQ14-7	P/blotTcoiG/puinDMu	GoiMbin	Goiey	DI Pn/ xk	
880-1655C-1 j G	G-17	GoiMbin	Goiey	DI Pn/ xk	
880-1655C-1 j GD	G-17	GoiMbin	Goiey	DI Pn/ xk	

Analysis Batch: 29213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1655C-1	G-17	Goilbin	Goiey	400.0	H8hhC
880-1655C-H	G-H7	GoilMbin	Goiey	400.0	H8hhC
880-1655C-4	G-57	GoiMbin	Goiey	400.0	H8hhC
880-1655C-9	G-h7	Goil/bin	Goiey	400.0	H8hhC
880-1655C-5	G-107	GoilMbin	Goiey	400.0	H8hhC
880-1655C-6	G-1H7	GoilMbin	Goiey	400.0	H8hhC
880-1655C-C	r GW-1	Goil/bin	Goiey	400.0	H8hhC
j 2 880-H8hhQL1-7	j nTkoy 2i/ t m	GoilMbin	Goiey	400.0	H8hhC
PI G880-H8hhQLH-7	P/blotTcoiG/puin	GoilMbin	Goiey	400.0	H8hhC
PI GD 880-H8hhCl4-7	P/blotTcoiG/puinDMu	GoilMbin	Goiey	400.0	H8hhC
880-1655C-1 j G	G-17	Goilbin	Goiey	400.0	H8hhC
880-1655C-1 j GD	G-17	GoiMbin	Goiey	400.0	H8hhC

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Client: Talon/LPE

PjoœSt/Bite: x ellatji2 F8 deH01G

BDy: EHHNCoMntNp3

Job ID: 880-1655r -1

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/p 9	PjeR	5075			5g00 m	5 s L	F840.	0r /0r /FF 15:F8	3 X	AEp 3 ID
Total/p9	9 nal N hih	80F1x		1	5 s L	5 s L	F41r F	0r/0r/FF 16:. 4	9J	AEp 3 ID
Total/p9	9nal N ih	Total x TEA		1			F4Fr 7	0r/08/FF 10:1r	9J	AEp 3 ID
Total/p9	9nal N iih	8015 p 3		1			F4705	0r/08/FF 17:1r	9J	AEp 3 ID
Total/p9	PjeR	8015p3 PjeR			10g0F m	10 s L	F4054	0r /05/FF 1. :. 8	93	AEp 3 ID
Total/p9	9 nal N hih	8015x p3		1			F4164	0r/0r/FF 11:. 5	9J	AEp 3 ID
BolMble	LeaSu	DI LeaSu			5 m	50 s L	F844r	0r /05/FF 04:1F	CG	AEp 3 ID
BolMble	9 nalNhih	700g0		1			F4F17	0r /08/FF 08:16	CG	AEp 3 ID

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	Batch	_	Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/p 9	PjeR	5075			. g44 m	5 s L	F840.	0r /0r /FF 15:F8	3 X	AEp 3 ID
Total/p9	9nal N hih	80F1x		1	5 s L	5 s L	F41r F	0r/0r/FF 1r:04	9J	AEp 3 ID
Total/p 9	9 nal N ih	Total xTEA		1			F4Fr 7	0r/08/FF 10:1r	9J	AEp 3 ID
Total/p 9	9 nal N iih	8015 p3		1			F4705	0r/08/FF 17:1r	9J	AEp 3 ID
Total/p9	PjeR	8015p3 PjeR			10g01 m	10 s L	F4054	0r /05/FF 1. :. 8	93	AEp 3 ID
Total/p 9	9 nal N hih	8015x p3		1			F4164	0r/0r/FF 1F:. 4	9J	AEp 3 ID
BolMble	LeaSu	DI LeaSu			5g01 m	50 s L	F844r	0r /05/FF 04:1F	CG	AEp 3 ID
BolMble	9nal N hih	700g0		1			F4F17	0r /08/FF 08:	CG	AEp 3 ID

Client Sample ID: S-5A Lab Sample ID: 880-16557-3 Date Collected: 07/01/22 11:08 **Matrix: Solid**

Date Received: 07/01/22 16:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/p 9	PjeR	5075			.g4r m	5 s L	F840.	0r /0r /FF 15:F8	3 X	AEp 3 ID
Total/p9	9 nalNhih	80F1x		1	5 s L	5 s L	F41r F	0r/0r/FF 1r:70	9J	AEp 3 ID
Total/p 9	9 nal N hih	Total xTEA		1			F4Fr 7	0r/08/FF 10:1r	9J	AEp 3 ID
Total/p 9	9 nal N hih	8015 p3		1			F4705	0r/08/FF 17:1r	9J	AEp 3 ID
Total/p9	PjeR	8015p3 PjeR			10g0. m	10 s L	F4054	0r /05/FF 1. :. 8	93	AEp 3 ID
Total/p 9	9 nal N hih	8015x p3		1			F4164	0r/0r/FF 17:11	9J	AEp 3 ID
BolMble	LeaSu	DI LeaSu			5g0F m	50 s L	F844r	0r /05/FF 04:1F	CG	AEp 3 ID
BolMble	9 nal N hih	700g0		1			F4F17	0r /08/FF 08:57	CG	AEp 3 ID

Client Sample ID: S-9A Lab Sample ID: 880-16557-4 Date Collected: 07/01/22 11:10 **Matrix: Solid**

Date Received: 07/01/22 16:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/p 9	PjeR	5075			. g46 m	5 s L	F840.	0r /0r /FF 15:F8	3 X	AEp 3 ID
Total/p9	9 nalNhih	80F1x		1	5 s L	5 s L	F41r F	0r/0r/FF 1r:50	9J	AEp 3 ID
Total/p 9	9 nalNhih	Total xTEA		1			F4Fr 7	0r/08/FF 10:1r	9J	AEp 3 ID

EMofinh 3 iHanH

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Client: Talon/LPE

PjoœSt/Bite: x ellatji2 F8 deH01G

BDy: EHHNCoMntNp3

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: 880-1655r -1

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/p 9	9 nalNhih	8015 p 3		1			F4705	0r /08/FF 17:1r	9J	AEp 3 ID
Total/p 9	PjeR	8015p3 PjeR			10g05 m	10 s L	F4054	0r /05/FF 1. :. 8	93	AEp 3 ID
Total/p9	9 nalNhih	8015x p3		1			F4164	0r/0r/FF 17:7F	9J	AEp 3 ID
BolMble	LeaSu	DI LeaSu			5g07 m	50 s L	F844r	0r /05/FF 04:1F	CG	AEp 3 ID
BolMble	9 nalNhih	70090		1			F4F17	0r /08/FF 04:0F	CG	AEp 3 ID

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	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/p 9	PjeR	5075			5g0F m	5 s L	F4141	0r/0r/FF 10:1r	EL	AEp 3 ID
Total/p 9	9 nal N hih	80F1x		1	5 s L	5 s L	F41r 7	0r/0r/FF 17:00	3 X	AEp 3 ID
Total/p9	9 nal N hih	Total xTEA		1			F4Fr 7	0r/08/FF 10:1r	9J	AEp 3 ID
Total/p9	9 nal N hih	8015 p3		1			F4705	0r/08/FF 17:1r	9J	AEp 3 ID
Total/p9	PjeR	8015p3 PjeR			10g0F m	10 s L	F4054	0r /05/FF 1. :. 8	93	AEp 3 ID
Total/p9	9 nalNhih	8015x p3		1			F4164	0r/0r/FF 17:5.	9J	AEp 3 ID
BolMble	LeaSu	DI LeaSu			. g46 m	50 s L	F844r	0r /05/FF 04:1F	CG	AEp 3 ID
BolMble	9 nalNhih	700g0		1			F4F17	0r /08/FF 04:11	CG	AEp 3 ID

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/p 9	PjeR	5075			5g00 m	5 s L	F4141	0r/0r/FF 10:1r	EL	AEp 3 ID
Total/p9	9 nalNhih	80F1x		1	5 s L	5 s L	F41r 7	0r/0r/FF 17:F0	3 X	AEp 3 ID
Total/p 9	9 nal N hih	Total xTEA		1			F4Fr 7	0r/08/FF 10:1r	9J	AEp 3 ID
Total/p 9	9 nal N hih	8015 p3		1			F4705	0r/08/FF 17:1r	9J	AEp 3 ID
Total/p9	PjeR	8015p3 PjeR			10g0. m	10 s L	F4054	0r /05/FF 1. :. 8	93	AEp 3 ID
Total/p9	9 nalNhih	8015x p3		1			F4164	0r/0r/FF 1.:16	9J	AEp 3 ID
BolMble	LeaSu	DI LeaSu			5g05 m	50 s L	F844r	0r /05/FF 04:1F	CG	AEp 3 ID
BolMble	9 nal N hih	700 g 0		1			F4F17	0r /08/FF 04:74	CG	AEp 3 ID

Lab Sample ID: 880-16557-7 **Client Sample ID: NSW-1** Date Collected: 07/01/22 11:05 **Matrix: Solid**

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/p 9	PjeR	5075			5g01 m	5 s L	F4141	0r/0r/FF 10:1r	EL	AEp 3 ID
Total/p 9	9 nalNhih	80F1x		1	5 s L	5 s L	F41r 7	0r/0r/FF 17:. 1	3 X	AEp 3 ID
Total/p9	9 nal N hih	Total xTEA		1			F4Fr 7	0r/08/FF 10:1r	9J	AEp 3 ID
Total/p9	9 nalNhih	8015 p3		1			F4705	0r/08/FF 17:1r	9J	AEp 3 ID
Total/p 9 Total/p 9	PjeR 9nalNhih	8015p3 PjeR 8015x p3		1	10g0F m	10 s L	F4054 F4164	0r /05/FF 1. :. 8 0r /0r /FF 1. :7r	93 9J	AEp 3 ID AEp 3 ID

EMofinh 3 iHanH

Released to Imaging: 10/26/2022 1:35:35 PM

Lab Chronicle

 Client: Talon/LPE
 Job ID: 880-1655r -1

 PjoœSt/Bite: x ellatji2 F8 deH01G
 BDy : EHNCoMntNp 3

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

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
BolMble	LeaSu	DI LeaSu			5g0F m	50 s L	F844r	0r /05/FF 04:1F	CG	AEp 3 ID
BolMble	9 nalNhih	70000		1			F4F17	0r /08/FF 04:. 8	CG	AEp 3 ID

Laboratory References:

AEp 3 ID = EMofinh 3 iHanH, 1F11 WgdlojiHa 9ve, 3 iHanH, TA r 4r 01, TEL (. 7F)r 0. -5. . 0

Accreditation/Certification Summary

Client: Talon/LPE

Job ID: 880-1655r -1

PjoœSt/Bite: x ellatji2 F8 deH01G

BDy: EHNCoMtNUs

Laboratory: Eurofins Midland

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Authority		Program	Identification Number	Expiration Date	
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Method Summary

I ient T. a/ iot LPES

EcoBoxTLGeTh: 2 nii/ ToeF H8 Why 014

Job ID: 880-1655C-1

GDd: SyyNI oMt TNr j

/lethod	Method Description	Protocol	Laboratory
0H12	goi/Tenmop/texlousoMty()dlX	GV 806	ASr j ID
o7i2aSA	aoTi2aSAI/ixM/Tept	aRP GmE	ASr j ID
015 r j	Den(ni 3/t pn mqp/t ex()D3 mX)d IX	GV 806	ASr j ID
0152 r j	Den(ni3/tpn mqp/tex()D3mX)dIX	GV 806	ASr j ID
00,0	Rt et (hlot I zoou / Topd szN	j I RV V	ASr j ID
0. 5	lio(nyGN(Thu EMopn/tyad/s	GV 806	ASr j ID
015r j Eans	jexconFTd∕xTeot	GV 806	ASr j ID
I Pn/ xz	Dneoteny V / Tho Pn/ xzet p Ecoxny Mon	RGaj	ASr j ID

Protocol References:

RGaj "RGaj It Thot/Tept/i

 $j \mid RV \lor \text{"} \ fj \quad \text{T} \ \text{r} \ \text{t} \ \text{v} \ \text{t} \ \text{t}$ $\text{GV 8O6} \text{ } \text{fan(Tj. } \text{n$\overline{\text{L}}$ oy(WocSv/iM $\overline{\text{M}}$ p Goiey V/($\overline{\text{h}}$ hEzN($ex/ill.$ znu $ex/ij. n$\overline{\text{L}}$ oy($fhazeey Sye est hr ovnu bnc1986 Rt y IT(Usy/$\overline{\text{h}}$ (, in the continuous of the continuous of$ aRP GmE " an(TRu nœx/ P/ bod Toæn(hGT t y/ cy msnd Te p EcoxnyMtn

Laboratory References:

 $ASr\ j\ ID\ "\ SMto7et\ (\ j\ eyi/\ t\ yh1H11\ V\ ,\ Wiocey/\ Rvnhj\ eyi/\ t\ yhaA\ C9OO1haSP)O.\ HXOOO5OOO$

Released to Imaging: 10/26/2022 1:35:35 PM

Sample Summary

Client: Talon/LPE

Pcolext/Gite: 2 ellatdF H8 3 ey 01A

Job ID: 880-1655S-1

GDd: EyyNCoMntNr j

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-1655S-1	G-14	Goliy	0S/01/HH 11:00	0S/01/HH 16:70
880-1655S-H	G-H4	Goliy	0S/01/HH11:0H	0S/01/HH16:70
880-1655S-9	G-54	Goliy	0S/01/HH11:08	0S/01/HH 16:70
880-1655S-7	G-W4	Goliy	0S/01/HH11:10	0S/01/HH16:70
880-1655S-5	G-104	Goliy	0S/01/HH11:1H	0S/01/HH16:70
880-1655S-6	G-1H4	Goliy	0S/01/HH11:15	0S/01/HH16:70
880-1655S-S	r Gu -1	Goliv	0S/01/HH 11:05	0S/01/HH16:70

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City, State ZIP Address:

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Address: City, State ZIP-

State of Project: Program:

UST/PST PRP Brownfields RRC

Superfund [

880-16557 Chain of Custody Molk Cidel Collinelin

Bill to: (if different) Company Name:

Dellon

roject Manager ompany Name:

> Xenco Thvironment Testing

Chain of Custody

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 EL Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296 Hobbs NM (575) 392 7550 Carlsbad, NM (575) 988-3199 Houston, TX (281) 240-4200 Dallas, TX (214) 902-0300

Revised Date: 08/25/2020 Rev 2020.2	Rev						
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Date/Time	Received by (Signature)	Relinquished by (Signature)	Date/Time	٤	Received by (Signature	(Signature)	Relinquished by (Signature
	rol regoflated.	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.	ses incurred by the client if suc urofins Xenco, but not analyze	sibility for any losses or exper or each sample submitted to i	samples and shall not assume any respo plied to each project and a charge of \$5	vill be liable only for the cost of a um charge of \$85.00 will be app	Service. Eurofins Xenco v Eurofins Xenco. A minim
	ions	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	fins Xenco. Its affiliates and sub	r from client company to Euro	samples constitutes a valid purchase ord	cument and relinquishment of s	tice: Signature of this do
7471	Hg 1631/2451/7470/		ib As Ba Be Cd Cr	11	analyzed TCLP/SPLP 6010	Circle Method(s) and Metal(s) to be analyzed	ircle Method(s)
I V Zn	Mn Mo Ni K Se Ag SiO ₂ Na Sr Tl Sn U	Cr Co Cu Fe Pb Mg	Al Sb As Ba Be B Cd Ca	M Texas 11 Al Sk	8RCR	10 200.8 / 6020:	Total 200.7 / 6010

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			イメス	01	7-1-22 160	2	SIA
Sample Comments	Sam		Ch B	Depth Grab/ # of Comp Cont	trix Date Time Sampled Sampled	tification Matrix	Sample Identification
NaOH+Ascorbic Acid SAPC	NaOH+As		io T	44	- leili		
Zn Acetate+NaOH Zn	Zn Acetatı		YI E	- 0 - 1	1	100	Total Containers
NaSO 3	Na ₂ S ₂ O ₃ NaSO ₃		X 80	0,0	1	Yes	Cooler Custody Seals:
. NABIS	NaHSO 4. NABIS		S 80	Tameram	Thermometer ID:	act: (*es) No	Samples Received Intact:
	H ₃ PO ₄ HP		300 M	YES No	Yes No Wet Ice:	Temp Blank:	SAMPLE RECEIPT
NaOH Na	H,50 a. H,		1/1	<u> </u>	the lab, if rece	2100532	PO#
	HCI HC		<u>.</u> C	TAT starts the day received by	TAT starts the	K. Hawky	Sampler's Name:
)		NM Due Date.	FAM CO.	Project Location.
O DI Water: H.O	None NO			Rush Pres.	Routine		Project Number
Preservative Codes	Pres	ANALYSIS REQUEST		Turn Around	Tun HIO NOT 8C	Bellativ 2	Project Name:
Other	ables. EDD ADaPT	Deliverables.	The state of the s		Email.		Phone
TRRP Level IV	Reporting Level II Level III PST/UST TRRP Level IV	Reporti		City, State ZIP	N.M.	Avtesia	City, State ZIP

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



Environment Testing America

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

For:

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

Attn: Kayla Taylor

MAMER

7/11/2022 1:55:10 PM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

Authorized for release by:

Have a Question?

EOL

LINKS

Review your project results through

Visit us at:

www.eurofinsus.com/Env Released to Imaging: 10/26/2022 1:35:35 PM

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
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** 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.

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.

Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

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

DL, RA, RE, IN

DLC

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)

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)

Decision Level Concentration (Radiochemistry)

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

NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

NEG Negative / Absent POS Positive / Present Practical Quantitation Limit **PQL**

PRES Presumptive **Quality Control** QC

Relative Error Ratio (Radiochemistry) **RER**

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF **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.

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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	1
Toluene	0.00269		0.00201	0.000459	mg/Kg		07/08/22 14:51	07/09/22 21:34	1
Ethylbenzene	0.00290		0.00201	0.000568	mg/Kg		07/08/22 14:51	07/09/22 21:34	1
m-Xylene & p-Xylene	0.00579		0.00402	0.00102	mg/Kg		07/08/22 14:51	07/09/22 21:34	1
o-Xylene	0.00844		0.00201	0.000346	mg/Kg		07/08/22 14:51	07/09/22 21:34	1
Xylenes, Total	0.0142		0.00402	0.00102	mg/Kg		07/08/22 14:51	07/09/22 21:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		97 - 137				79/70/22 145 1	79/78/22 21534	1
164-, Buorobenzene (Surr)	177		97 - 137				79/70/22 145 1	79/78/22 21534	1
Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0208		0.00402	0.00102	mg/Kg			07/11/22 11:06	1
Method: 8015 NM - Diesel Range	Organics (DR	0) (GC)							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.5		49.9		mg/Kg			07/11/22 10:03	
-	10.0				99				-
Method: 8015B NM - Diesel Rang	as Organica (D	DO) (OO)							
	ge Organics (D.	KU) (GC)							
Analyte	• • •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Gasoline Range Organics	• • •	Qualifier	RL 49.9	MDL 15.0	Unit mg/Kg	<u>D</u>	Prepared 07/08/22 16:05	Analyzed 07/09/22 05:15	Dil Fac
· · · · · · · · · · · · · · · · · · ·	Result	Qualifier U		15.0		<u>D</u>			
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>D</u>	07/08/22 16:05	07/09/22 05:15	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <15.0	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	07/09/22 05:15 07/09/22 05:15	1
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	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	07/09/22 05:15 07/09/22 05:15 07/09/22 05:15	1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	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	07/09/22 05:15 07/09/22 05:15 07/09/22 05:15 Analyzed	1 1 1 1 Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-i Goroohd ne	Result <15.0 16.5 <15.0 %Recovery 00 09	Qualifier U J*1 U Qualifier	49.9 49.9 49.9 Limits 97 - 137	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 79/70/22 1a57:	07/09/22 05:15 07/09/22 05:15 07/09/22 05:15 Analyzed 79/78/22 7: 51:	1 1 1 1 1 1 Dil Fac 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-i Goroohd ne o-TerpCenyl	Result	Qualifier U J*1 U Qualifier	49.9 49.9 49.9 Limits 97 - 137	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 79/70/22 1a57:	07/09/22 05:15 07/09/22 05:15 07/09/22 05:15 Analyzed 79/78/22 7: 51:	1 1 1 1 1 1 Dil Fac 1

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)	
880-16699-1	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				
BFB = 4-Bromofluorober	nzene (Surr)			

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

Matrix: Solid Prep Type: Total/NA

		1001	OTPH1	Percent Surrogate Recovery (Acceptance Limits)
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

QC Sample Results

Client: Talon/LPE Job ID: 880-16699-1
Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-29325/5-A

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29325

ı		MB	MB							
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
	Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		07/08/22 14:51	07/09/22 16:11	
	Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		07/08/22 14:51	07/09/22 16:11	
	Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		07/08/22 14:51	07/09/22 16:11	
	m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		07/08/22 14:51	07/09/22 16:11	
	o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		07/08/22 14:51	07/09/22 16:11	
	Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		07/08/22 14:51	07/09/22 16:11	

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	11		09 - 739	90/98/22 74:67	90/91/22 75:77	7
7,4-Difluorobenzene (Surr)	19		09 - 739	90/98/22 74:67	90/91/22 75:77	7

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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1065		mg/Kg		107	70 - 130	
Toluene	0.100	0.1030		mg/Kg		103	70 - 130	
Ethylbenzene	0.100	0.1059		mg/Kg		106	70 - 130	
m-Xylene & p-Xylene	0.200	0.2181		mg/Kg		109	70 - 130	
o-Xylene	0.100	0.1087		mg/Kg		109	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	796	09 - 739
7,4-Difluorobenzene (Surr)	792	09 - 739

Lab Sample ID: LCSD 880-29325/2-A

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: Lab Control Sam	ple	Dup
-----------------------------------	-----	-----

Prep Type: Total/NA

Prep Batch: 29325

	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)	794	09 - 739
7,4-Difluorobenzene (Surr)	793	09 - 739

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	

Eurofins Midland

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Prep Batch: 29325

QC Sample Results

Client: Talon/LPE Job ID: 880-16699-1 Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

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

Lab Sample ID: 880-16711-A-1-A MS Client Sample ID: Matrix Spike **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 29358

	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)	779		09 - 739
7,4-Difluorobenzene (Surr)	793		09 - 739

Lab Sample ID: 880-16711-A-1-B MSD Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 29358									Prep	Batch:	29325
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.000383	U	0.100	0.09015		mg/Kg		90	70 - 130	2	35
Toluene	0.00279		0.100	0.09061		mg/Kg		88	70 - 130	9	35
Ethylbenzene	0.00198	J	0.100	0.08857		mg/Kg		86	70 - 130	13	35
m-Xylene & p-Xylene	0.00464		0.200	0.1811		mg/Kg		88	70 - 130	14	35
o-Xylene	0.00329		0.100	0.08641		mg/Kg		83	70 - 130	10	35

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	770		09 - 739
7,4-Difluorobenzene (Surr)	11		09 - 739

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

Client Sample ID: Lab Control Sample

Result Qualifier RL MDL Unit D Dil Fac Analyte Prepared Analyzed 37.85 J 15.0 mg/Kg 07/08/22 16:05 50.0 07/08/22 21:01 Gasoline Range Organics (GRO)-C6-C10 07/08/22 16:05 Diesel Range Organics (Over <15.0 U 50.0 15.0 mg/Kg 07/08/22 21:01 C10-C28) 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

MB MB

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
7-Chlorooctane	790		09 - 739	90/98/22 75:96	90/98/22 27:97	7
o-Terphenyl	778		09 - 739	90/98/22 75:96	90/98/22 27:97	7

Lab Sample ID: LCS 880-29336/2-A

Matrix: Solid

Analysis Batch: 29250							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)								

Eurofins Midland

Prep Type: Total/NA

Job ID: 880-16699-1

SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-29336/2-A Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Solid

Project/Site: Bellatrix 28H Fed #1

Analysis Batch: 29250

Prep Batch: 29336 LCS LCS Limits

Surrogate %Recovery Qualifier 7-Chlorooctane 84 09 - 739 o-Terphenyl 17 09 - 739

Lab Sample ID: LCSD 880-29336/3-A Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Matrix: Solid

Client: Talon/LPE

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 Diesel Range Organics (Over 1000 1074 *1 107 mg/Kg 70 - 13021 20 C10-C28)

LCSD LCSD Surrogate %Recovery Qualifier Limits 09 - 739 7-Chlorooctane 12 o-Terphenyl 15 09 - 739

Lab Sample ID: 880-16697-A-21-F MS Client Sample ID: Matrix Spike Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 29250

Prep Batch: 29336 Sample Sample Spike MS MS Added Analyte Result Qualifier Result Qualifier Unit D %Rec Limits Gasoline Range Organics 32.0 JB 998 792.2 mg/Kg 76 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <15.0 U F1 *1 998 621.6 F1 mg/Kg 62 70 - 130

C10-C28)

MS MS %Recovery Qualifier Limits Surrogate 7-Chlorooctane 09 - 739 08 o-Terphenyl 03 09 - 739

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	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	32.0	JB	997	901.4		mg/Kg		87	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
7-Chlorooctane	13		09 - 739
o-Terphenyl	84		09 - 739

Dil Fac

Prep Type: Soluble

07/09/22 18:51

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

<0.858 U

Lab Sample ID: MB 880-29301/1-A Client Sample ID: Method Blank

Matrix: Solid

Analyte

Chloride

Analysis Batch: 29393

MB MB Result Qualifier RL MDL Unit D Prepared Analyzed

mg/Kg

0.858

Lab Sample ID: LCS 880-29301/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

5.00

Analysis Batch: 29393

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec 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 **Prep Type: Soluble**

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 Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 29393

MS MS Sample Sample Spike %Rec Analyte Qualifier Added Result Qualifier 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: 880-16699-1 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	

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	
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 Received: 07/08/22 12:24

Lab Sample ID: 880-16699-1 Date Collected: 07/07/22 14:10

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.

Authority	Pr	ogram	Identification Number	Expiration Date
Texas	Ni	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	y include analytes for whic
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

Method Summary

Job ID: 880-16699-1 Client: Talon/LPE Project/Site: Bellatrix 28H Fed #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

Sample Summary

Client: Talon/LPE

Project/Site: Bellatrix 28H Fed #1

Job ID: 880-16699-1

SDG: Eddy Co NM

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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Chain of Custody

	Rélinquished by: (Signature) Received by: (Signature)	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated	Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb Cırcle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA S			i	npled Sampled Depth comp	e: V	Seals: Yes No M/A	Yes No (A) Correction Factor 77	tact: Yes No Thermometer ID: Yes No	une lab, if received by 4:30pm	ic tallor	EAM (0 /1) M Due Date	ver 700794, 295, 6) □Rout	Project Name. Belluting 184 FeA # 1 Turn Around	十32-210-5443 Email		HOS W. TIME AUD Address.	Company Name: Company Name:	Project Manager KALIA TAULOY Bill to: (if different)	NI, צממטח	L Paso, T)	
1 d. dr. 1	Date/Time Relinquished by (Signature)	Eurofins Xenco, its affiliates and subcontractors, it assigns standard terms expenses incurred by the client if such losses are due to circumstances beyond to Eurofins Xenco, but not analyzed. These terms will be enforced unless	As Ba Be B Cd Ca Cr Co Cu Fe Pb M b As Ba Be Cd Cr Co Cu Pb Mn Mo Ni			7	10	Pt IE	hing X	8	3	<i>y</i>				ANALYSIS REQUE					DRION	10005, NW (5/3) 392-7350 Carisoad, NW (5/3) 988-3199	EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296	Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
	ıre) Received by (Signature) Date/Time	s and conditions ond the control spreviously negotiated.	g Mn Mo Ni K Se Ag SiO ₂ Na Sr Tl Sn U V Zn Se Ag Tl U Hg 1631/2451/7470/7471	880-16699 Chain of Custody			Sample Comments	NaOH+Ascorbic Acid SAPC	Zn Acetate+NaOH Zn	Na ₂ S ₂ O ₃ NaSO ₃	NaHSO / NARIS	H ₂ SO ₄ H ₂ NaOH Na		Cool Cool MeOH Me	None NO	JEST Preservative Codes	Deliverables. EDD ADaPT Other	Reporting Level III Level III PST/UST TRRP Level IV	roject:	Program: UST/PST PRP Brownfields RRC Superfund	omments	www.xenco.com Page of		Work Order No: 16619

Revised Date: 08/25/2020 Rev 2020.2

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 880-16655-1

SDG Number: Eddy Co NM

Login Number: 16699 List Source: Eurofins Midland

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	

/ OJ 2/0

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ANALYTICAL REPORT

America

Environment Testing

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

MAMER

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

Authorized for release by: 7/11/2022 1:54:16 PM

LINKS **Review your project**

results through EOL

Have a Question?



Visit us at:

www.eurofinsus.com/Env Released to Imaging: 10/26/2022 1:35:35 PM

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.

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**

U Indicates the analyte was analyzed for but not detected.

Glossary

%R

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

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

Decision Level Concentration (Radiochemistry) DLC

EDL Estimated Detection Limit (Dioxin) Limit of Detection (DoD/DOE) LOD LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" Minimum Detectable Activity (Radiochemistry) MDA Minimum Detectable Concentration (Radiochemistry) MDC

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

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) TFO

TNTC Too Numerous To Count

Eurofins Midland

Case Narrative

Client: Talon/LPE Job ID: 880-16900-1 Project/Site: Bellatrix 28H Fed #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 9/8/2022 12:27 PM4. nless otherwise noted below the samples arrived in , ood condition Land Luhere reggiredUproperly preserved and on ice4 The temperature outhe cooler at receipt time was f 495C

GC VOA

No additional analytical or gqality issges were noted bther than those described above or in the Deunitions/ Glossary pa, e4

GC Semi VOA

Method 801f M° DONM: The method blan upr preparation batch 880-2k336 and analytical batch 880-2k2f 0 contained Gasoline Ran, e ° r, anics (GR°)-C6-C10 and ° II Ran, e ° r, anics (° ver C28-C36) above the method detection limit4 This tar, et analyte concentration was less than the reportin, limit (RL); therewreUre-extraction and/or re-analysis ousamples was not perwrmed4

Method 801f M° DCNM: The RPD outhe laboratory control sample (LCS) and laboratory control sample dqplicate (LCSD) or preparation batch 880-2k336 and analytical batch 880-2k2f 0 recovered oqtside control limits upr the upllowin, analytes: Diesel Ran, e°r, anics (°ver C10-C28)4

Method 801f M° DCNM: The matrix spi e (MS) recoveries or preparation batch 880-2k336 and analytical batch 880-2k2f 0 were oqtside control limits4Non-homo, eneity is sqspected becaqse the associated laboratory control sample (LCS) recovery was within acceptance limits4

No additional analytical or ggality issges were noted Uother than those described above or in the Deunitions/ Glossary pa, e4

HPLC/IC

No additional analytical or ggality issges were noted Uother than those described above or in the Deunitions/ Glossary pa, e4

Client Sample Results

Client: Talon/LPE Job ID: 880-16700-1 Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

Client Sample ID: N-Comp

Lab Sample ID: 880-16700-1

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	1
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)	10		90 - 730				09/01/22 745 7	09/08/22 275 :	7
764-, B uorobenzene (Surr)	81		90 - 730				09/01/22 745 7	09/08/22 275 :	7
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	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	73.9		50.0	15.0	mg/Kg			07/11/22 10:03	
Method: 8015B NM - Diesel Ra	inge Organics (DI	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 Fa
7-i Clorooha ne	14		90 - 730				09/01/22 7a 5 0:	09/08/22 0: 539	7
o-TerpCenyl	17		90 - 730				09/01/22 7a 5 0:	09/08/22 0: 539	7
Method: 300.0 - Anions, Ion Cl	hromatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		5.05	0.007	mg/Kg			07/09/22 22:40	1

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)	702		90 - 730				09/01/22 745 7	09/08/22 2257:	7
764-, Duorobenzene (Surr)	14		90 - 730				09/01/22 745 7	09/08/22 2257:	7

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

Matrix: Solid

Date Received: 07/08/22 12:24

Ameliata	D. "	O1161	ъ.	MC:	11	_	Doorse	A II	Dil E
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	ge 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
7-i Cloroohd ne	1a		90 - 730				09/01/22 7a 5 0:	09/08/22 0: 5 1	7
o-TerpCenyl	83		90 - 730				09/01/22 7a 5 0:	09/08/22 0: 5 1	7
- Method: 300.0 - Anions, Ion Chi	romatography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	323		5.03	0.863	mg/Kg		<u> </u>	07/09/22 22:47	1

Surrogate Summary

Client: Talon/LPE Job ID: 880-16900-1
Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Re
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-16900-1	N-Co4 3	80	A8	
880-16900-2	S-Co4 3	102	87	
880-16911-k-1-k MS	Matrix S3iue	110	10p	
880-16911-k-1-B MSD	Matrix S3iue D53licate	119	AA	
LCS 880-2Ap2m/1-k	Lab Control Sa4 3le	10m	102	
LCSD 880-2Ap2m/2-k	Lab Control Sa4 3le D53	107	10p	
MB 880-2Ap2m/m-k	Method Blanu	AA	AO	

BFB = 7-Bro4 ofl5orobenzene (S5rr) DFBZ = 1,7-Difl5orobenzene (S5rr)

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

Matrix: Solid Prep Type: Total/NA

		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-166A9-k -21-F MS	Matrix S3iue	98	9p
880-166A9-k-21-G MSD	Matrix S3iue D53licate	Ар	87
880-16900-1	N-Co4 3	87	81
880-16900-2	S-Co4 3	86	Ар
LCS 880-2App6/2-k	Lab Control Sa4 3le	87	A1
LCSD 880-2App6/p-k	Lab Control Sa4 3le D53	A2	A6
MB 880-2App6/1-k	Method Blanu	109	118

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Ter3henyl

QC Sample Results

Client: Talon/LPE Job ID: 880-16900-1 Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-29325/5-A

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		09/08/22 17:51	09/04/22 16:11	1
Toluene	< 0.000756	U	0.00200	0.000756	mg/Kg		09/08/22 17:51	09/04/22 16:11	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		09/08/22 17:51	09/04/22 16:11	1
m-Xylene & p-Xylene	<0.00101	U	0.00700	0.00101	mg/Kg		09/08/22 17:51	09/04/22 16:11	1
o-Xylene	< 0.000377	U	0.00200	0.000377	mg/Kg		09/08/22 17:51	09/04/22 16:11	1
Xylenes, Total	< 0.00101	U	0.00700	0.00101	mg/Kg		09/08/22 17:51	09/04/22 16:11	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	11		09 - 739	90/98/22 74:	90/91/22 75:77	7
7,4-Difluorobenzene (Surr)	19		09 - 739	90/98/22 74:	67 90/91/22 75:77	7

Lab Sample ID: LCS 880-29325/1-A

Matrix: Solid

Analysis Batch: 29358

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

Prep Batch: 29325

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1065		mg/Kg		109	90 - 130	
Toluene	0.100	0.1030		mg/Kg		103	90 - 130	
Ethylbenzene	0.100	0.1054		mg/Kg		106	90 - 130	
m-Xylene & p-Xylene	0.200	0.2181		mg/Kg		104	90 - 130	
o-Xylene	0.100	0.1089		mg/Kg		104	90 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	796		09 - 739
7,4-Difluorobenzene (Surr)	792		09 - 739

Lab Sample ID: LCSD 880-29325/2-A

Matrix: Solid

Analysis Batch: 29358

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

Prep Batch: 29325

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1095		mg/Kg		108	90 - 130	1	35
Toluene	0.100	0.1029		mg/Kg		103	90 - 130	0	35
Ethylbenzene	0.100	0.1066		mg/Kg		109	90 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2148		mg/Kg		110	90 - 130	1	35
o-Xylene	0.100	0.1043		mg/Kg		104	90 - 130	1	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	794		09 - 739
7.4-Difluorobenzene (Surr)	793		09 - 739

Lab Sample ID: 880-16711-A-1-A MS

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: Matrix Spike	
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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	0.0448	0.04215		mg/Kg		42	90 - 130	
Toluene	0.00294		0.0448	0.08306		mg/Kg		80	90 - 130	

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Prep Batch: 29325

83

mg/Kg

90 - 130

Client Sample ID: Lab Control Sample

10

Prep Batch: 29336

QC Sample Results

Client: Talon/LPE Job ID: 880-16900-1 Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

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

Lab Sample ID: 880-16711-A-1-A MS Client Sample ID: Matrix Spike **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 29358

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Ethylbenzene 0.00148 0.0448 0.09965 96 90 - 130 mg/Kg m-Xylene & p-Xylene 0.00767 0.200 0.1581 mg/Kg 99 90 - 130 0.00324 0.0448 o-Xylene 0.09946 95 90 - 130 mg/Kg

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	779		09 - 739
7,4-Difluorobenzene (Surr)	793		09 - 739

Lab Sample ID: 880-16711-A-1-B MSD Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA

Matrix: Solid

o-Xylene

Analysis Batch: 29358 Prep Batch: 29325 Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Added Result Qualifier RPD Limit Analyte Unit %Rec Limits 0.100 0.04015 Benzene <0.000383 U mg/Kg 40 90 - 130 2 35 0.00294 Toluene 0.100 0.04061 mg/Kg 88 90 - 130 4 35 Ethylbenzene 0.00148 0.100 0.08859 86 90 - 130 35 mg/Kg 13 0.00767 0.200 90 - 130 35 m-Xylene & p-Xylene 0.1811 mg/Kg 88 17

0.08671

0.100

MSD MSD

0.00324

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	770		09 - 739
7,4-Difluorobenzene (Surr)	11		09 - 739

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

Lab Sample ID: MB 880-29336/1-A Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 29250

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	39.85	J	50.0	15.0	mg/Kg		09/08/22 16:05	09/08/22 21:01	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		09/08/22 16:05	09/08/22 21:01	1
Oll Range Organics (Over C28-C36)	16.04	J	50.0	15.0	mg/Kg		09/08/22 16:05	09/08/22 21:01	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
7-Chlorooctane	790		09 - 739	90/98/22 75:96	90/98/22 27:97	7
o-Terphenyl	778		09 - 739	90/98/22 75:96	90/98/22 27:97	7

Lab Sample ID: LCS 880-29336/2-A

Matrix: Solid

Analysis Batch: 29250							-	Batch: 29336
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1039		mg/Kg		107	90 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	865.4		mg/Kg		89	90 - 130	
C10-C28)								

Eurofins Midland

Prep Type: Total/NA

Client: Talon/LPE Job ID: 880-16900-1 Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

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

LCS LCS

%Recovery Qualifier

84

17

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 880-29336/2-A

Matrix: Solid

Analysis Batch: 29250

Prep Type: Total/NA

Prep Type: Total/NA

21

Prep Type: Total/NA

Prep Batch: 29336

16

20

Prep Batch: 29336

109

93

90 - 130

90 - 130

Client Sample ID: Lab Control Sample Dup

Limits

09 - 739

09 - 739

1000

Lab Sample ID: LCSD 880-29336/3-A **Matrix: Solid**

Analysis Batch: 29250

Diesel Range Organics (Over

Prep Batch: 29336 Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 1179 115 90 - 130 10 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10

1097 *1

mg/Kg

mg/Kg

C10-C28)

Surrogate

o-Terphenyl

7-Chlorooctane

LCSD LCSD Surrogate %Recovery Qualifier Limits 09 - 739 7-Chlorooctane 12 15 09 - 739 o-Terphenyl

Lab Sample ID: 880-16697-A-21-F MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 29250

Prep Batch: 29336 MS MS Sample Sample Spike Analyte Result Qualifier habba Result Qualifier Unit D %Rec Limits

Gasoline Range Organics 32.0 JΒ 448 942.2 mg/Kg 96 90 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <15.0 U F1 *1 448 621.6 F1 mg/Kg 62 90 - 130 C10-C28)

MS MS %Recovery Qualifier Limits Surrogate 09 - 7397-Chlorooctane 08 o-Terphenyl 03 09 - 739

Lab Sample ID: 880-16697-A-21-G MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 29250

MSD MSD RPD Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit Gasoline Range Organics 32.0 JΒ 449 401.7 mg/Kg 89 90 - 130 13 20 (GRO)-C6-C10

929.9

449

Diesel Range Organics (Over C10-C28)

MSD MSD %Recovery Qualifier Surrogate Limits 7-Chlorooctane 13 09 - 739 84 09 - 739 o-Terphenyl

Eurofins Midland

20

<15.0 U F1 *1

Dil Fac

Client Sample ID: Method Blank

Analyzed

09/04/22 18:51

Client Sample ID: Matrix Spike

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

QC Sample Results

Client: Talon/LPE Job ID: 880-16900-1 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

MB MB

Analyte Result Qualifier RL MDL Unit D Prepared Chloride <0.858 U 5.00 0.858 mg/Kg

Lab Sample ID: LCS 880-29301/2-A

Matrix: Solid

Analysis Batch: 29393

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 225.9 mg/Kg 40 40 - 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 40 - 110

Lab Sample ID: 880-16698-A-14-G MS

Matrix: Solid

Analysis Batch: 29393

MS MS Sample Sample Spike %Rec Analyte Qualifier Added Result Qualifier Result Unit %Rec Limits Chloride 17.5 250 269.3 101 40 - 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 17.5 268.4 mg/Kg 102 40 - 110 20

QC Association Summary

Client: Talon/LPE Job ID: 880-16900-1
Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

GC VOA

Prep Batch: 29325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16900-1	N-CoA4	Total/Nh	Solid	5035	
880-16900-2	S-CoA4	Total/Nh	Solid	5035	
MB 880-2k325/5-h	Metmod Blanp	Total/Nh	Solid	5035	
LCS 880-2k325/1-h	Lab Control SaA 4le	Total/Nh	Solid	5035	
LCSD 880-2k325/2-h	Lab Control SaA 4le Du4	Total/Nh	Solid	5035	
880-16911-h-1-h MS	Matrix S4ipe	Total/Nh	Solid	5035	
880-16911-h-1-B MSD	Matrix S4ipe Du4licate	Total/Nh	Solid	5035	

Analysis Batch: 29358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16900-1	N-CoA4	Total/Nh	Solid	8021B	2k325
880-16900-2	S-CoA4	Total/Nh	Solid	8021B	2k325
MB 880-2k325/5-h	Metmod Blanp	Total/Nh	Solid	8021B	2k325
LCS 880-2k325/1-h	Lab Control SaA 4le	Total/Nh	Solid	8021B	2k325
LCSD 880-2k325/2-h	Lab Control SaA 4le Du4	Total/Nh	Solid	8021B	2k325
880-16911-h-1-h MS	Matrix S4ipe	Total/Nh	Solid	8021B	2k325
880-16911-h-1-B MSD	Matrix S4ipe Du4licate	Total/Nh	Solid	8021B	2k325

Analysis Batch: 29422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16900-1	N-CoA4	Total/Nh	Solid	Total BTE7	
880-16900-2	S-CoA4	Total/Nh	Solid	Total BTE7	

GC Semi VOA

Analysis Batch: 29250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16900-1	N-CoA4	Total/Nh	Solid	8015B NM	2k336
880-16900-2	S-CoA4	Total/Nh	Solid	8015B NM	2k336
MB 880-2k336/1-h	Metmod Blanp	Total/Nh	Solid	8015B NM	2k336
LCS 880-2k336/2-h	Lab Control SaA4le	Total/Nh	Solid	8015B NM	2k336
LCSD 880-2k336/3-h	Lab Control SaA 4le Du4	Total/Nh	Solid	8015B NM	2k336
880-166k9-h-21-F MS	Matrix S4ipe	Total/Nh	Solid	8015B NM	2k336
880-166k9-h-21-G MSD	Matrix S4ipe Du4licate	Total/Nh	Solid	8015B NM	2k336

Prep Batch: 29336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16900-1	N-CoA 4	Total/Nh	Solid	8015NM Pre4	
880-16900-2	S-CoA4	Total/Nh	Solid	8015NM Pre4	
MB 880-2k336/1-h	Metmod Blanp	Total/Nh	Solid	8015NM Pre4	
LCS 880-2k336/2-h	Lab Control SaA 4le	Total/Nh	Solid	8015NM Pre4	
LCSD 880-2k336/3-h	Lab Control SaA 4le Du4	Total/Nh	Solid	8015NM Pre4	
880-166k9-h-21-F MS	Matrix S4ipe	Total/Nh	Solid	8015NM Pre4	
880-166k9-h-21-G MSD	Matrix S4ipe Du4licate	Total/Nh	Solid	8015NM Pre4	

Analysis Batch: 29415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16900-1	N-CoA4	Total/Nh	Solid	8015 NM	
880-16900-2	S-CoA4	Total/Nh	Solid	8015 NM	

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QC Association Summary

Client: Talon/LPE Job ID: 880-16900-1
Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

HPLC/IC

Leach Batch: 29301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16900-1	N-CoA 4	Soluble	Solid	DI Leacm	
880-16900-2	S-CoA4	Soluble	Solid	DI Leacm	
MB 880-2k301/1-h	Metmod Blanp	Soluble	Solid	DI Leacm	
LCS 880-2k301/2-h	Lab Control SaA 4le	Soluble	Solid	DI Leacm	
LCSD 880-2k301/3-h	Lab Control SaA 4le Du4	Soluble	Solid	DI Leacm	
880-166k8-h-1s-G MS	Matrix S4ipe	Soluble	Solid	DI Leacm	
880-166k8-h-1s-H MSD	Matrix S4ipe Du4licate	Soluble	Solid	DI Leacm	

Analysis Batch: 29393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16900-1	N-CoA4	Soluble	Solid	300.0	2k301
880-16900-2	S-CoA4	Soluble	Solid	300.0	2k301
MB 880-2k301/1-h	Metmod Blanp	Soluble	Solid	300.0	2k301
LCS 880-2k301/2-h	Lab Control SaA4le	Soluble	Solid	300.0	2k301
LCSD 880-2k301/3-h	Lab Control SaA 4le Du4	Soluble	Solid	300.0	2k301
880-166k8-h-1s-G MS	Matrix S4ipe	Soluble	Solid	300.0	2k301
880-166k8-h-1s-H MSD	Matrix S4ipe Du4licate	Soluble	Solid	300.0	2k301

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Lab Chronicle

Client: Talon/LPE Job ID: 880-16900-1 Project/Site: Bellatrix 28H Fed #1 SDG: Eddy Co NM

Client Sample ID: N-Comp

Date Collected: 07/07/22 13:00 Date Received: 07/08/22 12:24 Lab Sample ID: 880-16700-1

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	2X325	09/08/22 17:51	MR	4EN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	2X358	09/0X/22 21:55	AJ	4EN MID
Total/NA	Analysis	Total BTE4		1			2X722	09/11/22 11:06	SM	4EN MID
Total/NA	Analysis	8015 NM		1			2X715	09/11/22 10:03	SM	4EN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.00 g	10 mL	2X336 2X250	09/08/22 16:05 09/0X/22 05:39	AM SM	4EN MID 4EN MID
Soluble Soluble	Leach Analysis	DI Leach 300.0		1	7.X5 g	50 mL	2X301 2X3X3	09/08/22 12:31 09/0X/22 22:70	SMC CH	4EN MID 4EN 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	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.X9 g	5 mL	2X325	09/08/22 17:51	MR	4EN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	2X358	09/0X/22 22:15	AJ	4EN MID
Total/NA	Analysis	Total BTE4		1			2X722	09/11/22 11:06	SM	4EN MID
Total/NA	Analysis	8015 NM		1			2X715	09/11/22 10:03	SM	4EN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	2X336	09/08/22 16:05	AM	4EN MID
Total/NA	Analysis	8015B NM		1			2X250	09/0X/22 05:58	SM	4EN MID
Soluble	Leach	DI Leach			7.X9 g	50 mL	2X301	09/08/22 12:31	SMC	4EN MID
Soluble	Analysis	300.0		1			2X3X3	09/0X/22 22:79	CH	4EN MID

Laboratory References:

4EN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, T4 9X901, TEL (732)907-5770

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	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 certifi	ed by the governing authority. This list ma	y include analytes for w
the agency does not of	• •	, , ,	ou by the governming dutiestry.	y moiddo dhaiytoo ioi w
the agency does not of Analysis Method	• •	Matrix	Analyte	y molade analytee for w
0 ,	fer certification.	•	, , ,	

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XEN MID

XEN MID

SW846

ASTM

Method Summary

Client: Talon/LPE

Job ID: 880-16900-1

Project/Site: Bellatrix 28H Fed #1

SDG: Eddy Co NM

Method **Method Description** Protocol Laboratory 8021B Volatile Organic Compounds (GC) SW846 XEN MID **Total BTEX Calculation** Total BTEX 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 SW846 XEN MID Closed System Purge and Trap

Protocol References:

8015NM Prep

DI Leach

ASTM = ASTM International

Microextraction

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-97-020, March 1783 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1786 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Deionized Water Leaching Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 97901, TEL (432)904-5440

Eurofins Midland

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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	

Refinquished by (Signature)

Receifed by (Signature)

Date/Time

Relinquished by (Signature)

Received by: (Signature)

Date/Time

Revised Date: 08/25/2020 Rev 2020.:

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eurofins

Xenco

Environment Testing

Chain of Custody

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-129 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-31 Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

State of Project:	Program: UST/F			99	36	§334 V	•
	Program: UST/PST ☐ PRP☐ Brownfields ☐ RRC ☐ Superfund ☐	Work Order Comments	www.xenco.com Page of	Olisiake, a		Work Order No: 10 100	とうつ

	ses or expenses incurred by the client if such losses are due to officianstances beyond the control to the cont	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. 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.
		otice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofus Xenco, its affiliates and subcontractors. It assigns changed the constitutes a valid purchase order from client company to Eurofus Xenco, its affiliates and subcontractors.
51/7470/7471	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631/245 1/7470 /7471	nd Metal(s) to be analyzed TCLP / SPLP 6010
Sr TI Sp 1/ 7p	8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cii Fe Ph Mg Mn Mo Ni K Se Ag SiO Na Sr	Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 1
/		
nain of Custody	Chain of Custody	
	880.16700 C	
The second secon	ーメメス	S- Comp S 7-1-30 1345 C
The second secon	- × 大 大	V- COMP 5 7-7-22 1300 C
Sample Comments	np Cont Tr	Sample Identification Matrix Sampled Sampled Depth Comp
NaOH+Ascorbic Acid SAPC	1/0 1/0	Total Containers: Corrected Temperature: S. 7
Zn Acetate+NaOH Zn	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Sample Custody Seals. Yes No (N/A) Temperature Reading $S.O$
Na 25 203 NaSO 3	Pa 80	Correction Factor
NaHSO A NABIS	1	amples Received Intact: Yes No Thermometer ID:
	eters SA Q	SAMPLE RECEIPT Jean Blank: Yes No Wet Ice: Mes No
5	30	70#
	00.	iampler's Name. C TRUIC TAT starts the day received by
	0.0	roject Location. Fally Co., AM Due Date.
None NO DI Water H ₂ O	Pres Code	roject Number 700794, 245, 61 Routine Rush 48
Preservative Codes	ANALYSIS REQUEST	roject Name: Bollothix 28H Fol #1 Turn Around
ADaPT Other	Deliverables. EDD ADal	hone 432-210-5443 Email
PST/UST TRRP Level IV	Reporting Level II Level III PST/UST TRRP Level IV	City, State ZIP CLC, WM City, State ZIP
	The second secon	2

SAMPLE RECEIPT

Sampler's Name.

Project Number

City, State ZIP-

ddress:

Company Name

0

XXX

Address:

Bill to' (if different)

SPERIT

Company Name

Project Manager

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	
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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ANALYTICAL REPORT

America

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

Environment Testing

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: 8/22/2022 4:40:39 PM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

Review your project results through EOL

Have a Question?



Visit us at:

www.eurofinsus.com/Env Released to Imaging: 10/26/2022 1:35:35 PM

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: 890-2767-1
Project/Site: Bellatrix 28 Fed 01H 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

Quaimer	Quaimer 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.

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 Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

Eurofins Carlsbad

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 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 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.

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)			97 - 307				71/27/22 335 :	71/22/22 375⁄28	3
364-, Eluorobenzene (Surr)	370		97 - 307				71/27/22 335 :	71/22/22 37528	3
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	ne Organics (DR	O) (GC)							
Analyte	•	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		D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15.1	JBF1	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	Qualifier	Limits				Prepared	Analyzed	Dil Fac
3-i Cloroohd ne	2	S3-	97 - 307				71/3a/22 39 5 44	71/27/22 23531	3
o-TerpCenyl	0	S3-	97 - 307				71/3a/22 39 <i>5</i> 44	71/27/22 23531	3
Method: 300.0 - Anions, Ion Ch	romatography -	Soluble							
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac

4.99

0.857 mg/Kg

60.3

Eurofins Carlsbad

08/19/22 21:54

Chloride

Surrogate Summary

Client: Talon/LPE Job ID: 890-2767-1 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-Bromofluorobenzene	(Surr)			
DFBZ = 1,4-Difluorobenzene	(Surr)			

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-2767-1	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

QC Sample Results

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

Analysis Batch: 32572

Matrix: Solid

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	•
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		08/20/22 11:38	08/21/22 15:32	
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		08/20/22 11:38	08/21/22 15:32	
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		08/20/22 11:38	08/21/22 15:32	
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		08/20/22 11:38	08/21/22 15:32	
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		08/20/22 11:38	08/21/22 15:32	

MB MB

MR MR

Result Qualifier

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	10		19 - 739		9/ 259255 7788/	9/ 257255 7: 885	7
7,4-Difluorobenzene (Surr)	776		19 - 739	g	9/ 259255 7788/	9/ 257255 7: 885	7

Lab Sample ID: MB 880-32565/5-A

Matrix: Solid

Analyte

Analysis Batch: 32572

Client Sample ID: Method Blank

Analyzed

Prepared

Prep Type: Total/NA

Prep Batch: 32565

Dil Fac

Benzene <0.000385 U 0.00200 0.000385 mg/Kg 08/20/22 11:55 08/22/22 03:08 Toluene <0.000456 U 0.00200 0.000456 mg/Kg 08/20/22 11:55 08/22/22 03:08 Ethylbenzene <0.000565 U 0.00200 0.000565 mg/Kg 08/20/22 11:55 08/22/22 03:08 08/20/22 11:55 m-Xylene & p-Xylene <0.00101 U 0.00400 0.00101 mg/Kg 08/22/22 03:08 0.000344 mg/Kg o-Xylene <0.000344 U 0.00200 08/20/22 11:55 08/22/22 03:08 Xylenes, Total <0.00101 U 0.00400 0.00101 mg/Kg 08/20/22 11:55 08/22/22 03:08

RL

MDL Unit

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	10		19 - 739	9/ 25925 778 :	9/ 25525 9389/	7
7,4-Difluorobenzene (Surr)	77:		19 - 739	9/ 2 59 2 5 778 :	9/ 25255 9389/	7

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)	796	19 - 739
7.4-Difluorobenzene (Surr)	794	19 - 739

Lab Sample ID: LCSD 880-32565/2-A

Matrix: Solid

Analysis Batch: 32572

Client Sample	ID:	Lab	Control	Sample Dup
			Dron T	mar Total/NIA

Prep Type: Total/NA

Prep Batch: 32565

	эріке	LCSD LCSD				%Rec		KPD	
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.08950	mg/Kg		89	70 - 130	7	35	

Eurofins Carlsbad

Released to Imaging: 10/26/2022 1:35:35 PM

QC Sample Results

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**

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)	790		19 - 739
7,4-Difluorobenzene (Surr)	04		19 - 739

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

Lab Sample ID: MB 880-32542/1-A

Matrix: Solid

Analysis Batch: 32551

Analysis Batch: 32572

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32542

Result Qualifier RLMDL Unit Prepared Analyzed Dil Fac Analyte 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) OII Range Organics (Over C28-C36) 24.31 J 50.0 15.0 mg/Kg 08/19/22 17:44 08/20/22 20:12

MR MR

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
7-Chlorooctane	15		19 - 739	9/270255 71844	9/ 259255 59875	7
o-Terphenyl	14		19 - 739	9/ 270255 71844	9/ 259255 59875	7

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 70 - 130 Diesel Range Organics (Over 79

C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits		
7-Chlorooctane	/4		19 - 739		
o-Terphenyl	/4		19 - 739		

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)								

Eurofins Carlsbad

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 Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA Analysis Batch: 32551 Prep Batch: 32542

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
7-Chlorooctane	01		19 - 739
o-Terphenyl	00		19 - 739

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 48.7 JBF1 45.54 J F1 mg/Kg -0.3 70 - 130C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 7 S7-19 - 739 7-Chlorooctane o-Terphenyl 5 S7-19 - 739

Lab Sample ID: 890-2767-1 MSD Client Sample ID: S-35 **Matrix: Solid**

Prep Type: Total/NA **Analysis Batch: 32551** Prep Batch: 32542

Sample Sample Spike MSD MSD Analyte Result Qualifier habba Result Qualifier Unit %Rec Limits 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

MSD MSD

%Recovery Qualifier Surrogate Limits S7-19 - 739 7-Chlorooctane 7 19 - 739 o-Terphenyl 5 S7-

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

C10-C28)

MB MB Analyte Result Qualifier RLMDL Unit D Prepared Analyzed Dil Fac 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

Matrix: Solid Analysis Batch: 32603

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit Limits Chloride 250 246.0 mg/Kg 90 - 110

Eurofins Carlsbad

Prep Type: Soluble

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/Kg		97	90 - 110	2	20

270

Eurofins Carlsbad

QC Association Summary

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

Job ID: 890-2767-1 SDG: 700794.295.01

GC VOA

Prep Batch: 28902

4aL Sample II	Chient Samphe II	Prep Dype	T atriM	T ethox	Prep Batch
MB 880-32563/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 28909

4aL Sample II	Chient Samphe II	Prep Dype	T atriM	T ethox	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: 289d8

4aL Sample II 890-2767-1	Client Sample II S-35	Prep Dype Total/NA	Solid	T ethox 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: 28017

4aL Sample II	Client Sample II	Prep Dype	T atriM	T ethox	Prep Batch
890-2767-1	S-35	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 28938

4aL Sample II	Client Sample II	Prep Dype	T atriM	T ethox	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: 2899(

4aL Sample II	Client Sample II	Prep Dype	T atriM	T ethox	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: 28009

4aL Sample II	Client Sample II	Prep Dype	T atriM	T ethox	Prep Batch
890-2767-1	S-35	Total/NA	Solid	8015 NM	

) P4C5C

4each Batch: 2838(

4aL Sample II 890-2767-1	Cibent Sample II S-35	Prep Dype Soluble	T atriM Solid	T ethox DI Leach	Prep Batch
MB 880-32421/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32421/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

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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

) P4C5C @ontinuexH

4each Batch: 2838(@ContinuexH

4aL Sample II	Cijent Sampte II	Prep Dype	T atriM	T ethox	Prep Batch
LCSD 880-32421/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 280/ 2

4aL Sampte II	Client Sample II	Prep Dype	T atriM		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: 80- 165r 51j

 PcoSeBt/x ite: 2ellatdF 68 deH- j G
 x Dy : 5-- 50NM00pMj

Client Sample ID: S-35 Lab Sample ID: 890-2767-1

Date Collected: 08/08/22 10:30

Date Received: 08/17/22 15:48

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/A4	Pæ3	p- Rp			NM 00.	p 9 L	R6pr p	- 8/6- /66 j j :pp	7 X	EET 7 ID
Total/A4	4 nalgmim	8-6j 2		j	p 9 L	p 9 L	R6p56	- 8/66/66 j - :6r	7 X	EET 7 ID
Total/A4	4 nalgmim	Total 2TEs		j			R6r 08	- 8/66/66 j N:Rp	x 7	EET 7 ID
Total/A4	4 nalgmim	8- j p A7		j			R6rrp	- 8/66/66 j R60	x7	EET 7 ID
Total/A4	Pæ3	8-jpA7 Pæ3			j - Mj .	j - 9 L	R6pN6	- 8/j 0/66 j 5:NN	D7	EET 7 ID
Total/A4	4 nalgnim	8-j p2 A7		j			R 6ррј	- 8/6- /66 6j :j 8	x7	EET 7 ID
x oluble	LeaBh	DI LeaBh			рМј.	p- 9 L	R6N6j	- 8/j 8/66 j - :R8	CG	EET 7 ID
x oluble	4 nalgmim	R M		j			R6r - R	- 8/j 0/66 6j :pN	CG	EET 7 ID

Laboratory References:

EET 7 ID f Eu∞÷nm7 iHanH, j 6j j WMdlodHa 4ve, 7 iHanH, Ts 505- j , TEL (NR6)5- MpNN-

Euco≑nmCadnbaH

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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 certifi	ed by the governing authority. This list ma	ay 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	Analyte Total TPH	

Method Summary

ient Ta / Leo TRESG

Sjoot BaRinat: x teel ajn 2:68 FtH-IW

Job ID: 80-165C51

d Dy: 5--50N**6**0r MI

Method	Method Description	Protocol	Laboratory
8- 6l x	VoeLande OjgLTnBi ompouTHs (y i)	d4 8NC	GG/ XID
oaLex/GR	/oaLex/GRiLeBueLanoT	/ AEdOS	GG/ XID
8-1 r 3 X	Drtste. LTgt OjgLTrBs (D. O) (y i)	d4 8NC	GG/ XID
3-Irx 3X	Dntste. LTgt OjgLTnBs (D. O) (yi)	d4 8NC	GG/ XID
M	ATmoTshloTi zjomLægjLpz=	Xi A4 4	GG/ XID
-, r	ieostHd≔salm SujgtLTH/jLp	d4 8NC	GG/ XID
3-Ir3X Sjtp	XmBjot2ajLBanoT	d4 8NC	GG/ XID
OI Et LBz	Dt noTn't H4 Lat j Et LBznTg SjoBt Hujt	Ad/ X	GG/ XID

Protocol References:

Ad/X f Ad/X ITatjTLanoTLe

Xi A4 4 f 7Xt azoHs Foj i zt mrBLeATLessrs O94 Lat j ATH4 Lsat s7hGSA1C- - RN501-6- hX LjBz I 08, ATH dubst qut Ta. t vrsroTsM / AEdOS f / t saAmt jnBL ELboj Laoj nt shd aLTHLj H Opt j LanTg SjoBt Hujt

Laboratory References:

GG/ XID f Gujo97Ts XrH&THhI 611 4 MFejrHL Avt hXrH&THh/ R 505-1 h/ GE (N, 6)5- Nr NN-

Gujo9nTsi LjesbLH

Sample Summary

Client: Talon/LPE

Project/Site: Bellatrix 28 Fed 01H

Job ID: 890-2767-1

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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Relinquished by: (Signature)

Received by: (Signature)

217.30 127X

Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Rovised Date: 08/25/2020 Rev. 2020.2

Matthon

SOMEZ

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Environment Testi

Phone:

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

	FUALLOL	Environment lesting	Sun	Midland,	TX (432	Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334	San Antor	110, TX (21	0) 509-3334			Wo	rk Or	Work Order No:		
	Xemco			EL Pas	o, TX (9	EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296	3, Lubbocl	k, TX (806	794-1296							
				Hobbs,	NM (57	Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199	Carlsbad	, NM (575) 988-3199			s	ww.xer	www.xenco.com	Page of	-
Project Manager: K. T	K. Taylor		B:	Bill to: (if different)									Work	Order	Work Order Comments	
	Talon LPE		Co	Company Name:							Program:	UST/PST	☐ PRP	Brow	Program: UST/PST ☐ PRP☐ Brownfields ☐ RRC ☐ Superfund ☐	erfund 🔲
	408 W. Texas Ave		Ac	Address:							State of Project:	roject:]
te ZIP:	Artesia, NM 88210		Ci	City, State ZIP:							Reporting:	Level II] Level I	III □ PS	Reporting: Level II Level III PST/UST TRRP L	Level IV
	575.746.8768		Email:								Deliverables: EDD	s: EDD		ADaPT 🗆	T Other:	
oroject Name:	Bellatrix 28 Fed 01H	01H	Turn Around	ound					ANALYSIS REQ	IS REQU	UEST				Preservative Codes	des
oroject Number:	700794.295.01	01	□Routine [Pres. Code								-		None: NO DI Wa	DI Water: H ₂ O
oroject Location:	Eddy County, NM		Due Date:	2)my					_						Cool: Cool MeOH: Me	∜: Me
Sampler's Name:	M. Gomez		TAT starts the day received by	ay received by					_	_	_	_	_		HCL: HC HNO3: HN	HZ
00#	21005322		the lab, if received by 4:30pm	ed by 4:30pm	rs										H ₂ S0 ₄ ; H ₂ NaOH: Na	: Na
SAMPLE RECEIPT	Temp Blank:	No No	Wet Ice:	Kes No	nete		_								H ₃ PO ₄ : HP	
Samples Received Intact:	Yes No	Thermometer ID:	N	F 00 7	aran										NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	ctor:	9	Pa										Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	No NA	Temperature Reading:	Reading:	7.00				+	890-2767 Chain o	Chain of	Custody			1	Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature	nperature:	0		les			_	-	_	_		_	NaOH+Ascorbic Acid: SAPC	SAPC
Sample Identification	ation Matrix	Date Sampled	Time Sampled D	Depth Comp	# of Cont	Chlorid	ТРН								Sample Comments	ents
S-35	Soil	8/8/2022	10:30	0' Comp		×	×						-		Email analyticals to	s to.
					_										ktaylor@talonlple.com	com
														_	mgomez@talonipe.com	e.com
								+	+		+		+			
							_									
									-				_			
					\prod		\parallel	H			-			-		
					-		-	-			-		+	+		
											-					
Total 200.7 / 6010	200.8 / 6020:	8RC	8RCRA 13PPM	Texas 11 Al Sb As	Al Sb	As Ba Be	ω.	cd ca c	Cr Co Cu Fe	РЬ	Mg Mn Mo	o Ni K Se	Se Ag	SiO ₂	SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed	letal(s) to be analy	zed	TCLP / SPLI	TCLP / SPLP 6010: 8RCRA		b As Ba	Be Cd	Cr Co	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U	in Mo	li Se Ag	T U	급	; 1631	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	nent and relinquishment	of samples constit	tutes a valid purc	nase order from c	lient con	pany to Euro	fins Xenco), its affiliat	es and subco	ntractors. I	t assigns star	ndard term	s and con	ditions		
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 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotia	the liable only for the cos the charge of \$85.00 will be	it of samples and applied to each pu	shall not assume roject and a char	any responsibility se of \$5 for each s	for any sample s	losses or exp	enses incu	arred by the	t analyzed. Th	nese terms	will be enforced unless previously negotiated.	ed unless p	eyona trie	negotiate	d.	

Login Sample Receipt Checklist

Client: Talon/LPE Job Number: 890-2767-1

SDG Number: 700794.295.01

List Source: Eurofins Carlsbad Login Number: 2767

List Number: 1 Creator: Clifton, Cloe

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

List Source: Eurofins Midland

Login Number: 2767 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 <6mm (1/4").	N/A	

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 151497

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	151497
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

	d Condition	Condition Date
Ву		
bhall	None	10/26/2022