

Soil Assessment and Remediation Work Plan

EK 29 BS2 Federal Com #002H Lea County, NM API # 30-025-43676 Incident # NRM2023360724

Prepared For:

Prima Exploration, Inc 250 Fillmore St. Suite 500 Denver, CO 80206

Prepared By:

TALON/LPE 408 W. Texas Avenue Artesia, NM 88210

November 17, 2020

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NMOCD District 1 1625 N. French Drive Hobbs, NM 88240

Mr. Jim Amos Bureau of Land Management 602 E. Green Street Carlsbad, NM 88220

Subject: Soil Assessment and Remediation Work Plan EK 29 BS2 Federal Com #002H Lea County, New Mexico API # 30-025-43676 Incident # NRM2023360724

Prima Exploration, Inc has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The results of our soil assessment and proposed remediation activities are contained herein.

Site Information

The EK 29 BS2 Federal Com #002H is located approximately twenty-two (22) miles west of Hobbs, New Mexico. The legal location for this release is Unit Letter B, Section 29, Township 18 South and Range 34 East in Lea County, New Mexico. More specifically the latitude and longitude for the release are 32.7253992 North and -103.5786252 West. Site plans are presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Tonuco loamy fine sand (Appendix II). Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is lower Pliocene to middle Miocene in age and is comprised of eolian and alluvial deposits. Drainage courses in this area are typically well drained.

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 108-feet below ground surface (BGS). See Appendix II for the referenced groundwater data.

Site Characterization

Pursuant to Table I, New Mexico Oil Conservation Division (NMOCD) Rule 19.15.29 of the New Mexico Administrative Code (NMAC), if a release occurs within the following areas, the responsible party must treat the release as if it occurred less than 50 feet to the groundwater.

Approximate Depth to	Groundwater	108 Feet/BGS
∏Yes ⊠No	Within 300 feet of any continuously flowing wate any other significant watercourse	srcourse or
□Yes ⊠No	Within 200 feet of any lakebed, sinkhole or playa	a lake
□Yes ⊠No	Within 300 feet from an occupied permanent res school, hospital, institution or church	sidence,
□Yes ⊠No	Within 500 feet of a spring or a private, domestic well used by less than five households for dome watering purposes	c fresh water estic or stock
∐Yes ⊠No	Within 1000 feet of any fresh water well or sprin	g
□Yes ⊠No	Within incorporated municipal boundaries or wit municipal fresh water well field covered under a ordinance adopted pursuant to Section 3-2703 I	hin a defined municipal NMSA 1978
∐Yes ⊠No	Within 300 feet of a wetland	
□Yes ⊠No	Within the area overlying a subsurface mine	
∐Yes ⊠No	Within an unstable area	
∐Yes ⊠No	Within a 100-year floodplain	

As this incident occurred in an area with depth to groundwater of greater than 100-feet BGS, the closure criteria for this site is as follows:

Table I Closure Criteria for Soils Impacted by a Release							
Minimum depth below the release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit				
>100 feet	Chloride***	EPA 300.0 or SM4500 CI B	20,000 mg/kg				
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg				
	GRO+DRO	EPA SW-846 Method 8015M	1,000 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 August 11, 2020, 15 barrels (bbls) of produced water (5 of which were recovered) and 10 bbls of crude oil (5 bbls recovered) were released from a failed 1-inch nipple on the wellhead tree. The initial and subsequent C-141 Forms are attached in Appendix III. The flow path extends approximately 223 feet in length by 125 feet wide and flowed westward across the location. The impacted area is illustrated on the attached site plan (Appendix I).

Site Assessment

On October 5, 2020, Talon mobilized personnel to begin the site assessment and soil sampling activities for the construction of a remediation plan. Due to hard rock refusal encountered with a hand auger, Talon mobilized personnel and a backhoe to the site on November 6, 2020 to collect additional samples from greater depths. Hard rock refusal was again encountered with a backhoe. Results from our two sampling events are presented on the following data table. Complete laboratory reports can be found in Appendix V.

Sample ID	Sample	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl	Field
	Date	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Titrations
NMOCD	Table 1 Closur	e Criteria	50 mg/kg	10 mg/kg	DRO + GRO	combined =		2500 mg/kg	20,000	Chlorides
1	19.15.29 NMA	C			1000	mg/kg			mg/kg	
S-1	10/5/2020	0-1' R	ND	ND	ND	69.4	17.1	86.5	8460	
	10/5/2020	0-1' R	0.565	ND	739	12000	1610	14349	2300	
S-2	11/6/2020	2'	NT	NT	NT	NT	NT	0	695	531.75
	11, 0, 2020	3' R	NT	NT	NT	NT	NT	0	121	106.35
S-3	10/5/2020	0-1'	ND	ND	ND	613	96	709	23400	
	10, 3, 2020	1.5' R	ND	ND	ND	43.6	ND	43.6	2170	
S-4	10/5/2020	0-1' R	ND	ND	ND	27.1	ND	27.1	9780	
S E	10/5/2020	0' R	ND	ND	ND	26.6	ND	26.6	12900	
3-5	11/6/2020	2.5' R	NT	NT	NT	NT	NT	0	563	382.86
10/5/2020		0' R	51.9	ND	1930	23500	2270	27700	2650	
5-0	11/6/2020	2' R	NT	NT	29.8	45.1	15.3	90.2	NT	92.17
	10/5/2020	0' R	80.2	ND	2010	28900	3110	34020	519	
5-7	11/6/2020	2' R	0.176	ND	413	4220	406	5039	NT	70.9
S-8	10/5/2020	0-0.5' R	47.0	ND	1530	20500	2170	24200	357	
S-9	10/5/2020	0-0.5' R	0.876	ND	390	9170	962	10522	6460	
	10/5/2020	0-0.5' R	ND	ND	ND	13100	1320	14420	3590	
S-10	11/6/2020	2'	NT	NT	28.9	93.2	26.5	148.6	NT	70.9
		4.5' R	NT	NT	28.9	89.9	21.5	140.3	NT	56.72
	10/5/2020	0-0.5' R	36.5	ND	1760	21200	1910	24870	283	
S-11	11/6/2020	2'	6.4	ND	157	2440	307	2904	NT	184.34
	11/0/2020	4'	0.343	ND	28.9	28.3	17.9	75.1	NT	106.35
PC 1	10/5/2020	0'	ND	ND	ND	1660	590	2250	2700	
BG-1	11/6/2020	2.5' R	ND	ND	144	773	124	1041	NT	347.41
	10/5/2020	0'	ND	ND	ND	2020	326	2346	511	
BG-2	11/0/2020	0-1'	NT	NT	164	1730	276	2170	NT	
	11/6/2020	2.5' R	NT	NT	31.5	39.8	16.7	88.0	NT	56.72
BG-3	10/5/2020	0'	ND	ND	ND	193	84.5	277.5	1670	
	10/5/2020	0'	ND	ND	ND	36.4	35	71.4	1020	
BG-4	44/6/2022	0-1'	NT	NT	NT	NT	NT	0	165	
	11/6/2020	2.5' R	NT	NT	NT	NT	NT	0	150	134.71
BG-5	10/5/2020	0'	ND	ND	ND	29.7	22.2	51.9	14.6	
NT = Analyte Not Tested, ND = Analyte Not Detected, BG = Background, R = Refusal with hand auger (10/5/20) or backhoe										
(11/6/20)										

Table 1, Site Assessment Analytical Data

Proposed Remedial Actions

- The impacted areas in the vicinity of sample locations BG-1, S-3, S-6, S-8, S-9 and S-10 will be excavated to a depth of 1.0-feet BGS.
- The impacted area in the vicinity of sample point S-2 will be excavated to 2.0-feet BGS.
- The impacted areas at sample locations S-7 and S-11 will be excavated to a depth of 3.0-feet deep.
- The area at sample point BG-4 (off pad) will be excavated to 1.0-feet BGS. The clean up criteria for the off pad remediation in this area will be 600 mg/kg for Total Chlorides, 100 mg/kg for TPH, 50 mg/kg BTEX and 10 mg/kg Benzene.
- Field titrations for chlorides and a PID meter will be utilized during the remediation process to guide the excavation.
- Pursuant to NMOCD guidance, confirmation soil samples will be collected at 200 square foot intervals and analyzed for TPH, BTEX and Total Chlorides to insure NMOCD closure criteria has been met.
- The excavated areas on the well pad will be backfilled with new caliche, machine compacted and contoured to match the surrounding location.
- The excavated area off pad will be backfilled with like material obtained from a local material pit. The area with be contoured to match the surrounding terrain and seeded with a 50/50 percent mixture of BLM #1 and BLM #2 seed mix. The seeding label will be attached in the closure report.
- All of the excavated material will be hauled to Lea Land, LLC, a NMOCD approved solid waste disposal facility.
- The proposed schedule for remediation activities is to begin within 2-3 weeks of remediation plan approval by NMOCD and BLM.

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Closure

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

David J. Adkins Regional Manager

Attachments:

Appendix I Site Maps

Appendix II Groundwater Data, Soil Survey, FEMA Flood Map

Appendix III C-141's

Appendix IV Photographic Documentation

Appendix V Laboratory Data



<u>APPENDIX I</u>

SITE PLANS

. Released to Imaging: 1/21/2021 10:55:45 AM

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BG55

BG-4 •

GS-11

GS-10

Prima Exploration, Inc. Lea County, NM API# 30-025-43676 Initial Sample Map

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G-1

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S-2

GS-3

es-4

BG-2 0

S-8 0

S-9

S-7

S-6 0

S-5

.CE

G-3

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Prima Exploration, Inc. Lea County, NM 1H API# 30-025-43687 2H API# 30-025-43676 Location Map

EK 29 BS2 Fed Com #001H/2H

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Prima Exploration, Inc. Lea County, NM 1H API# 30-025-43687 2H API# 30-025-43676 Karst Map

EK 29 BS2 Fed Com #001H/2H

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EK 29 BS2 Fed Com #001H/2H





<u>APPENDIX II</u>

GROUNDWATER DATA

SOIL SURVEY

FEMA FLOOD ZONE

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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 replaced, O=orphan C=the file closed)	has been ned, e is	n	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)					(In feet)						
DOD N		POD Sub-		Q	Q	Q	q	T	D			D' (Water
<u>CP 01582 POD1</u>	Code	Dasin CP	County LE	64 2	1	4 2	Sec 29	1 ws 18S	Rng 34E	X 633167	¥ 3621715 🌍	Distancel 43	180 pepth well D	Depth Water 180	Column 0
L 13563 POD1		L	LE	4	4	4	20	18S	34E	633506	3621920 🌍	351	200		
<u>L 10345 POD2</u>		L	LE		2	3	20	18S	34E	632620	3622393* 🌍	878	130	120	10
<u>L 10346</u>		L	LE			3	20	18S	34E	632425	3622187* 🌍	900	130		
<u>L 10436</u>		L	LE			3	20	18S	34E	632425	3622187* 🌍	900	120	80	40
<u>L 09752</u>		L	LE	3	1	2	20	18S	34E	632968	3623188 🌍	1469	179	130	49
L 13526 POD1		L	LE	2	2	1	20	18S	34E	632769	3623271 🌍	1594	196	106	90
L 02499 POD3		L	LE	1	1	1	27	18S	34E	635252	3621814 🌍	2047	180	121	59
L 13634 POD1		L	LE	3	3	1	27	18S	34E	635352	3621122 🌍	2233	182	152	30
<u>L 09750</u>		L	LE		3	3	22	18S	34E	635440	3622029* 🌍	2253	200		
<u>L 10202</u>		L	LE		4	4	28	18S	34E	635065	3620414* 🌍	2282	70	50	20
L 13211 POD1		L	LE	4	3	4	16	18S	34E	634629	3623592 🌍	2338	140		
<u>L 10236</u>		L	LE		3	3	27	18S	34E	635466	3620420* 🌍	2616			
L 10344 POD2		L	LE		3	3	27	18S	34E	635466	3620420* 🌍	2616	142	112	30
<u>L 05882</u>		L	LE		1	4	16	18S	34E	634605	3624030* 🌍	2685	230	110	120
<u>CP 01584 POD1</u>		СР	LE	2	1	3	30	18S	34E	630654	3620788 🌍	2722	500		
<u>L 03436</u>		L	LE		1	4	18	18S	34E	631230	3623771 🌍	2834	170	125	45
											Average	e Depth to Wa	ater:	116 f	eet
												Minimum D	epth:	50 f	eet
												Maximum D	epth:	180 f	eet
Record Count: 17															

Basin/County Search:

```
County: Lea
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UTMNAD83 Radius Search (in meters):

Northing (Y): 3621737.81

Radius: 3000

*UTM location was derived from PLSS - see Help

Easting (X): 633205.11

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.

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WATER COLUMN/ AVERAGE DEPTH TO

WATER

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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)					W 4=SE) t)	(NAD8	3 UT		
Well Tag	POD) Number	Q64	Q16	Q4	Sec	Tws	Rng		Х	Y	
5	CP (01582 POD1	2	1	2	29	18S	34E	63310	67	3621715 🍯	
Driller Lice	ense:	1611	Drille	r Con	npa	ny:	GO	ERTZEI	N DRILI	LINC	÷	
Driller Nan	Driller Name: GOERTZEN, JOHN											
Drill Start]	Date:	07/12/2016	Drill F	Finish	Da	te:	0′	7/13/201	6	Plug	g Date:	
Log File Da	ite:	07/22/2016	PCW	Rcv I	Date	:				Sou	rce:	Shallow
Pump Type	:		Pipe D	lischa	rge	Size	:			Esti	mated Yield	:
Casing Size	:	10.75	Depth Well:			18	180 feet Depth Water:			th Water:	180 feet	
x	Wate	er Bearing Stratifica	tions:		То	рB	ottom	Descr	iption			
					5	2	150	Sandst	tone/Gra	vel/C	Conglomerate	2
					15	0	175	Sandst	tone/Gra	vel/C	Conglomerate)
					17	5	180	Other/	Unknow	'n		
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						0	180					
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POINT OF DIVERSION SUMMARY



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

NC	OSE POD N CP-1582	UMBER (POD 1	WELL	NUMBER)				OSE FILE NU	MBER(S)			
CATIC	WELL OWN	ER NAM	E(S) VP D	BILL & COMPLE				PHONE (OPT	IONAL)			
VELL LO	WELL OWN 1050 17	ER MAIL	LING A	DDRESS STE 2500				CITY DENVER		STATE CO	8026	ZIP 5
AL AND V	WELL DEGREE LOCATION LATITUDE 32 (FROM GPS) 102		DEGREE: UDE 32	s MINUTES SECONDS 43 30.6624 N 34 4440 W			ACCURACY DATUM RE	' REQUIRED: ONE TEN	TH OF A SECC)ND		
I. GENEI		N RELATIN	LONG	L LOCATION TO STREE	34 TADDRESS AND COMM	44.49	OWNSHJIP, RANG	5E) WHERE AVAILABLE				
	LICENSE NI WD-161	JMBER 1	//4, N	NAME OF LICENSED	DRILLER	85, RAINGE 34E			NAME OF WELL DR	ILLING COMP	ANY	
	DRILLING S 7/12/16	TARTED	7/	DRILLING ENDED	DEPTH OF COMPLET	ED WELL (FT)	BORE HOI 180	LE DEPTH (FT)	DEPTH WATER FIR	ST ENCOUNTI	ERED (FT)	
NO	COMPLETE	D WELL I	is: (ARTESIAN	C DRY HOLE C	ONFINED)		STATIC WATER LEV	VEL IN COMPL	ETED WE	LL (FŤ)	
RMATI	DRILLING F	LUID: IETHOD:		AIR ROTARY	С mud С наммег С	C othe	ER SPECIFY:					
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LING & C	0	180		14	STEEL				10 3/4			1/4
2. DRIL												
IAL	DEPTH FROM	(feet bgl	l))	BORE HOLE DIAM. (inches)	LIST AN GRAVEL P	NULAR SEAL MA ACK SIZE-RANG	ATERIAL A E BY INTE	ND RVAL	AMOUNT (cubic feet)		METHOI PLACEM	O OF ENT
MATER	0	20			CEMENT				14 8LB BAGS			
NNULAR												
3. Al												
FOR FILE	OSE INTER NUMBER	NAL US	SE			POD NUMBER		WR-2 TRN 1	0 WELL RECORD &	& LOG (Vers	ion 06/08	/2012)
LOC	ATION										PAGE I	OF 2

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F												
	DEPTH FROM	(feet bgl)	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERI INCLUDE WATER-BEARING CAVITIES OR FRACTURI	ED - E ZONES	W BEA	ATER	: 3?	ESTIMATED YIELD FOR WATER- BEARING			
				(attach supplemental sheets to fully describe all un	its)	(YE	57 NG	J)	ZONES (gpm)			
	0	35		CALICHE		СҮ	()	N				
	35	48		SAND STONE		Сү	(N				
	48	52		ROCK		СҮ	()	N				
	52	150		SAND		(e Y	C	N				
	150	175		SAND & GRAVEL		(Y	C	N				
E	175	180		RED BED		(e) Y	C	N				
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: 0F						CY	C	N				
L0G						CY	C	N				
GIC						CY	C	N				
)LO						C Y	С	N				
GEC					1990-99 - 1990-9990-9990-9990-9990-9990-	CY	C	N				
oro						CY	C	N				
IXH						CY	C	N				
4						CY	C	N				
						CY	C	N				
						CY	C	N				
						CY	0	N				
						CY	C	N				
		-				CY	0	N				
						CY	C	N				
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING STRATA: C PUMP	тот	TAL ESTI	MATI	ED				
	CAIRLIFT C BAILER C OTHER - SPECIFY:								ELL YIELD (gpm):			
		TEST	RESULTS - ATTA	ACH & COPY OF DATA COLLECTED DURING WELL TESTIN				OF 1				
NO	WELL TES	STAR	IT TIME, END TIM	IE, AND A TABLE SHOWING DISCHARGE AND DRAWDOW	N OVER TH	ING DISC IE TESTI	NG PI	GE M ERIOI	D.			
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	NUMBER			POD NUMBER TRN 1	NUMBER							
	ATION								PAGE 2 OF 2			

Lea County, New Mexico

TF—Tonuco loamy fine sand, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 2tw3c Elevation: 3,280 to 4,460 feet Mean annual precipitation: 10 to 16 inches Mean annual air temperature: 59 to 64 degrees F Frost-free period: 180 to 220 days Farmland classification: Not prime farmland

Map Unit Composition

Tonuco and similar soils: 70 percent Minor components: 30 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Tonuco

Setting

Landform: Plains, ridges Landform position (two-dimensional): Shoulder Landform position (three-dimensional): Rise Down-slope shape: Linear, convex Across-slope shape: Linear Parent material: Sandy eolian deposits

Typical profile

A - 0 to 12 inches: loamy fine sand Bw - 12 to 17 inches: loamy sand Bkkm - 17 to 39 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 12 to 20 inches to petrocalcic
Drainage class: Excessively drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 2 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0

Available water capacity: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

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Land capability classification (nonirrigated): 7e Hydrologic Soil Group: D Ecological site: R077DY048TX - Shallow 12-17" PZ Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 15 percent Landform: Plains, ridges Landform position (two-dimensional): Shoulder Landform position (three-dimensional): Rise Down-slope shape: Linear, convex Across-slope shape: Linear Ecological site: R042XC002NM - Shallow Sandy Hydric soil rating: No

Berino

Percent of map unit: 10 percent Landform: Plains, ridges Landform position (two-dimensional): Shoulder Landform position (three-dimensional): Rise Down-slope shape: Linear, convex Across-slope shape: Linear Ecological site: R042XC003NM - Loamy Sand Hydric soil rating: No

Cacique

Percent of map unit: 5 percent Landform: Ridges, plains Landform position (two-dimensional): Shoulder Landform position (three-dimensional): Rise Down-slope shape: Convex, linear Across-slope shape: Linear Ecological site: R042XC004NM - Sandy Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 17, Jun 8, 2020

<u>USDA</u>

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National Flood Hazard Layer FIRMette

103°35'1"W 32°43'47"N



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350130 LEA COUNTY T18S R34E S29 T18S R34E S20 25 (1 275 Zde D Feet USGS The National Map: Orthoimagery. Data refreshed April 2020 1:6,000 103°34'24"W 32°43'16"M

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1,000

1,500

2,000

Received by OCD: 11/18/2020-4:45:21. PM 31

unmapped and unmodernized areas cannot be used for

OTHER AREAS OF FLOOD HAZARD SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT SPECIAL FLOOD HAZARD AREAS Legend **OTHER AREAS** STRUCTURES | 1111111 Levee, Dike, or Floodwall MAP PANELS elements do not appear: basemap imagery, flood zone labels, time. The NFHL and effective information may change or authoritative NFHL web services provided by FEMA. This map FIRM panel number, and FIRM effective date. Map images for become superseded by new data over time. accuracy standards digital flood maps if it is not void as described below. This map image is void if the one or more of the following map reflect changes or amendments subsequent to this date and was exported on 9/29/2020 at 11:07 AM and does not The flood hazard information is derived directly from the The basemap shown complies with FEMA's basemap This map complies with FEMA's standards for the use of egend, scale bar, map creation date, community identifiers, FEATURES GENERAL ----OTHER Θ 0 NO SCREEN Area of Minimal Flood Hazard Zone X an authoritative property location. The pin displayed on the map is an approximate point selected by the user and does not represe 17.5 Channel, Culvert, or Storm Sewer Water Surface Elevation Cross Sections with 1% Annual Chance Effective LOMRs Area with Flood Risk due to Levee Zone D Levee. See Notes. Zone X Chance Flood Hazard Zone X **Regulatory Floodway** Limit of Study Future Conditions 1% Annual 0.2% Annual Chance Flood Hazard, Area With BFE or Depth Zone AE, AO, AH, VE, AR Unmapped **Digital Data Available** Hydrographic Feature **Coastal Transect Baseline** Base Flood Elevation Line (BFE) **Coastal Transect** Area of Undetermined Flood Hazard Zone Area with Reduced Flood Risk due to areas of less than one square mile Zone > of 1% annual chance flood with average Without Base Flood Elevation (BFE) Zone A, V, A99 No Digital Data Available **Profile Baseline** Jurisdiction Boundary depth less than one foot or with drainag



APPENDIX III

C-141 FORMS

Received by OCD: 8/20/2020 4:08:40 PM

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	NRM2023360724
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Prima Exploration, Inc.	OGRID 326467
Contact Name Jacqueline Buczek	Contact Telephone 303-755-5681 x109
Contact email jbuczek@primaex.com	Incident # (assigned by OCD)
Contact mailing address 250 Fillmore Street, Suite 500 Denver,	CO 80206

Location of Release Source

Latitude 32.7253992

Longitude -103.5786252 (NAD 83 in decimal degrees to 5 decimal places)

Site Name EK 29 BS2 FEDERAL COM #002H	Site Type
Date Release Discovered 8/11/2020	API# (if applicable) 30-025-43676

Unit Letter	it Letter Section Townshi		Range	County		
В	29	18S	34E	Lea		

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

Crude Oil	Volume Released (bbls) 10	Volume Recovered (bbls) 5
Produced Water	Volume Released (bbls)15	Volume Recovered (bbls) 5
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes \square No Chloride is higher than 10,000 mg/1.
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
🗌 Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:. A 1" nipple on the wellhead tree failed.

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Received by OCD: 8/20/2020 4:08:40 PM Form C-141 State of New Mexico Page 2 Oil Conservation Division

	Page 2 of
Incident ID	NRM2023360724
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release? The spill is ~ 25 bbls. approximately 10 bbls of oil and 15 bbls of produced water.
19.15.29.7(A) NMAC?	
🛛 Yes 🗌 No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Mr. Bratcher Aug. 11, 202	20 by email and phone
Notified the BLM Aug. 17	1, 2020 by email and phone

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

 \boxtimes The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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: Jacqueline Buczek	Title: Petroleum Engineer
Signature:	Date:8/20/2020
email:jbuczek@primaex.com	Telephone:303-755-5681 x109
OCD Only	
Received by: Ramona Marcus	Date: 8/20/2020

Form C-141	State of New Mexico	Incident ID	NRM2023360724
Page 3	Oil Conservation Division	District RP	
		Facility ID	30-025-43676
		Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>108 (</u> ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗋 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗋 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗋 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🔀 No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.

🔀 Field data

Data table of soil contaminant concentration data

Depth to water determination

Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release

Boring or excavation logs

Photographs including date and GIS information

Topographic/Aerial maps

Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 11/18/2020 4:45:21 PM

Form C-141	State of New Mexico		Incident ID	NRM2023360724
Page 4	Oil Conscrvation Division	n	District RP	
•			Facility ID	30-025-43676
			Application ID	
I hereby certify that the info regulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance o and/or regulations. Printed Name: Jacquelin Signature: OCD Only Received by	required to report and/or file certain release not ment. The acceptance of a C-141 report by the sate and remediate contamination that pose a thr of a C-141 report does not relieve the operator of me Buczek	e best of my knowledge and tifications and perform corres OCD does not relieve the op eat to groundwater, surface f responsibility for complian Title: Petroleum Engin Date: 11/18/20 Telephone: 303-755-56	understand that pursuar ective actions for release berator of liability shoul water, human health or ice with any other feder eeer 81 ext. 109	it to OCD rules and is which may endanger d their operations have the environment. In al, state, or local laws
Cristina Ea	ds	Date:11/18.	/2020	

Form C-141	State of New Mexico	Incident ID	NRM2023360724
Page 5	Oil Conscrvation Division	District RP	
		Facility ID	30-025-43676
		Application ID	
			_1

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.

Detailed description of proposed remediation technique
 Scaled sitemap with GPS coordinates showing in the second sec

Scaled sitemap with GPS coordinates showing delineation points

Estimated volume of material to be remediated

Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NVIAC
 Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

Extents of contamination must be fully delineated.

Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete 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: Jacqueline Buczek	Title: Petroleum Engineer
Signature: Jacquel MBurg	Date: 11/18/20
email: jbuczek@primaex.com	Telephone: 303-755-5681 ext. 109
<u>OCD Only</u>	
Received by: Cristina Eads	Date: 11/18/2020
Approved Approved with Attached Conditions of Approved	pproval 🔲 Denied 🗍 Deferral Approved
Signature: Juntur D	ate: 01/21/2021



<u>APPENDIX IV</u>

PHOTOGRAPHIC DOCUMENTATION

. Released to Imaging: 1/21/2021 10:55:45 AM

EK 29 BS2 Fed Com 2H



Well Sign



Impacted Area

EK 29 BS2 Fed Com 2H





Impacted Areas



<u>APPENDIX V</u>

LABORATORY DATA

. Released to Imaging: 1/21/2021 10:55:45 AM

Received by OCD: 11/18/2020 4:45:21 PM

eurofins Environment Texting Xenco

Analytical Report 674328

for

Talon LPE-Artesia

Project Manager: David Adkins

EK 29 BS 2 FED COM 2H

702678.002.01

11.18.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

> Xenco-Dallas (EPA Lab Code: TX01468): Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483)

Released to Imaging: 1/21/2021 10:55:45 AM

eurofins Covariant autoritian Xenco

11.18.2020 Project Manager: **David Adkins Talon LPE-Artesia** 408 West Texas St. Artesia, NM 88210

Reference: Eurofins Xenco, LLC Report No(s): 674328 EK 29 BS 2 FED COM 2H Project Address: Lea County, New Mexico

David Adkins:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 674328. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 674328 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Jession VRAMER

Jessica Kramer Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

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Sample Cross Reference 674328

Talon LPE-Artesia, Artesia, NM

EK 29 BS 2 FED COM 2H

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
S-1 0-1' R	S	10.05.2020 09:17	0 - 1 ft	674328-001
S-2 0-1' R	S	10.05.2020 09:26	0 - 1 ft	674328-002
S-3 0-1'	S	10.05.2020 09:35	0 - 1 ft	674328-003
S-3 1.5' R	S	10.05.2020 09:37	1.5 ft	674328-004
S-4 0-1' R	S	10.05.2020 10:05	0 - 1 ft	674328-005
S-5 0' R	S	10.05.2020 10:15	0 ft	674328-006
S-6 0' R	S	10.05.2020 10:25	0 ft	674328-007
S-7 0' R	S	10.05.2020 10:35	0 ft	674328-008
S-8 0-0.5' R	S	10.05.2020 10:50	0 - 0.5 ft	674328-009
S-9 0-0.5' R	S	10.05.2020 11:00	0 - 0.5 ft	674328-010
S-10 0-0.5' R	S	10.05.2020 11:10	0 - 0.5 ft	674328-011
S-11 0-0.5' R	S	10.05.2020 11:20	0-0.5 ft	674328-012
BG-1, 0'	S	10.05.2020 09:41	0 ft	674328-013
BG-2, 0'	S	10.05.2020 11:25	0 ft	674328-014
BG-3, 0'	S	10.05.2020 11:30	0 ft	674328-015
BG-4, 0'	S	10.05.2020 11:35	0 ft	674328-016
BG-5, 0'	S	10.05.2020 11:40	0 ft	674328-017

Received by OCD: 11/18/2020 4:45:21 PM

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Environment Testing Xonco

CASE NARRATIVE

Client Name: Talon LPE-Artesia Project Name: EK 29 BS 2 FED COM 2H

 Project ID:
 702678.002.01

 Work Order Number(s):
 674328

Report Date: 11.18.2020 Date Received: 10.05.2020

This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory.

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Released to Imaging: 1/21/2021 10:55:45 AM

Certificate of Analytical Results 674328

Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id. S-I V-I K		Matrix:	Soil		Samp	le Depth: 0 - 1 ft		
Lab Sample Id: 674328-001		Date Collect	ed: 10.05.20	020 09:17	Date	Received: 10.05.20	020 15	:05
Analytical Method: Inorganic Anions b	y EPA 300				Prep 1	Method: E300P		
Analyst: MAB		% Moist:						
Seq Number: 3138930		Date Prep: 1	0.05.2020 1	6:47	Tech:	MAB		
		Prep seq: 7	712691					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Fiag	Dil Factor
Chloride	16887-00-6	8460	200	7.09	mg/kg	10.05.2020 18:20		20
Analytical Method: TPH By SW8015 M	Лod				Prep 1	fethod: 8015		
Analyst DTH		% Moist:						
Sog Number: 2129942		Date Prent 10	05 2020 16	5.30	Tech	DTH		
3eq 1401001. 3138842		Date Hep. 10	112626		10011.	DIII		
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
	Directio	<12.0	50.0	12.0	marlea	10.05.2020 (8:21	T.	
Diesel Range Organics (DRO)	C10C28DRO	<13.9 69.4	50.2 50.2	13.9	mg/kg	10.05.2020 18:21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	17.1	50.2	11.5	mg/kg	10.05.2020 18:21	J	1
Total TPH	PHC635	86.50		11.50	mg/kg	10.05.2020 18:21		
Surrogate		0/ D			TT V	A 12- 10-04		Flag
Our of the		% Recovery		Limits	Units	Analysis Date	e	riag
1-Chlorooctane o-Terphenyl		% Recovery 105 107		Limits 70 - 135 70 - 135	Units % %	Analysis Date	e	riag
I-Chlorooctane o-Terphenyl		% Recovery 105 107		Limits 70 - 135 70 - 135	% %	Analysis Dau	e	FIAG
I-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 802	IB	% Recovery 105 107		Limits 70 - 135 70 - 135	9% % Prep M	Analysis Data 1ethod: 5035A	e	FIAG
I-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 802 Analyst: MAB	IB	% Recovery 105 107 % Moist:		Limits 70 - 135 70 - 135	% % Prep N	Analysis Data 1ethod: 5035A	e	FIAG
I-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 802 Analyst: MAB Seq Number: 3138985	IB	% Recovery 105 107 % Moist: Date Prep: 10	.06.2020 10	Limits 70 - 135 70 - 135	9% 9% Prep M Tech:	Analysis Data 1ethod: 5035A MAB	c	гіяд
I-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3138985	IB	% Recovery 105 107 % Moist: Date Prep: 10 Prep seq: 77	.06.2020 10 12709	Limits 70 - 135 70 - 135	9% % Prep M Tech:	Analysis Data Iethod: 5035A MAB	c	FIAG
I-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 802 Analyst: MAB Seq Number: 3138985 Parameter	IB CAS Number	% Recovery 105 107 % Moist: Date Prep: 10 Prep seq: 77 Result	.06.2020 10 12709 MQL	Limits 70 - 135 70 - 135 :00 SDL	With the second	Analysis Data 1ethod: 5035A MAB Analysis Date	Flag	Dil Factor
I-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 802 Analyst: MAB Seq Number: 3138985 Parameter Benzene	IB CAS Number 71-43-2	% Recovery 105 107 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000488	.06.2020 10 12709 MQL 0.00201	Limits 70 - 135 70 - 135 :00 SDL 0.000488	Units % Prep M Tech: Units mg/kg	Analysis Data 1ethod: 5035A MAB Analysis Date 10.06.2020 13:56	Flag	Dil Factor
I-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3138985 Parameter Benzene Toluene	IB CAS Number 71-43-2 108-88-3	% Recovery 105 107 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000488 <0.000531	.06.2020 10 12709 MQL 0.00201 0.00201	Limits 70 - 135 70 - 135 :00 SDL 0.000488 0.000531	Vinits % % Prep M Tech: Units mg/kg mg/kg	Analysis Data fethod: 5035A MAB Analysis Date 10.06.2020 13:56 10.06.2020 13:56	Flag U U	Dil Factor
I-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 802 Analyst: MAB Seq Number: 3138985 Parameter Benzene Toluene Ethylbenzene	EAS Number 71-43-2 108-88-3 100-41-4	% Recovery 105 107 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000488 <0.000531 <0.000409 (2)000255	.06.2020 10 12709 MQL 0.00201 0.00201 0.00201	Limits 70 - 135 70 - 135 :00 SDL 0.000488 0.000531 0.000409 0.000758	Vinits % % Prep M Tech: Units mg/kg mg/kg	Analysis Data fethod: 5035A MAB Analysis Date 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56	Flag U U	Dil Factor
I-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3138985 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o. Xylenes	IB CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95.47-6	% Recovery 105 107 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000488 <0.000531 <0.000409 <0.000758 <0.000406	.06.2020 10 12709 MQL 0.00201 0.00201 0.00201 0.00201 0.00201	Limits 70 - 135 70 - 135 70 - 135 :00 SDL 0.000488 0.000531 0.000409 0.000758 0.000409	Vinits % % Prep M Tech: Units mg/kg mg/kg mg/kg	Analysis Data 1ethod: 5035A MAB Analysis Date 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56	Flag ย บ บ บ	Dil Factor
I-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 802 Analyst: MAB Seq Number: 3138985 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes	IB CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Recovery 105 107 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000488 <0.000531 <0.000409 <0.000758 <0.000406 <0.0004060	.06.2020 10 12709 MQL 0.00201 0.00201 0.00201 0.00402 0.00201	Limits 70 - 135 70 - 135 70 - 135 :00 SDL 0.000488 0.000531 0.000409 0.000758 0.000406 0.0004060	Vinits % % Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg	Analysis Data 1ethod: 5035A MAB Analysis Date 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56	Flag U U U U U U U	Dil Factor 1 1 1 1 1
I-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3138985 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total BTEX	IB CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Recovery 105 107 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000488	.06.2020 10 12709 MQL 0.00201 0.00201 0.00201 0.00402 0.00201	Limits 70 - 135 70 - 135 70 - 135 :00 SDL 0.000488 0.000531 0.000406 0.000406 0.0004060 0.0004060	Vinits % % Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Analysis Data Analysis Data MAB Analysis Date 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56	Flag U U U U U U U U U	Dil Factor 1 1 1 1 1
I-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 802 Analyst: MAB Seq Number: 3138985 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total BTEX Surrogate	IB CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Recovery 105 107 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000488	.06.2020 10 12709 MQL 0.00201 0.00201 0.00201 0.00402 0.00201	Limits 70 - 135 70 - 135 70 - 135 :00 SDL 0.000488 0.000531 0.000409 0.000758 0.000406 0.0004060 0.0004060 Limits	Vinits % % Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Analysis Data MAB Analysis Date 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56	Flag U U U U U U U U U	Dil Factor 1 1 1 1 1 Flag
I-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3138985 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total Xylenes Total BTEX Surrogate 1.4-Difluorobenzene	EAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Recovery 105 107 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000488	.06.2020 10 12709 MQL 0.00201 0.00201 0.00201 0.00402 0.00201	Limits 70 - 135 70 - 135 70 - 135 :00 SDL 0.000488 0.000531 0.000409 0.000758 0.000406 0.0004060 0.0004060 0.0004060 Limits 70 - 130	Vinits % % Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Analysis Data MAB Analysis Date 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56 10.06.2020 13:56	Flag U U U U U U U U	Dil Factor 1 1 1 1 1 1 1 Flag

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Certificate of Analytical Results 674328

Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id:	S-2 0-1' R		Matrix:	Soil		Sam	ple Depth: 0 - 1 ft		
Lab Sample I	ld: 674328-002		Date Collect	ed: 10.05.2	020 09:26	Date	Received: 10.05.20	020 15	:05
Analytical M	ethod: Inorganic Anions by	EPA 300				Prep	Method: E300P		
Analyst:	MAB		% Moist:						
Seq Number:	3138930		Date Prep: 1	0.05.2020 1	6:47	Tech	: MAB		
			Prep seq: 7	712691					
Paramete	er.	CAS Number	Result	MQL	SDL	Units	Analysis Date	Fiag	Dil Factor
Chloride		16887-00-6	2300	50,1	1.77	mg/kg	10.05.2020 18:26		5
Analytical Me	ethod: TPH By SW8015 Ma	od				Prep	Method: 8015		
Analyst:	DTH		% Moist:			•			
Sea Number:	3138843		Date Prep: 1	0.05.2020 1	5:30	Tech:	DTH		
1			Prep seg: 7	712627					
Paramete	r	CAS Number	Result	MQL	SDL	Units	Anałysis Date	Flag	Dil Factor
Gasoline R Diesel Ran Motor Oil R Total TPH	tange Hydrocarbons (GRO) ge Organics (DRO) ange Ilydrocarbons (MRO)	PHC610 C10C28DRO PHCG2835 PHC635	739 12000 1610 14350	498 498 498	138 114 114 114.0	mg/kg mg/kg mg/kg mg/kg	10.05.2020 17:41 10.05.2020 17:41 10.05.2020 17:41 10.05.2020 17:41 10.05.2020 17:41		10 10 10
Surrogate			% Recovery		Limits	Units	Analysis Dat	e	Flag
1-Chlorooc o-Terpheny	tane 1		81 130		70 - 135 70 - 135	% %			
Analytical Me	thod: BTEX by EPA 8021B					Prep N	vfethod: 5035A		
Analyst:	MAB		% Moist:						
Sea Number:	3138985		Date Pren: 10	.06.2020 10	:00	Tech	MAB		
			Pren sea: 77	12709					
. .		G 4 G	Ff .				Analysis		Dil Factor
Parameter		Number	Result	MQL	SDL	Units	Date	Flag	
Benzene		71-43-2	Result <0.000481	MQL 0.00198	SDL 0.000481	Units mg/kg	Date 10.06.2020 14:19	Flag U	1
Parameter Benzene Toluene		71-43-2 108-88-3	Result <0.000481 0.0102	MQL 0.00198 0.00198	SDL 0.000481 0.000522	Units mg/kg mg/kg	Date 10.06.2020 14:19 10.06.2020 14:19	Flag U	1
Parameter Benzene Toluene Ethylbenzer	ne	71-43-2 108-88-3 100-41-4	Result <0.000481 0.0102 0.196	MQL 0.00198 0.00198 0.00198	SDL 0.000481 0.000522 0.000402	Units mg/kg mg/kg mg/kg	Date 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19	Flag U	1 1 1 1 1
Parameter Benzene Toluene Ethylbenzer m,p-Xylene	nc s	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6	Result <0.000481 0.0102 0.196 0.206 0.153	MQL 0.00198 0.00198 0.00198 0.00396 0.00198	SDL 0.000481 0.000522 0.000402 0.000746 0.000399	Units mg/kg mg/kg mg/kg mg/kg	Date 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19	Flag U	1 1 1 1
Parameter Benzene Toluene Ethylbenzer m,p-Xylene o-Xylene Total Xylen	nc s es	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	Result <0.000481 0.0102 0.196 0.206 0.153 0.3590	MQL 0.00198 0.00198 0.00198 0.00396 0.00198	SDL 0.000481 0.000522 0.000402 0.000746 0.000399 0.0003990	Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Date 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19	Flag	1 1 1 1
Parameter Benzene Toluene Ethylbenzen m,p-Xylene o-Xylene Total Xylen Total BTEX	nc s ies (CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	Result <0.000481 0.0102 0.196 0.206 0.153 0.3590 0.5652	MQL 0.00198 0.00198 0.00198 0.00396 0.00198	SDL 0.000481 0.000522 0.000746 0.000399 0.0003990 0.0003990	Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Date 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19	Flag U	1 1 1 1 1
Benzene Toluene Ethylbenzen m,p-Xylene o-Xylene Total Xylen Total BTEX	ne s les (CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	Result <0.000481 0.0102 0.196 0.206 0.153 0.3590 0.5652 % Recovery	MQL 0.00198 0.00198 0.00198 0.00396 0.00198	SDL 0.000481 0.000522 0.000402 0.000746 0.000399 0.0003990 0.0003990 Limits	Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Date 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 Analysis Date	Flag U	1 1 1 1 1
Benzene Toluene Ethylbenzen m,p-Xylene o-Xylene Total Xylen Total BTEX Surrogate 1,4-Difluoro	ne s ies C	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	Result <0.000481 0.0102 0.196 0.206 0.153 0.3590 0.5652 % Recovery 96	MQL 0.00198 0.00198 0.00198 0.00396 0.00198	SDL 0.000481 0.000522 0.000402 0.000399 0.0003990 0.0003990 Limits 70 - 130	Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg Units	Date 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 10.06.2020 14:19 Analysis Date	U U	1 1 1 1 1 Flag

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Certificate of Analytical Results 674328

Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id: S-3 0-1'		Matrix:	Soil		Samp	ole Depth: 0 - 1 ft		
Lab Sample Id: 674328-003		Date Collect	ed: 10.05.20	020 09:35	Date	Received: 10.05.20)20 15	:05
Analytical Method: Inorganic Anions by	v EPA 300				Prep	Method: E300P		
Analyst: MAB		% Moist:						
Seq Number: 3138930		Date Prep: 1	0.05.2020 1	6:47	Tech:	MAB		
		Prep seq: 7	712691					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	23400	202	7.14	mg/kg	10.05.2020 18:31		20
Analytical Method: TPH By SW8015 Me	ođ				Prep l	Method: 8015		
Analyst: DTH		% Moist:						
Seq Number: 3138842		Date Prep: 10	0.05.2020 10	5:30	Tech:	DTH		
-		Prep seq: 7	12626					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.8	49.9	13.8	mg/kg	10.05.2020 21:43	U	1
Diesel Range Organics (DRO)	CI0C28DRO	613	49.9	11.4	mg/kg	10.05.2020 21:43		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	96.0 700 0	49.9	11.4	mg/kg	10.05.2020 21:43		ł
10(4) 17 11	FFIC035	709.0		11,40	mg/kg	10.03.2020 21:43		
Surrogate		% Recovery		Limits	Units	Analysis Date	3	Flag
1-Chlorooctane o-Terphenyl		108 112		70 - 135 70 - 135	% %			
A					Dura N	6-41-1-5025A		
Analytical Method: BIEX by EPA 8021E	5	% Moist			Ртер м	fethod: 5055A		
Analyst: MAB		Dete Duran 10	06 2020 10	.00	17 . .	MAD		
Seq Number: 3138985		Date Prep: 10	.00.2020 10 12700	.00	Tech:	MAD		
		PLAN PLAN	12707					
	C L S	Trop soq. 77				A		DIE
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Parameter Benzene	CAS Number 71-43-2	Result <0.000481	MQL 0.00198	SDL 0.000481	Units mg/kg	Analysis Date 10.06.2020 15:16	Flag U	Dil Factor
Parameter Benzene Toluene	CAS Number 71-43-2 108-88-3	Result <0.000481 <0.000522	MQL 0.00198 0.00198	SDL 0.000481 0.000522	Units mg/kg mg/kg	Analysis Date 10.06.2020 15:16 10.06.2020 15:16	Flag U U	Dil Factor
Parameter Benzene Toluene Ethylbenzene	CAS Number 71-43-2 108-88-3 100-41-4 127(C01-22-1	Result <0.000481	MQL 0.00198 0.00198 0.00198	SDL 0.000481 0.000522 0.000402	Units mg/kg mg/kg mg/kg	Analysis Date 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16	Flag U U U	Dil Factor 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Parameter Benzene Toluene Ethylbenzene m,p-Xylenes orXylene	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 9547-6	Result <0.000481	MQL 0.00198 0.00198 0.00198 0.00396 0.00198	SDL 0.000481 0.000522 0.000402 0.000746 0.000399	Units mg/kg mg/kg mg/kg mg/kg	Analysis Date 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16	Flag U U U U	Dil Factor 1 1 1 1
Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	Result <0.000481	MQL 0.00198 0.00198 0.00198 0.00396 0.00198	SDL 0.000481 0.000522 0.000402 0.000746 0.000399 0.0003990	Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Analysis Date	Flag U U U U U U U	Dil Factor 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Parameter Benzene Toluene Ethylbenzene m,p-Xylencs o-Xylene Total Xylenes Total BTEX	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	Result <0.000481	MQL 0.00198 0.00198 0.00198 0.00396 0.00198	SDL 0.000481 0.000522 0.000402 0.000746 0.000399 0.0003990 0.0003990	Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Analysis Date 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16	Flag U U U U U U U U	Dil Factor 1 1 1 1 1 1 1
Parameter Benzene Toluene Ethylbenzene m,p-Xylencs o-Xylene Total Xylenes Total BTEX	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	Result <0.000481	MQL 0.00198 0.00198 0.00198 0.00396 0.00198	SDL 0.000481 0.000522 0.000402 0.000746 0.000399 0.0003990 0.0003990	Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Analysis Date 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16	Flag U U U U U U U	Dil Factor 1 1 1 1 1 1 Flag
Parameter Benzene Toluene Ethylbenzene m,p-Xylencs o-Xylene Total Xylenes Total BTEX Surrogate	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	Result <0.000481	MQL 0.00198 0.00198 0.00198 0.00396 0.00198	SDL 0.000481 0.000522 0.000402 0.000746 0.000399 0.0003990 0.0003990 Limits	Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg Units	Analysis Date 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 Analysis Date	Flag U U U U U U U	Dil Factor 1 1 1 1 1 1 Fiag
Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total BTEX Surrogate 1,4-Difluorobenzene	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	Result <0.000481	MQL 0.00198 0.00198 0.00198 0.00396 0.00198	SDL 0.000481 0.000522 0.000402 0.000746 0.000399 0.0003990 0.0003990 Climits 70 - 130 70 - 130	Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg Units	Analysis Date 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 10.06.2020 15:16 Analysis Date	Flag U U U U U U	Dil Factor 1 1 1 1 1 1 Flag

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Talon LPE-Artesia, Artesia, NM

EK 29 BS 2 FED COM 2H

	S-3 1.5' R		Matrix:	Soil		Samp	le Depth: 1.5 ft		
Lab Sample I	d: 674328-004		Date Collect	ed: 10.05.20	020 09:37	Date	Received: 10.05.20	20 15	:05
Analytical Me	ethod: Inorganic Anions by I	EPA 300				Prep	Method: E300P		
Analyst:	MAB		% Moist:						
Seq Number:	3138930		Date Prep: 1	0.05.2020 1	6:47	Tech:	MAB		
			Prep seq: 7	712691					
Paramete	r	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride		16887-00-6	2170	49.6	1.76	mg/kg	10.05.2020 18:48		5
Analytical Me	thod: TPH By SW8015 Mod	1				Prep I	Method: 8015		
Analyst:	DTH		% Moist:						
Sea Number:	3138842		Date Pren: 10	0.05.2020 16	5:30	Tech:	DTH		
			Prep sea: 77	12626					
Parameter	·	CAS Number	Result	MQL	SDL	Units	Analysis Date	Fiag	Dil Factor
Gasoline Ra	ange Hydrocarbons (GRO)	PHC610	<13.9	50.2	13,9	mg/kg	10.05,2020 19:01	U	1
Diesel Ran	ge Organics (DRO)	C10C28DRO	43.6	50.2	11.5	mg/kg	10.05.2020 19:01	J	1
Motor Oil Ra	nge Hydrocarbons (MRO)	PHCG2835	<11.5	50.2	11.5	mg/kg	10.05.2020 19:01	U	1
Total TPH		PHC635	43.60		11.50	mg/kg	10.05.2020 19:01	J	
Surrogate			% Recovery		Limits	Units	Analysis Date	2	Flag
1-Chlorooct o-Terphenyl	tane 1		101 105		70 - 135 70 - 135	% %			
1-Chlorooct o-Terphenyl	tane 1		101 105		70 - 135 70 - 135	%			
I-Chlorooct o-Terphenyl Analytical Met	tane 1 hod: BTEX by EPA 8021B		101 105		70 - 135 70 - 135	% % Prep N	1ethod: 5035A		
I-Chlorooct o-Terphenyi Analytical Met Analyst:	tane l thod: BTEX by EPA 8021B MAB		101 105 % Moist:		70 - 135 70 - 135	% % Prep N	1ethod: 5035A		
I-Chlorooct o-Terphenyl Analytical Met Analyst: Seq Number:	tane l hod: BTEX by EPA 8021B MAB 3138985		101 105 % Moist: Date Prep: 10	.06.2020 10	70 - 135 70 - 135	% % Prep N Tech:	fethod: 5035A MAB		
I-Chlorooct o-Terphenyi Analytical Met Analyst: Seq Number:	tane l thod: BTEX by EPA 8021B MAB 3138985		101 105 % Moist: Date Prep: 10 Prep seq: 77	.06.2020 10 12709	70 - 135 70 - 135	% % Prep M Tech:	fethod: 5035A MAB		
I-Chlorooct o-Terphenyi Analytical Met Analyst: Seq Number: Parameter	tane l thod: BTEX by EPA 8021B MAB 3138985	CAS Number	101 105 % Moist: Date Prep: 10 Prep seq: 77 Result	.06.2020 10 12709 MQL	70 - 135 70 - 135 :00 SDL	% % Prep M Tech: Units	1ethod: 5035A MAB Analysis Date	Flag	Dil Factor
I-Chlorooct o-Terphenyl Analytical Met Analyst: Seq Number: Parameter Benzene	tane 1 thod: BTEX by EPA 8021B MAB 3138985	CAS Number 71-43-2	101 105 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000489	.06.2020 10 12709 MQL 0.00202	70 - 135 70 - 135 :00 SDL 0.000489	% % Prep M Tech: Units mg/kg	1ethod: 5035A MAB Analysis Date 10.06.2020 16:14	Flag	Dił Factor
1-Chlorooct o-Terphenyl Analytical Met Analyst: Seq Number: Parameter Benzene Toluene	tane l thod: BTEX by EPA 8021B MAB 3138985	CAS Number 71-43-2 108-88-3	101 105 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000489 <0.000532	.06.2020 10 12709 MQL 0.00202 0.00202	70 - 135 70 - 135 :00 SDL 0.000489 0.000532	% % Prep M Tech: Units mg/kg mg/kg	fethod: 5035A MAB Analysis Date 10.06.2020 16:14 10.06.2020 16:14	Flag U U	Dil Factor
I-Chlorooct o-Terphenyl Analytical Met Analyst: Seq Number: Parameter Benzene Toluene Ethylbenzen	tane l thod: BTEX by EPA 8021B MAB 3138985	CAS Number 71-43-2 108-88-3 100-41-4	101 105 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000489 <0.000532 <0.000409	.06.2020 10 12709 MQL 0.00202 0.00202 0.00202	70 - 135 70 - 135 :00 SDL 0.000489 0.000532 0.000409 0.000532	% % Prep M Tech: Units mg/kg mg/kg	fethod: 5035A MAB Analysis Date 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14	Flag U U U	Dii Factor
I-Chlorooct o-Terphenyl Analytical Met Analyst: Seq Number: Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene	tane l thod: BTEX by EPA 8021B MAB 3138985	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6	101 105 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000489 <0.000532 <0.000409 <0.000760 <0.000760 <0.000406	.06.2020 10 12709 MQL 0.00202 0.00202 0.00202 0.00403 0.00202	70 - 135 70 - 135 :00 SDL 0.000489 0.000532 0.000409 0.000760 0.000760	% % Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg	Analysis Date 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14	Flag U U U U	Dif Factor
I-Chlorooct o-Terphenyl Analytical Met Analyst: Seq Number: Parameter Benzene Toluene Ethylbenzen m,p-Xylenes o-Xylene Total Xvlene	tane l thod: BTEX by EPA 8021B MAB 3138985	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	101 105 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000489 <0.000532 <0.000409 <0.000760 <0.000406 <0.000406	.06.2020 10 12709 MQL 0.00202 0.00202 0.00202 0.00202 0.00403 0.00202	70 - 135 70 - 135 :00 SDL 0.000489 0.000532 0.000409 0.000760 0.000406 0.000406	% % Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	fethod: 5035A MAB Analysis Date 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14	Flag U U U U U U	Dif Factor
I-Chlorooct o-Terphenyl Analytical Met Analyst: Seq Number: Parameter Benzene Toluene Ethylbenzen m,p-Xylenes o-Xylene Total Xylene Total BTEX	tane l thod: BTEX by EPA 8021B MAB 3138985 es	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	101 105 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000489 <0.000532 <0.000409 <0.000760 <0.000406 <0.0004060 <0.0004060	.06.2020 10 12709 MQL 0.00202 0.00202 0.00202 0.00403 0.00202	70 - 135 70 - 135 200 SDL 0.000489 0.000532 0.000409 0.000760 0.000406 0.0004060 0.0004060	% % Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	fethod: 5035A MAB Analysis Date 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14	Flag บ บ บ บ บ บ บ บ	Dii Factor
I-Chlorooct o-Terphenyl Analytical Met Analyst: Seq Number: Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylene Total BTEX	tane l hod: BTEX by EPA 8021B MAB 3138985	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	101 105 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000489 <0.000760 <0.000406 <0.000406 <0.000406 <0.000406	.06.2020 10 12709 MQL 0.00202 0.00202 0.00202 0.00403 0.00202	70 - 135 70 - 135 30	% % Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	fethod: 5035A MAB Analysis Date 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14	Flag U U U U U U U U	Dif Factor
I-Chlorooct o-Terphenyl Analytical Met Analyst: Seq Number: Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylene Total BTEX Surrogate	tane l thod: BTEX by EPA 8021B MAB 3138985 e s es	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	101 105 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000489 <0.000760 <0.000406 <0.0004060 <0.0004060 <0.0004060 <0.0004060	.06.2020 10 12709 MQL 0.00202 0.00202 0.00202 0.00403 0.00202	70 - 135 70 - 135 20 - 135 20 - 135 20 - 135 20 - 20 - 20 20 - 20 20 20 - 20 20 - 20 20 20 - 20 20 20 20 - 20 20 20 -	% % Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	fethod: 5035A MAB Analysis Date 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14 10.06.2020 16:14	Flag U U U U U U U U	Dil Factor I I I I I I I Flag

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Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id: S-4 0-1' R		Matrix:	Soil		Samp	ole Depth: 0 - 1 ft		
Lab Sample Id: 674328-005		Date Collect	ed: 10.05.20	020 10:05	Date	Received: 10.05.20	020 15	:05
Analytical Method: Inorganic Anions	by EPA 300				Prep	Method: E300P		
Analyst: MAB		% Moist:						
Seq Number: 3138930		Date Prep: 1	0.05.2020 1	6:47	Tech:	MAB		
-		Prep seq: 7	712691					
Parameter	CAS Number	Result	MQL	SDL	Units	Anałysis Date	Flag	Dil Factor
Chloride	16887-00-6	9780	. 198	7.00	mg/kg	10.05.2020 18:53		20
Analytical Method: TPH By SW8015	Mod				Prep I	vlethod: 8015		
Analyst: DTH		% Moist:						
Sea Number: 3138842		Date Prep: 10	0.05.2020 10	5:30	Tech:	DTH		
		Prep sea: 72	712626					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	50.0	13.9	mg/kg	10.05,2020 19:20	U	1
Diesel Range Organics (DRO)	C10C28DRO	27.1	50.0	11.5	mg/kg	10.05.2020 19:20	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.5	50.0	11.5	mg/kg	10.05.2020 19:20	U	I
Total IPH	PHC635	27.10		11.50	mg/ĸg	10.05.2020 19:20	J	
Surrogate		% Recovery		Limits	Units	Analysis Dat	e	Flag
l-Chlorooctane o-Terphenyl		102 105		70 - 135 70 - 135	% %			
Analytical Mathadi DTEV by EDA 201	110				Pron N	lethod: 5035A		
Analysical Method, BTEX by ETA 802	21D	% Maist			Ttoph	101100. 505571		
Analysi, WAD		Data Pran: 10	06 2020 10	·ሰብ	Tech	MAR		
Seq Number: 5158985		Date riep. 10	12700	.00	reen.	MAD		
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000483	0.00199	0.000483	mg/kg	10.06.2020 17:12	U	1
Toluene	108-88-3	<0.000525	0.00199	0.000525	mg/kg	10.06.2020 17:12	U	1
Ethylbenzene	100-41-4	< 0.000404	0.00199	0.000404	mg/kg	10.06.2020 17:12	U	1
m,p-Xylenes	179601-23-1 05_47_6	<0.000749	0.00398	0.000749 0.000401	mg/kg	10.06.2020 17:12	U TT	1
0-Aylenes Total Xvlenes	93-47-0 1330-20-7	<0.0004010	0.00199	0.0004010	mg/kg mg/kg	10.06,2020 17:12	U	1
Total BTEX		<0.0004010		0.0004010	mg/kg	10.06.2020 17:12	υ	
Surrogate					TT 1 .	An aluala Data		Flore
		% Recovery		Limits	Units	Analysis Date		riag
1,4-Difluorobenzene		% Recovery		Limits 70 - 130	Units %	Analysis Date	•	riag

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Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

r	S-5 0' R		Matrix:	Soil		Samp	le Depth: 0 ft		
Lab Sample I	d: 674328-006		Date Collect	ed: 10.05.20	020 10:15	Date	Received: 10.05.20	020 15	:05
Analytical M	ethod: Inorganic Anions by I	EPA 300				Prep	Method: E300P		
Analyst:	MAB		% Moist:						
Seq Number:	3138930		Date Prep: 1	0.05.2020 1	6:47	Tech:	MAB		
-			Prep seq: 7	712691					
Paramete	r	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride		16887-00-6	12900	200	7.07	mg/kg	10.05.2020 18:59		20
Analytical Me	thod: TPH By SW8015 Mot	1				Prep 7	vlethod: 8015		
Analyst:	DTH		% Moist:			-			
Seq Number:	3138842		Date Prep: 10	0.05.2020 10	5:30	Tech:	DTH		
			Prep seq: 72	712626					
Parameter	r	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Ra	ange Hydrocarbons (GRO)	PHC610	<13.9	50.1	13.9	mg/kg	10.05.2020 19:41	υ	1
Diesel Ran	ge Organics (DRO)	C10C28DRO	26.6	50.1	11.5	mg/kg	10.05.2020 19:41	J	1
Motor Oil Ra	nge Hydrocarbons (MRO)	PHCG2835	<11.5	50.1	11.5	mg/kg	10.05.2020 19:41	U	1
		rncoss	20.00		11.50	mg/kg	10.05.2020 19.41	J	
Surrogate			% Recovery		Limits	Units	Analysis Date	2	Flag
Surrogate 1-Chlorooc o-Terpheny	tane 1		% Recovery 100 102		Limits 70 - 135 70 - 135	Units % %	Analysis Date	ž	Flag
Surrogate 1-Chlorooc o-Terpheny	tane 1		% Recovery 100 102		Limits 70 - 135 70 - 135	Units % %	Analysis Date	2	Flag
Surrogate 1-Chlorooc: o-Terpheny Analytical Met	tane 1 Ihod: BTEX by EPA 8021B		% Recovery 100 102		Limits 70 - 135 70 - 135	Units % % Prep N	Analysis Date Iethod: 5035A		Flag
Surrogate 1-Chlorooct o-Terpheny Analytical Met Analyst:	tane 1 thod: BTEX by EPA 8021B MAB		% Recovery 100 102 % Moist:		Limits 70 - 135 70 - 135	Units % % Prep N	Analysis Date Iethod: 5035A	2	Flag
Surrogate 1-Chlorooc: o-Terpheny Analytical Met Analyst: Seq Number:	tane 1 thod: BTEX by EPA 8021B MAB 3138985		% Recovery 100 102 % Moist: Date Prep: 10	.06.2020 10	Limits 70 - 135 70 - 135	Units % % Prep M Tech:	Analysis Date fethod: 5035A MAB	2	Flag
Surrogate 1-Chlorooc o-Terpheny Analytical Met Analyst: Seq Number:	tane 1 thod: BTEX by EPA 8021B MAB 3138985		% Recovery 100 102 % Moist: Date Prep: 10 Prep seq: 77	.06.2020 10 12709	Limits 70 - 135 70 - 135	Units % % Prep M Tech:	Analysis Date fethod: 5035A MAB	2	Flag
Surrogate 1-Chlorooc o-Terpheny Analytical Met Analyst: Seq Number: Parameter	tane 1 thod: BTEX by EPA 8021B MAB 3138985	CAS Number	% Recovery 100 102 % Moist: Date Prep: 10 Prep seq: 77 Result	.06.2020 10 12709 MQL	Limits 70 - 135 70 - 135 :00 SDL	Units % % Prep M Tech: Units	Analysis Date fethod: 5035A MAB Analysis Date	Flag	Flag Dil Factor
Surrogate 1-Chlorooc: o-Terpheny Analytical Met Analyst: Seq Number: Parameter Benzene	tane 1 thod: BTEX by EPA 8021B MAB 3138985	CAS Number 71-43-2	% Recovery 100 102 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000485	.06.2020 10 12709 MQL 0.00200	Limits 70 - 135 70 - 135 :00 :00 SDL	Units % % Prep M Tech: Units mg/kg	Analysis Date fethod: 5035A MAB Analysis Date 10.06.2020 18:09	Flag	Flag Dil Factor
Surrogate 1-Chlorooc: o-Terpheny Analytical Met Analyst: Seq Number: Parameter Benzene Toluene	tane 1 thod: BTEX by EPA 8021B MAB 3138985	CAS Number 71-43-2 108-88-3	% Recovery 100 102 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000485 <0.000527	.06.2020 10 12709 MQL 0.00200 0.00200	Limits 70 - 135 70 - 135 :00 :00 SDL 0.000485 0.000527	Units % % Prep N Tech: Units mg/kg mg/kg	Analysis Date fethod: 5035A MAB Analysis Date 10.06.2020 18:09 10.06.2020 18:09	Flag U U	Flag Dil Factor
Surrogate 1-Chlorooc: o-Terpheny Analytical Met Analyst: Seq Number: Parameter Benzene Toluene Ethylbenzen m N Yuloso	tane 1 thod: BTEX by EPA 8021B MAB 3138985	CAS Number 71-43-2 108-88-3 100-41-4 179601 22 1	% Recovery 100 102 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000485 <0.0004252 <0.000405 <0.000405	.06.2020 10 12709 MQL 0.00200 0.00200 0.00200 0.00200	Limits 70 - 135 70 - 135 :00 SDL 0.000485 0.000527 0.000405 0.000405	Units % % Prep M Tech: Units mg/kg mg/kg mg/kg	Analysis Date fethod: 5035A MAB Analysis Date 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09	Flag U U U	Flag Dil Factor
Surrogate 1-Chlorooc: o-Terpheny Analytical Met Analyst: Seq Number: Parameter Benzene Toluene Ethylbenzen m,p-Xylenes o-Xylene	tane 1 thod: BTEX by EPA 8021B MAB 3138985	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6	% Recovery 100 102 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000485 <0.000485 <0.000405 <0.000405 <0.000752 <0.000402	.06.2020 10 12709 MQL 0.00200 0.00200 0.00200 0.00399 0.00200	Limits 70 - 135 70 - 135 200 SDL 0.000485 0.000527 0.000405 0.000752 0.000402	Units % % Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg	Analysis Date fethod: 5035A MAB Analysis Date 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09	Flag U U U U U	Flag Dil Factor I 1 1 1
Surrogate 1-Chlorooc: o-Terpheny Analytical Met Analyst: Seq Number: Parameter Benzene Toluene Ethylbenzen m,p-Xylenes o-Xylene Total Xylene	tane 1 thod: BTEX by EPA 8021B MAB 3138985	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Recovery 100 102 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000485 <0.000527 <0.000405 <0.000752 <0.000402 <0.000402	.06.2020 10 12709 MQL 0.00200 0.00200 0.00200 0.00399 0.00200	Limits 70 - 135 70 - 135 200 SDL 0.000485 0.000527 0.000405 0.000752 0.000402	Units % % Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg	Analysis Date fethod: 5035A MAB <u>Analysis</u> Date 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09	Flag U U U U U U U U	Flag Dil Factor I 1 1 1 1 1 1
Surrogate 1-Chlorooc: o-Terpheny Analytical Met Analyst: Seq Number: Parameter Benzene Toluene Ethylbenzen m,p-Xylenes o-Xylene Total Xylene Total STEX	tane 1 thod: BTEX by EPA 8021B MAB 3138985	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Recovery 100 102 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000405	.06.2020 10 12709 MQL 0.00200 0.00200 0.00200 0.00399 0.00200	Limits 70 - 135 70 - 135 20 - 135 20 - 135 20 - 20 20	Units % % Prep M Tech: Units Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Analysis Date fethod: 5035A MAB Analysis Date 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09	Flag U U U U U U U U U U	Flag Dil Factor I I I I I I I
Surrogate 1-Chlorooc: o-Terpheny Analytical Met Analyst: Seq Number: Parameter Benzene Toluene Ethylbenzen m,p-Xylenes o-Xylene Total Xylene Total BTEX Surrogate	tane 1 thod: BTEX by EPA 8021B MAB 3138985	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Recovery 100 102 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000485	.06.2020 10 12709 MQL 0.00200 0.00200 0.00200 0.00399 0.00200	Limits 70 - 135 70 - 135 20 - 135 20 - 135 20 - 20 20	Units % % Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Analysis Date fethod: 5035A MAB Analysis Date 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09	Flag บ บ บ บ บ บ บ บ บ บ บ	Flag Dil Factor I 1 1 1 1 1 1 1 1
Surrogate 1-Chlorooci o-Terpheny Analytical Met Analyst: Seq Number: Parameter Benzene Toluene Ethylbenzen m,p-Xylenes o-Xylene Total Xylene Total BTEX Surrogate 1,4-Difluoro	tane 1 thod: BTEX by EPA 8021B MAB 3138985 e s s s benzene	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Recovery 100 102 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000485	.06.2020 10 12709 MQL 0.00200 0.00200 0.00200 0.00399 0.00200	Limits 70 - 135 70 - 135 70 - 135 200 SDL 0.000485 0.000527 0.000405 0.000527 0.000405 0.000405 0.0004020 0.0004020 0.0004020 0.0004020 0.0004020 0.0004020 0.0004020 0.0004020	Units % % Prep N Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Analysis Date fethod: 5035A MAB Analysis Date 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09 10.06.2020 18:09	Flag U U U U U U U U U U	Flag Dil Factor I 1 1 1 1 1 1 Flag

Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id: S-6 0' R		Matrix:	Soil		Samj	ble Depth: 0 ft		
Lab Sample Id: 674328-007		Date Collect	ed: 10.05.20	20 10:25	Date	Received: 10.05.20	20 15	:05
Analytical Method: Inorganic Anions by	EPA 300				Prep	Method: E300P		
Analyst: MAB		% Moist:						
Seg Number: 3138930		Date Prep: 1	0.05.2020 16	5:47	Tech	: MAB		
boy runder. 5156556		Prep seq: 7	712691					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	2650	49.8	1.76	mg/kg	10.05.2020 19:04		5
Analytical Method: TPH By SW8015 Mo	d				Prep	Method: 8015		
Analyst: DTH		% Moist:			-			
Sea Number: 2128242		Date Prep: 10	0 05 2020 16	-30	Tech	ртн		
Seq Pulliber: 3138843		Date Flep. 10	710/07		reen.	DIII		
		Prep seq: /	/12027					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	1930	498	138	mg/kg	10.05.2020 18:01		10
Diesel Range Organics (DRO)	C10C28DRO	23500	498	114	mg/kg	10.05.2020 18:01		10
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	2270	498	114	mg/kg	10.05.2020 18:01		10
Total TPH	PHC635	27700		114,0	mg/kg	10.05.2020 18:01		
Surrogate		% Recovery		Limits	Units	Analysis Date	•	Flag
1-Chlorooctane o-Terphenyl		87 112		70 - 135 70 - 135	% %			
o reihnen).		•						
Analytical Method: BTEX by EPA 8021B					Prep N	Aethod: 5035A		
Analyst: MAB		% Moist:						
Seq Number: 3138985		Date Prep: 10	.06.2020 10:	:00	Tech:	MAB		
		Prep seq: 77	12709					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.0969	0.0998	0.0969	mg/kg	10.07.2020 11:53	U	200
Toluene	108-88-3	1.05	0.399	0.105	mg/kg	10.07.2020 11:53		200
Ethylbenzene	100-41-4	19.8	0.399	0.0811	mg/kg	10.07.2020 11:53		200
m,p-Xylenes	179601-23-1	17.4	0.798	0,150 0,0005	mg/kg	10.07.2020 11:53		200
u-Aylene Total Xylenes	73-47-0 1330-20-7	13.0 31.00	0.333	0.08050	mg/Kg mg/kg	10.07.2020 11.53		200
Total BTEX	1556-26-7	51.85		0.08050	mg/kg	10.07.2020 11:53		
Surrogate		% Recovery		Limits	Units	Analysis Date		rlag
1,4-Difluorobenzene		02		70 120	07			
		93		70 - 150	70			

Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id:	S-7 0' R		Matrix:	Soil		Sam	ple Depth: 0 ft		
Lab Sample I	(d: 674328-008		Date Collect	ted: 10.05.20	20 10:35	Date	Received: 10.05.20	020 15	:05
Analytical M	ethod: Inorganic Anions by	EPA 300				Prep	Method: E300P		
Analyst:	MAB		% Moist:						
Seq Number:	3138930		Date Prep: 1	0.05.2020 16	5:47	Tech	: MAB		
			Prep seq: 7	712691					
Paramete	9 r '	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride		16887-00-6	519	9.92	0.351	mg/kg	10.05.2020 19:10		1
Analytical Me	ethod: TPH By SW8015 Mo	d				Prep]	Method: 8015		
Analyst:	DTH		% Moist:						
Seq Number:	3138843		Date Prep: 1	0.05.2020 16	:30	Tech:	DTH		
			Prep seq: 7	712627					
Paramete	r	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline R	ange Hydrocarbons (GRO)	PHC610	2010	500	139	mg/kg	10.05.2020 18:21		10
Diesel Ran	ge Organics (DRO)	C10C28DRO	28900	500	115	mg/kg	10.05.2020 18:21		10
Motor Oil R	ange Hydrocarbons (MRO)	PHCG2835	3110	500	115	mg/kg	10.05.2020 18:21		10
Total TPH		PHC635	34020		115.0	mg/kg	10.05.2020 18:21		
Surrogate			% Recovery		Limits	Units	Analysis Date	9	Flag
1-Chlorooc o-Terpheny	tane 		98 115		70 - 135 70 - 135	% %			
Analytical Me	thod: BTEX by EPA 8021B					Pren N	Aethod: 5035A		
Analyst:	MAB		% Moist:						
Sea Number	3138985		Date Prep: 10	.06.2020 10:	00	Tech	MAR		
Seq Humber.	5156900		Pren sear 77	12709			1.1.1.1.1.1		
Parameter		CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene		71-43-2	<0.0973	0.100	0.0973	mg/kg	10.07.2020 13:58	U	200
Toluene		108-88-3	5.67	0.401	0.106	mg/kg	10.07.2020 13:58		200
Ethylbenze	ne	100-41-4	29.1	0.401	0.0814	mg/kg	10.07.2020 13:58		200
m,p-Xylene	S	179601-23-1	27,4	0.802	0.151	mg/kg	10.07.2020 13:58		200
u-Aylene Total Yulan	995	53-47-0 1330-20-7	18.0 45.40	0.401	0.080.0 0.2020 0	mg/kg	10.07.2020 13:58		200
Total BTE	K	1000-40-1	80.17		0.08080	mg/kg	10.07.2020 13:58		
Surrogate			% Recoverv		Limits	Units	Analysis Date		Flag
1 / D.0	hanyana		00		70 120	0/			
4-Bromofilu	arohenzene		120		70 - 130 70 - 130	70 %			
· _····			140		,0 - 150	20			

Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id: S-8 0-0.5' R		Matrix:	Soil		Samj	ple Depth: 0 - 0.5 f	t	
Lab Sample Id: 674328-009		Date Collect	ed: 10.05.20	20 10:50	Date	Received: 10.05.20	020 15	:05
Analytical Method: Inorganic Anions by	EPA 300				Prep	Method: E300P		
Analyst: MAB		% Moist:						
Seq Number: 3138930		Date Prep: 1	0.05.2020 10	5:47	Tech	: MAB		
-		Prep seq: 7	712691					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	357	9.98	0,353	mg/kg	10,05.2020 19:26		1
Analytical Method: TPH By SW8015 Mo	d				Prep	Method: 8015		
Analyst: DTH		% Moist:			-			
Sea Number: 3138843		Date Pren: 10	0.05.2020 16	5:30	Tech	DTH		
500 Humber. 5150045		Bran sage 7	712627		r com.			
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	1530	501	139	mg/kg	10.05.2020 18:41		10
Diesel Range Organics (DRO)	C10C28DRO	20500	501	115	mg/kg	10.05.2020 18:41		10
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	2170	501	115	mg/kg	10.05.2020 18:41		10
Total TPH	PHC635	24200		115.0	mg/kg	10.05.2020 18:41		
Surrogate		% Recovery		Limits	Units	Analysis Date	e	Flag
1-Chlorooctane o-Terphenyl		115 82		70 - 135 70 - 135	% %			
A., -1. 4., -1.3. 4., 4 DODING 1 PDA 0001D					D 1	1-11-1- CO26A		
Analytical Method: BTEX by EPA 8021B		9/ Maint			Prep N	Methoa: 5035A		
Analyst: MAB		% ivioist:	06 0000 10	00				
Seq Number: 3138985		Date Prep: 10	.06.2020 10:	:00	Tech:	МАВ		
		Prep seq: 77	12709					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dif Factor
Benzene	71-43-2	<0.0973	0.100	0.0973	mg/kg	10.07.2020 14:21	U	200
Toluene	108-88-3	2.69	0.401	0.106	mg/kg	10.07.2020 14:21		200
Ethylbenzene	100-41-4	17.2	0.401	0.0814	mg/kg	10.07.2020 14:21		200
m,p-Ayienes o-Yidono	05_47_6	14,5	0.802	0.131	mg/kg	10.07.2020 14:21		200
Total Xvlenes	1330-20-7	27.10	0.401	0.08080	mg/kg	10.07.2020 14:21		200
Total BTEX		46.99		0.08080	mg/kg	10.07.2020 14:21		
Surrogate		% Recovery		Limits	Units	Analysis Date		Flag
14-Difluorobenzene		94		70 - 130	8/0	-		
4-Bromofluorobenzene		118		70 - 130	%			

Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id: S-9 0-0.5' R		Matrix:	Soil		Samp	ole Depth: 0 - 0.5 f	t	
Lab Sample Id: 674328-010		Date Collect	ed: 10.05.20	20 11:00	Date	Received: 10.05.20)20 15	:05
Analytical Method: Inorganic Anions by	/ EPA 300				Prep	Method: E300P		
Analyst: MAB		% Moist:						
Seg Number: 3138930		Date Prep: 10	0.05.2020 16	5:47	Tech:	MAB		
		Prep seq: 7	712691					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	6460	49.9	1.77	mg/kg	10.05.2020 19:31		5
Analytical Method: TPH By SW8015 M	od				Prep 1	Method: 8015		
Analyst: DTH		% Moist:						
Car Number 2129942		Data Pren: 1f	05 2020 16	-30	Toob	DTH		
Seq Number: 3138843		Date Frep. 10	105.2020 10	.50	rech;	DIH		
		Prep seq: //	12627					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	390	502	139	mg/kg	10.05.2020 20:02	J	10
Diesel Range Organics (DRO)	C10C28DRO	9170	502	115	mg/kg	10.05.2020 20:02		10
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	962	502	115	mg/kg	10.05.2020 20:02		10
	rncoss	10520		115.0	mg/kg	10.05.2020 20.02		
Surrogate		% Recovery		Limits	Units	Analysis Date	3	Flag
I-Chlorooctane o-Terphenyl		110 116		70 - 135 70 - 135	% %			
Analytical Method: BTEX by EPA 80211	3				Prep N	1ethod: 5035A		
Analyst: MAB								
		% Moist:						
Seq Number: 3138985		% Moist: Date Prep: 10	.06.2020 10;	00	Tech:	MAB		
Seq Number: 3138985		% Moist: Date Prep: 10 Prep seq: 77	.06.2020 10: 12709	00	Tech:	MAB		
Seq Number: 3138985 Parameter	CAS Number	% Moist: Date Prep: 10 Prep seq: 77 Result	.06.2020 10: 12709 MQL	00 SDL	Tech: Units	MAB Analysis Date	Flag	Dil Factor
Seq Number: 3138985 Parameter Benzene	CAS Number 71-43-2	% Moist: Date Prep: 10 Prep seq: 77 Result <0.00256	.06.2020 10: 12709 MQL 0.0105	00 SDL 0.00256	Tech: Units mg/kg	MAB Analysis Date 10.07.2020 12:16	Flag U	Dil Factor
Seq Number: 3138985 Parameter Benzene Toluene	CAS Number 71-43-2 108-88-3	% Moist: Date Prep: 10 Prep seq: 77 Result <0.00256 <0.00278	.06.2020 10: 12709 MQL 0.0105 0.0105	00 SDL 0.00256 0.00278	Tech: Units mg/kg mg/kg	MAB Analysis Date 10.07.2020 12:16 10.07.2020 12:16	Flag U U	Dil Factor 5 5
Seq Number: 3138985 Parameter Benzene Toluene Ethylbenzene	CAS Number 71-43-2 108-88-3 100-41-4	% Moist: Date Prep: 10 Prep seq: 77 Result <0.00256 <0.00278 0.215	.06.2020 10: 12709 MQL 0.0105 0.0105 0.0105	00 SDL 0.00256 0.00278 0.00214	Tech: Units mg/kg mg/kg	MAB Analysis Date 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16	Flag U U	Dil Factor 5 5 5
Seq Number: 3138985 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes a Vienes	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1	% Moist: Date Prep: 10 Prep seq: 77 Result <0.00256 <0.00278 0.215 0.271	.06.2020 10: 12709 MQL 0.0105 0.0105 0.0105 0.0211 0.0105	00 SDL 0.00256 0.00278 0.00214 0.00397 0.00312	Tech: Units mg/kg mg/kg mg/kg mg/kg	MAB Analysis Date 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16	Flag U U	Dil Factor 5 5 5 5 5 5
Seq Number: 3138985 Parameter Benzene Toluene Ethylbenzene n,p-Xylenes o-Xylene Total Xylenes	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 10 Prep seq: 77 Result <0.00256 <0.00278 0.215 0.271 0.390 0.6610	.06.2020 10: 12709 MQL 0.0105 0.0105 0.0105 0.0211 0.0105	00 SDL 0.00256 0.00278 0.00214 0.00397 0.00212 0.002120	Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg	MAB Analysis Date 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16	Flag U U	Dil Factor 5 5 5 5 5 5
Seq Number: 3138985 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total BTEX	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 10 Prep seq: 77 Result <0.00256 <0.00278 0.215 0.271 0.390 0.6610 0.8760	.06.2020 10: 12709 MQL 0.0105 0.0105 0.0105 0.0211 0.0105	00 SDL 0.00256 0.00278 0.00214 0.00212 0.002120 0.002120	Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MAB Analysis Date 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16	Flag U U	Dil Factor 5 5 5 5 5 5 5 5 5 5 5
Seq Number: 3138985 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total BTEX	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 10 Prep seq: 77 Result <0.00256 <0.00278 0.215 0.271 0.390 0.6610 0.8760	.06.2020 10: 12709 MQL 0.0105 0.0105 0.0105 0.0211 0.0105	00 SDL 0.00256 0.00278 0.00214 0.00212 0.002120 0.002120	Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MAB Analysis Date 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16	Flag U U	Dil Factor 5 5 5 5 5 5 5 5 5
Seq Number: 3138985 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total BTEX Surrogate	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 10 Prep seq: 77 Result <0.00256 <0.00278 0.215 0.271 0.390 0.6610 0.8760 % Recovery	.06.2020 10: 12709 MQL 0.0105 0.0105 0.0211 0.0105	00 SDL 0.00256 0.00278 0.00214 0.00212 0.002120 0.002120 0.002120 Limits	Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MAB Analysis Date 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 Malysis Date	Flag U U	Dil Factor 5 5 5 5 5 5
Seq Number: 3138985 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total BTEX Surrogate 1,4-Difluorobenzene	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 10 Prep seq: 77 Result <0.00256 <0.00278 0.215 0.271 0.390 0.6610 0.8760 % Recovery 92	.06.2020 10: 12709 MQL 0.0105 0.0105 0.0105 0.0211 0.0105	00 SDL 0.00256 0.00278 0.00214 0.00212 0.002120 0.002120 0.002120 Limits 70 - 130	Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MAB Analysis Date 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 10.07.2020 12:16 Malysis Date	Flag U U	Dil Factor 5 5 5 5 5 Flag

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Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id: S-10 0-0.5' R		Matrix:	Soil		Samp	ble Depth: 0 - 0.5 fi	Ĺ	
Lab Sample Id: 674328-011		Date Collect	ed: 10.05.20	020 11:10	Date	Received: 10.05.20	020 15	:05
Analytical Method: Inorganic Anions by	EPA 300				Prep	Method: E300P		
Analyst: MAB		% Moist:						
Seg Number: 3138930		Date Prep: 1	0.05.2020 1	6:47	Tech:	: MAB		
1		Prep seq: 7	712691					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	3590	50.4	1.78	mg/kg	10.05.2020 19:48		5
Analytical Method: TPH By SW8015 Ma	od				Prep I	Method: 8015		
Analyst: DTH		% Moist:			-			
Sea Number: 3138843		Date Prep: 10	0.05.2020 10	6:30	Tech:	DTH		
		Prep seg: 7	712627					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<139	500	139	mg/kg	10.05.2020 20:21	U	10
Diesel Range Organics (DRO)	C10C28DRO	13100	500	115	mg/kg	10.05.2020 20:21		10
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	1320	500	115	mg/kg	10.05.2020 20:21		10
Total TPH	PHC635	14420		115.0	mg/kg	10.05.2020 20:21		
Surrogate		% Recovery		Limits	Units	Analysis Date	e	Flag
1-Chlorooctane		89		70 - 135	%			
o-Terphenyl		88		70 - 135	%			
Analytical Method: BTEX by EPA 80211	3				Prep M	Method: 5035A		
Analyst: MAB		% Moist:						
Seq Number: 3138985		Date Prep: 10	.06.2020 10):00	Tech:	MAB		
		Prep seq: 77	12709					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000488	0.00201	0.000488	mg/kg	10.07.2020 00:14	U	1
Toluene	108-88-3	<0.000531	0.00201	0.000531	mg/kg	10.07.2020 00:14	U	l ,
Ethylbenzene	100-41-4	<0.000409	0.00201	0.000409	mg/kg	10.07.2020 00:14	U	1
m,p-Xylenes	179001-23-1	<0.000738	0.00402	0.000738	mg/kg mg/kg	10.07.2020 00.14	U	1
Total Xylenes	1330-20-7	<0.0004060	0.00201	0.0004060	mg/kg	10.07.2020 00:14	ບັ	-
Total B'TEX		<0.0004060		0.0004060	mg/kg	10.07.2020 00:14	υ	
Surrogate		% Recovery		Limits	Units	Analysis Date		Flag
1 4-Diffuorobenzene		96		70 - 130	%			
4-Bromofluorobenzene		111		70 - 130	%			

Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id: S-11 0-0.5' R		Matrix:	Soil		Samp	ole Depth: 0 - 0.5 f	ì	
Lab Sample Id: 674328-012		Date Collect	ed: 10.05.20	20 11:20	Date	Received: 10.05.20	020 15	:05
Analytical Method: Inorganic Anions by l	EPA 300				Prep	Method: E300P		
Analyst: MAB		% Moist:						
Seq Number: 3138930		Date Prep: 1	0.05.2020 16	5:47	Tech:	MAB		
		Prep seq: 7	712691					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	283	10.1	0.356	mg/kg	10.05.2020 19:53		1
Analytical Method: TPH By SW8015 Mo	1				Prep I	Method: 8015		
Applyst: DTH	-	% Moist:			F -			
Car Number 2128942		Data Bran: 11	0.05.2020.16	-30	Teals	БУТЦ		
Seq Number: 3138843		Date riep: 10	1.05.2020 10		Teen:	ріп		
		Prep seq: /	/12027					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	1760	500	139	mg/kg	10.05.2020 20:42		10
Diesel Range Organics (DRO)	C10C28DRO	21200	500	115	mg/kg	10.05.2020 20:42		10
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	1910	500	114	mg/kg	10.05.2020 20:42		10
10tal 1PH	PHC035	24870		114.0	mg/kg	10.05.2020 20:42		
Surrogate		% Recovery		Limits	Units	Analysis Date	e	Flag
1-Chlorooctane		84		70 - 135	%			
o-Terphenyl		103		70 - 135	%			
Analytical Method: BTEX by EPA 8021B					Prep N	fethod: 5035A		
Analyst: MAB		% Moist:						
Seq Number: 3138985		Date Prep: 10	.06.2020 10:	:00	Tech:	MAB		
		Pren sea: 77	12709					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.0965	0.0994	0.0965	mg/kg	10.07.2020 13:36	U	200
Toluene	108-88-3	1.56	0.398	0.105	mg/kg	10.07.2020 13:36		200
Ethylbenzene	100-41-4	13.5	0.398	0.0808	mg/kg	10.07.2020 13:36		200
m,p-Xylenes	179601-23-1	12.1	0.795	0.150	mg/kg	10.07.2020 13:36		200
0-Xylene Tatal Vedanas	93-47-0 1330 20 7	9.35	0.398	0.0801	mg/kg	10.07.2020 13:36		200
Total BTEX	1330-20-7	21.45 36.51		0.08010	mg/kg	10.07.2020 13:36		
Surrogate		% Recovery		Limits	Units	Analysis Date	ł	Flag
Surrogate 1,4-Diffuorobenzene		% Recovery 95		Limits 70 - 130	Units %	Analysis Date	•	Flag

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Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

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Sample Id: B	BG-1, 0'		Matrix:	Soil		Samp	le Depth: 0 ft		
Lab Sample Id: 6	574328-013		Date Collect	ed: 10.05.20	020 09:41	Date	Received: 10.05.20	20 15:	:05
Analytical Metho	od: Inorganic Anions by E	PA 300				Prep l	Method: E300P		
Analyst: N	м́АВ		% Moist:						
Seq Number: 3	138930		Date Prep: 1	0.05.2020 1	6:47	Tech:	MAB		
			Prep seq: 7	712691					
Parameter		CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride		16887-00-6	2700	49.7	1.76	mg/kg	10.05.2020 19:59		5
Analytical Metho	od: TPH By SW8015 Mod					Prep N	Viethod: 8015		
Analyst: D	TH		% Moist:						
Sea Number: 31	138842		Date Prep: 10	0.05.2020 1	6:30	Tech:	DTH		
Bod Humbort 31	150012		Pren sea: 7	712626					
Parameter		CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range	e Hydrocarbons (GRO)	PHC610	<13.8	49.8	13.8	mg/kg	10.05.2020 21:23	U	1
Diesel Range C	Organics (DRO)	C10C28DRO	1660	49.8	11.4	mg/kg	10.05.2020 21:23		1
Motor Oil Range	e Hydrocarbons (MRO)	PHCG2835	590	49.8	11.4	mg/kg	10.05.2020 21:23		1
Total TPH		PHC635	2250		11.40	mg/kg	10.05.2020 21:23		
Surrogate			% Recovery		Limits	Units	Analysis Date	•	Flag
1-Chlorooctane o-Terphenyl	2		101 105		70 - 135 70 - 135	% %			
4 1 2 13 7 2						Dron M	lathad 5025 d		
Analytical Method	U: BIEA DY EPA 6021B		% Moist			пери	Telliou, JOJJA		
Analyst: M	IAB		70 IVIUISI.	07 2020 10		<i>m</i> 1	MAD		
Seq Number: 31	138985		Date Prep: 10	1.00.2020 10		i ech:	MAB		
			Prep seq: //	12709					
Parameter		CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene		71-43-2	<0.000489	0.00202	0.000489	mg/kg	10.06.2020 21:12	U	1
Toluene		108-88-3	<0.000532	0.00202	0.000532	mg/kg	10.06.2020 21:12	U	1
Ethylbenzene		100-41-4	<0.000409	0.00202	0.000409	mg/kg	10.06.2020 21:12	U	1
m,p-Xylenes		179001-23-1 05-47-6	<0.000700 <0.000406	0.00403	0.000760	mg/Kg	10.00.2020 21:12	ы	1
0-Aylene		1330-20-7	<0.0004060	0.00202	0.0004060	mg/kg	10.06.2020 21:12	บ	
Total Xylenes		/	<0.0004060		0.0004060	ma/ka	10.06.2020 21:12	Ū	
Total Xylenes Total BTEX			-0.000 1000		0.0004000	mg/		•	
Total Xylenes Total BTEX			% Recovery		Limits	Units	Apalysis Date	U	Flag
Total Xylenes Total BTEX Surrogate			% Recovery		Limits	Units	Analysis Date	0	Flag

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Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id: BG-2, 0'		Matrix:	Soil		Samp	ble Depth: 0 ft		
Lab Sample Id: 674328-014		Date Collect	ted: 10.05.20	020 11:25	Date	Received: 10.05.20	020 15	:05
Analytical Method: Inorganic Anions by	EPA 300				Prep	Method: E300P		
Analyst: MAB		% Moist:						
Seq Number: 3138930		Date Prep: 1	0.05.2020 1	6:47	Tech	MAB		
-		Prep seq: 7	712691					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Fiag	Dil Factor
Chloride	16887-00-6	511	9.98	0.353	mg/kg	10.05.2020 20:04		1
Analytical Method: TPH By SW8015 Mc	d				Prep l	Method: 8015		
Analyst: DTH		% Moist:						
Seg Number: 3138842		Date Prep: 10	0.05.2020 16	5:30	Tech:	DTH		
		Prep seq: 7	712626					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.0	50.3	14.0	mg/kg	10.05.2020 20:02	U	1
Diesel Range Organics (DRO)	C10C28DRO	2020	50.3	11.5	mg/kg	10.05.2020 20:02		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	326	50.3	11.5	mg/kg	10.05.2020 20:02		1
Total TPH	PHC635	2346		11.50	mg/kg	10.05.2020 20:02		
Surrogate		% Recovery		Limits	Units	Analysis Dat	e	Flag
l-Chlorooctane o-Terphenyl		103 101		70 - 135 70 - 135	% %			
Analytical Method: BTEX by EPA 8021B					Prep N	fethod: 5035A		
Analyst: MAB		% Moist:						
Seq Number: 3138985		Date Prep: 10	0.06.2020 10	:00	Tech:	MAB		
		Prep seq: 77	12709					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000490	0.00202	0.000490	mg/kg	10.06.2020 21:34	U	1
Toluene	108-88-3	< 0.000533	0.00202	0.000533	mg/kg	10.06.2020 21:34	U	1
Ethylbenzene	100-41-4	<0.000410	0.00202	0.000410	mg/kg	10.06.2020 21:34	U	1
n,p-Aylene	179001-23-1 95.47.6	<0.000701 <0.000407	0.00404 0.00202	0.000701	шу/ку та/ка	10.06.2020.21:34	U D	1
Total Xvlenes	1330-20-7	<0.0004070	0.00404	0.0004070	mg/kg	10.06.2020 21:34	Ŭ	
Total BTEX		<0.0004070		0.0004070	mg/kg	10.06.2020 21:34	U	
Surrogate		% Recovery		Limits	Units	Analysis Date		Flag
1 4-Difluorobenzene		102		70 - 130	%			
4-Bromofluorobenzene		115		70 - 130	%			

Second Se

Certificate of Analytical Results 674328

Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id: BG-3, 0'		Matrix:	Soil		Samp	ble Depth: 0 ft		
Lab Sample Id: 674328-015		Date Collect	ed: 10.05.20	020 11:30	Date	Received: 10.05.20	020 15	:05
Analytical Method: Inorganic Anions by	v EPA 300				Prep	Method: E300P		
Analyst: MAB		% Moist:						
Seq Number: 3138930		Date Prep: 1	0.05.2020 1	6:47	Tech:	MAB		
-		Prep seq: 7	712691					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	1670	49.8	1.76	mg/kg	10.05.2020 20:10		5
Analytical Method: TPH By SW8015 M	ođ				Prep 1	Method: 8015		
Anaivst: DTH		% Moist:			-			
Sea Number: 3138842		Date Prep: 10	0.05.2020 10	5:30	Tech:	DTH		
		Prep seg: 7	712626					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	50.0	13.9	mg/kg	10.05.2020 20:21	U	ł
Diesel Range Organics (DRO)	C10C28DRO	193	50.0	11.5	mg/kg	10.05.2020 20:21		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	84.5	50.0	11.4	mg/kg	10.05.2020 20:21		1
Total TPH	PHC635	277.5		11.40	mg/kg	10.05.2020 20:21		
Surrogate		% Recovery		Limits	Units	Analysis Dat	e	Flag
1-Chlorooctane o-Terphenyl		99 96		70 - 135 70 - 135	% %			
Analytical Method: BTEX by EPA 80211	3				Prep N	Aethod: 5035A		
Analyst: MAB		% Moist:						
Seq Number: 3138985		Date Prep: 10	.06.2020 10	:00	Tech:	MAB		
		Prep seq: 77	12709					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene								
Delizene	71-43-2	<0.000489	0.00202	0.000489	mg/kg	10.06.2020 21:56	U	1
Toluene	71-43-2 108-88-3	<0.000489 <0.000532	0.00202	0.000489 0.000532	mg/kg mg/kg	10.06.2020 21:56 10.06.2020 21:56	U U	1 1
Toluene Ethylbenzene m n Yulonee	71-43-2 108-88-3 100-41-4	<0.000489 <0.000532 <0.000409	0.00202 0.00202 0.00202 0.00403	0.000489 0.000532 0.000409 0.000760	mg/kg mg/kg mg/kg	10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56	U U U	1 1 1 1
Toluene Ethylbenzene m,p-Xylenes o-Xylene	71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6	<0.000489 <0.000532 <0.000409 <0.000760 <0.000406	0.00202 0.00202 0.00202 0.00403 0.00202	0.000489 0.000532 0.000409 0.000760 0.000406	mg/kg mg/kg mg/kg mg/kg mg/kg	10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56	บ บ บ บ บ	1 1 1 1
Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes	71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	<0.000489 <0.000532 <0.000409 <0.000760 <0.000406 <0.0004060	0.00202 0.00202 0.00202 0.00403 0.00202	0.000489 0.000532 0.000409 0.000760 0.000406 0.0004060	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56	บ บ บ บ บ	1 1 1 1
Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total BTEX	71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	<0.000489 <0.000532 <0.000409 <0.000760 <0.000406 <0.0004060 <0.0004060	0.00202 0.00202 0.00202 0.00403 0.00202	0.000489 0.000532 0.000409 0.000760 0.000406 0.0004060 0.0004060	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56	บ บ บ บ บ	1 1 1 1
Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total BTEX Surrogate	71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	<0.000489 <0.000532 <0.000409 <0.000760 <0.000406 <0.0004060 <0.0004060 <0.0004060	0.00202 0.00202 0.00202 0.00403 0.00202	0.000489 0.000532 0.000409 0.000760 0.000406 0.0004060 0.0004060 Limits	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56	บ บ บ บ บ บ	1 1 1 1 1 Flag
Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total BTEX Surrogate	71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	<0.000489 <0.000532 <0.000409 <0.000760 <0.000406 <0.0004060 <0.0004060 <0.0004060	0.00202 0.00202 0.00202 0.00403 0.00202	0.000489 0.000532 0.000409 0.000760 0.000406 0.0004060 0.0004060 Limits 70 - 130	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg Units	10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 Analysis Date	บ บ บ บ บ	1 1 1 1 Flag
Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total BTEX Surrogate 1,4-Difluorobenzene 4-Bromofluorobenzene	71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	<0.000489 <0.000532 <0.000409 <0.000760 <0.000406 <0.0004060 <0.0004060 <0.0004060 <10004060	0.00202 0.00202 0.00202 0.00403 0.00202	0.000489 0.000532 0.000409 0.000760 0.000406 0.0004060 0.0004060 Limits 70 - 130 70 - 130	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg Units %	10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56 10.06.2020 21:56	บ บ บ บ บ	l l l l

Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id: BG-4, 0'		Matrix:	Soil		Samp	ole Depth: 0 ft		
Lab Sample Id: 674328-016		Date Collect	ed: 10.05.2	020 11:35	Date	Received: 10.05.20	020 15	:05
Analytical Method: Inorganic Anion	s by EPA 300				Prep	Method: E300P		
Analyst: MAB		% Moist:						
Seq Number: 3138930		Date Prep: 1	0.05.2020 1	6:47	Tech:	MAB		
		Prep seq: 7	712691					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	1020	49.5	1.75	mg/kg	10.05.2020 20:15		5
Analytical Method: TPH By SW8015	5 Mod				Prep 1	Method: 8015		
Analyst: DTH		% Moist:						
Seq Number: 3138842		Date Prep: 10	0.05.2020 1	6:30	Tech:	DTH		
1		Prep sea: 7	712626					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	49.9	13.9	mg/kg	10.05.2020 20:42	U	1
Diesel Range Organics (DRO)	C10C28DRO	36.4	49.9	11.4	mg/kg	10.05.2020 20:42	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	35.0	49,9	11.4	mg/kg	10.05.2020 20:42	1	1
Total TPH	PHC635	71.40		11.40	mg/kg	10.05.2020 20:42		
Surrogate		% Recovery		Limits	Units	Analysis Date	e	Flag
1-Chlorooctane o-Terphenyl		97 99		70 - 135 70 - 135	% %			
Analytical Method: BTEX by EPA 80	21B	0() (- !-+-			Prep N	lethod: 5035A		
Analyst: MAB		% IVI01ST:	00 0000 10					
Seq Number: 3138895		Date Prep: 10	.05.2020 17	:00	Tech:	MAB		
		Prep seq: 77	12632					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000485	0.00200	0.000485	mg/kg	10.05.2020 20:34	U	1
Toluene	108-88-3	<0.000527	0.00200	0.000527	mg/kg	10.05.2020 20:34	U	1
Ethyldenzene m n-Xylenes	179601-23-1	<0.000403	0.00200	0.000403	mg/kg mg/kg	10.05.2020 20:34	U U	1
o-Xylene	95.47.6	< 0.000402	0.00200	0.000402	mg/kg	10.05.2020 20:34	U	1
-	JJ-47-0			0.0004020		10.05.2020.20-34	II	
Total Xylenes	1330-20-7	<0.0004020		0.0004020	mg/kg	10.05.2020 20.54	0	
Total Xylencs Total BTEX	1330-20-7	<0,0004020 <0,0004020		0.0004020	mg/kg	10.05.2020 20:34	U	
Total Xylencs Total BTEX Surrogate	1330-20-7	<0.0004020 <0.0004020 % Recovery		0.0004020 0.0004020 Limits	mg/kg Units	10.05.2020 20:34 10.05.2020 20:34 Analysis Date	U	Flag
Total Xylencs Total BTEX Surrogate 1.4-Difluorobenzenc	1330-20-7	<0.0004020 <0.0004020 % Recovery 98		0.0004020 0.0004020 Limits 70 - 130	mg/kg Units %	10.05.2020 20:34 10.05.2020 20:34 Analysis Date	U	Flag
Total Xylencs Total BTEX Surrogate 1,4-Difluorobenzene 4-Bromofluorobenzene	1330-20-7	<0.0004020 <0.0004020 % Recovery 98 90		0.0004020 0.0004020 Limits 70 - 130 70 - 130	mg/kg Units %	10.05.2020 20:34 10.05.2020 20:34 Analysis Date	U	Flag

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Certificate of Analytical Results 674328

Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id: BG-5, 0'		Matrix:	Soil		Samp	le Depth: 0 ft		
Lab Sample Id: 674328-017		Date Collect	ed: 10.05.20	020 11:40	Date	Received: 10.05.20	20 15:	:05
Analytical Method: Inorganic Anions by	EPA 300				Prep	Method: E300P		
Analyst: MAB		% Moist:						
Seg Number: 3138930		Date Prep: 1	0.05.2020 1	6:47	Tech:	MAB		
		Prep seq: 7	712691					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	14.6	9.98	0.353	mg/kg	10.05.2020 20:21		1
Analytical Method: TPH By SW8015 M	ođ				Prep I	Method: 8015		
Analyst: DTH		% Moist:			1			
Sog Number 2129942		Date Pren: 1(1 05 2020 16	5.30	Tech	ртн		
Seq Number, 5158842		Date riep. 10	112626		10011.	DIII		
Parameter	CAS	Result	MQL	SDL	Units	Analysis	Flag	Dil Factor
	Number		.					
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	50.1	13.9	mg/kg	10.05.2020 21:02	U	l t
Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	PHCG2835	29.7	50.1	11.5	mg/kg mg/kg	10.05.2020 21:02	J	1
Total TPH	PHC635	51.90	50.1	11.50	mg/kg	10.05.2020 21:02	·	-
Surrogate		% Recovery		Linuits	Units	Analysis Dat	e	Flag
Surrogate 1-Chlorooctane o-Terphenyl		% Recovery 102 104		Limits 70 - 135 70 - 135	Units % %	Analysis Dat	e	Flag
Surrogate 1-Chlorooctane o-Terphenyi Anal sizel Mathada DTEX has EDA 2021	D.	% Recovery 102 104		Limits 70 - 135 70 - 135	Units % %	Analysis Dat fotbod: 5035 A	e	Flag
Surrogate 1-Chlorooctane o-Terphenyi Analytical Method: BTEX by EPA 80211	8	% Recovery 102 104		Limits 70 - 135 70 - 135	Units % % Prep N	Analysis Dat Acthod: 5035A	e	Flag
Surrogate 1-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 80211 Analyst: MAB	8	% Recovery 102 104 % Moist:	02 0000 17	Limits 70 - 135 70 - 135	Units % % Prep N	Analysis Data Aethod: 5035A	e	Flag
Surrogate 1-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 80211 Analyst: MAB Seq Number: 3138895	3	% Recovery 102 104 % Moist: Date Prep: 10	.05.2020 17	Limits 70 - 135 70 - 135	Units % % Prep N Tech:	Analysis Dat 1ethod: 5035A MAB	e	Flag
Surrogate 1-Chlorooctane o-Terphenyi Analytical Method: BTEX by EPA 80211 Analyst: MAB Seq Number: 3138895	3	% Recovery 102 104 % Moist: Date Prep: 10 Prep seq: 77	.05.2020 17 12632	Limits 70 - 135 70 - 135	Units % % Prep N Tech:	Analysis Dat fethod: 5035A MAB	e	Flag
Surrogate 1-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 80211 Analyst: MAB Seq Number: 3138895 Parameter	B CAS Number	% Recovery 102 104 % Moist: Date Prep: 10 Prep seq: 77 Result	.05.2020 17 12632 MQL	Limits 70 - 135 70 - 135 :00 SDL	Units % Prep N Tech: Units	Analysis Data Aethod: 5035A MAB Analysis Date	Flag	Flag Dil Factor
Surrogate I-Chlorooctane o-Terphenyi Analytical Method: BTEX by EPA 80211 Analyst: MAB Seq Number: 3138895 Parameter Benzene	B CAS Number 71-43-2	% Recovery 102 104 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000484	.05.2020 17 12632 MQL 0.00199	Limits 70 - 135 70 - 135 :00 SDL 0.000484	Units % % Prep N Tech: Units mg/kg	Analysis Data Acthod: 5035A MAB Analysis Date 10.05.2020 20:56	e Flag U	Flag Dil Factor
Surrogate 1-Chlorooctane o-Terphenyi Analytical Method: BTEX by EPA 80211 Analyst: MAB Seq Number: 3138895 Parameter Benzene Toluene	B CAS Number 71-43-2 108-88-3	% Recovery 102 104 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000484 <0.000526	.05.2020 17 12632 MQL 0.00199 0.00199	Limits 70 - 135 70 - 135 :00 SDL 0.000484 0.000526	Units % % Prep N Tech: Units mg/kg mg/kg	Analysis Date Aethod: 5035A MAB Analysis Date 10.05.2020 20:56 10.05.2020 20:56	e Flag U U	Flag Dil Factor
Surrogate 1-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 80211 Analyst: MAB Seq Number: 3138895 Parameter Benzene Toluene Ethylbenzene	B CAS Number 71-43-2 108-88-3 100-41-4	% Recovery 102 104 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000484 <0.000526 <0.000405 <0.000405	.05.2020 17 12632 MQL 0.00199 0.00199	Limits 70 - 135 70 - 135 :00 SDL 0.000484 0.000526 0.000405 0.000405	Units % % Prep N Tech: Units mg/kg mg/kg	Analysis Date Aethod: 5035A MAB Analysis Date 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56	e Flag U U U	Flag Dil Factor
Surrogate 1-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 80211 Analyst: MAB Seq Number: 3138895 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes a Vilana	B CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95.47.6	% Recovery 102 104 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000484 <0.000526 <0.000405 <0.000751 <0.000401	.05.2020 17 12632 MQL 0.00199 0.00199 0.00199 0.00398 0.00398	Limits 70 - 135 70 - 135 :00 SDL 0.000484 0.000526 0.000405 0.000751 0.000401	Units % % Prep N Tech: Units mg/kg mg/kg mg/kg	Analysis Date fethod: 5035A MAB Analysis Date 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56	e Flag ບ ບ ບ	Flag Dil Factor
Surrogate I-Chlorooctane o-Terphenyl Analytical Method: BTEX by EPA 80211 Analyst: MAB Seq Number: 3138895 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xulenes	B CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Recovery 102 104 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000484 <0.000526 <0.000405 <0.000401 <0.0004010	.05.2020 17 12632 MQL 0.00199 0.00199 0.00199 0.00398 0.00199	Limits 70 - 135 70 - 135 :00 SDL 0.000484 0.000526 0.000405 0.000405 0.000401 0.000401	Units % % Prep N Tech: Units mg/kg mg/kg mg/kg mg/kg	Analysis Date fethod: 5035A MAB Analysis Date 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56	e Flag U U U U U U U	Flag Dil Factor 1 1 1 1 1 1
Surrogate I-Chlorooctane o-Terphenyi Analytical Method: BTEX by EPA 80211 Analyst: MAB Seq Number: 3138895 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total Xylenes Total BTEX	B CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Recovery 102 104 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000484 <0.000526 <0.000405 <0.000401 <0.000401 <0.0004010 <0.0004010	.05.2020 17 12632 MQL 0.00199 0.00199 0.00199 0.00398 0.00199	Limits 70 - 135 70 - 135 200 SDL 0.000484 0.000526 0.000405 0.000405 0.000401 0.0004010 0.0004010	Units % % Prep N Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Analysis Date Acthod: 5035A MAB Analysis Date 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56	Flag U U U U U U U U U	Flag Dil Factor
Surrogate 1-Chlorooctane o-Terphenyi Analytical Method: BTEX by EPA 80211 Analyst: MAB Seq Number: 3138895 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total BTEX	B CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Recovery 102 104 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000484 <0.000526 <0.000405 <0.000401 <0.0004010 <0.0004010	.05.2020 17 12632 MQL 0.00199 0.00199 0.00199 0.00398 0.00199	Limits 70 - 135 70 - 135 200 SDL 0.000484 0.000526 0.000405 0.000751 0.000401 0.0004010 0.0004010	Units % % Prep N Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Analysis Data Acthod: 5035A MAB Analysis Date 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56	Flag ບ ບ ບ ບ ບ ບ ບ ບ	Flag Dil Factor
Surrogate 1-Chlorooctane o-Terphenyi Analytical Method: BTEX by EPA 80211 Analyst: MAB Seq Number: 3138895 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total BTEX Surrogate	B CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Recovery 102 104 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000484	.05.2020 17 12632 MQL 0.00199 0.00199 0.00199 0.00398 0.00199	Limits 70 - 135 70 - 135 200 SDL 0.000484 0.000526 0.000405 0.000401 0.000401 0.0004010 0.0004010 Limits	Units % % Prep N Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Analysis Date fethod: 5035A MAB Analysis Date 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56	Flag ບ ບ ບ ບ ບ ບ ບ ບ	Flag Dil Factor 1 1 1 1 1 1 1 1 5 1
Surrogate 1-Chlorooctane o-Terphenyi Analytical Method: BTEX by EPA 80211 Analyst: MAB Seq Number: 3138895 Parameter Benzene Toluene Ethylbenzene m,p-Xylenes o-Xylene Total Xylenes Total BTEX Surrogate 1,4-Difluorobenzene	B CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Recovery 102 104 % Moist: Date Prep: 10 Prep seq: 77 Result <0.000484	.05.2020 17 12632 MQL 0.00199 0.00199 0.00199 0.00398 0.00199	Limits 70 - 135 70 - 135 200 SDL 0.000484 0.000526 0.000405 0.000405 0.0004010 0.0004010 0.0004010 0.0004010 0.0004010	Units % % Prep N Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Analysis Data Analysis Data MAB Analysis Date 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56 10.05.2020 20:56	Flag U U U U U U U U	Flag Dil Factor 1 1 1 1 1 1 1 5 Flag

Received by OCD: 11/18/2020 4:45:21 PM

Component Testing Xenco

Certificate of Analytical Results 674328

Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id:	7712626-1-BLK		Matrix:	Solid		Samp	le Depth:		
Lab Sample I	d: 7712626-1-BLK		Date Collect	ted:		Date	Received:		
Analytical M	ethod: TPH By SW8015 Mo	od				Prep	Method: 8015		
Analyst:	DTH		% Moist:						
Sea Number:	3138842		Date Prep: 1	0.05.2020 10:0	00	Tech:	DTH		
			Prep seq: 7	712626					
Paramete	er	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline R	ange Hydrocarbons (GRO)	PHC610	<13.9	50.0	13.9	mg/kg	10.05.2020 11:36	U	1
Diesel Ran	ige Organics (DRO)	C10C28DRO	<11.5	50.0	11.5	mg/kg	10.05.2020 11:36	U	1
Motor Oil R	ange Hydrocarbons (MRO)	PHCG2835	<11.5	50.0	11.5	mg/kg	10.05,2020 11:36	U	l
Surrogate			% Recovery		Limits	Units	Analysis Dat	e	Flag
I-Chloroo	stane		101		70 - 135	%			
o-Terphen	yl		105		70 - 135	%			
Sample Id:	7712627-1-BLK		Matrix:	Solid		Samp	le Depth:		
Lab Sample Io	l: 7712627-1-BLK		Date Collecte	ed:		Date I	Received:		
Analytical Me	thod: TPH By SW8015 Mo	d				Prep M	Aethod: 8015		
Analyst:	DTH		% Moist:						
Sea Number:	3138843		Date Prep: 10	0.05.2020 10:0	0	Tech:	DTH		
			Prep seq: 72	712627					
Paramete	r	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline R	ange Hydrocarbons (GRO)	PHC610	<13.9	50.0	13.9	mg/kg	10.05.2020 11:36	U	1
Diesel Ran	ge Organics (DRO)	C10C28DRO	<11.5	50.0	11.5	mg/kg	10.05.2020 11:36	U	1
Motor Oil Ra	inge Hydrocarbons (MRO)	PHCG2835	<11.5	50.0	11.5	mg/kg	10.05.2020 11:36	U	1
Surrogate			% Recovery		Limits	Units	Analysis Date		Flag
1-Chlorooc	tane		112		70 - 135	%			
o-Terpheny	d		114		70 - 135	%			

Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id: 7712632-1-BLK		Matrix:	Solid		Samp	le Depth:		
Lab Sample Id: 7712632-1-BLK		Date Collecto	ed:		Date	Received:		
Analytical Method: BTEX by EP	A 8021B				Prep 1	Method: 5035A		
Analysts MAB		% Moist:						
		Data Branu 16	0.05.2020.10	·00	Taabi	MAR		
Seq Number: 3138895		Date Flep. IC	7.00.202010	,00	TCCII.	MAB		
		Prep seq: T_i	/12632					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000486	0.00200	0.000486	mg/kg	10.05.2020 10:32	U	[
Toluene	108-88-3	< 0.000528	0.00200	0.000528	mg/kg	10.05,2020 10:32	U	1
Ethylbenzene	100-41-4	<0.000406	0.00200	0.000406	mg/kg	10.05.2020 10:32	U	1
m,p-Xylenes	179601-23-1	<0.000754	0.00400	0.000754	mg/kg	10.05.2020 10:32	ບ	1
o-Xylene	95-47-6	<0.000403	0.00200	0.000403	mg/kg	10.05.2020 10:32	U	1
Surrogate		% Recovery		Limits	Units	Analysis Date	e	Flag
1,4-Difluorobenzene		99		70 - 130	%			
4-Bromofluorobenzene		85		70 - 130	%			
Sample Id: 7712691-1-BLK		Matrix:	Solid		Sampl	e Depth:		
Lab Sample Id: 7712691-1-BLK		Date Collecte	d:		Date F	Received:		
Analytical Method: Inorganic Ani	ons by EPA 300				Prep M	fethod: E300P		
Analyst: MAB		% Moist:						
Seq Number: 3138930		Date Prep: 10	.05.2020 16:	47	Tech:	MAB		
		Prep seq: 77	12691					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	<0.354	10.0	0.354	mg/kg	10.05.2020 17:42	U	1

Talon LPE-Artesia, Artesia, NM EK 29 BS 2 FED COM 2H

Sample Id:	7712709-1-BLK		Matrix:	Solid		Samp	e Depth:		
Lab Sample Id	: 7712709-1-BLK		Date Collec	cted:		Date I	Received:		
Analytical Met	hod: BTEX by EPA 8021B					Prep N	Aethod: 5035A		
Analyst:	MAB		% Moist:						
Seq Number:	3138985		Date Prep:	10.06.2020 10	:00	Tech:	MAB		
			Prep seq:	7712709					
Parameter		CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene		71-43-2	<0.000486	0.00200	0.000486	mg/kg	10.06.2020 09:59	U	1
Toluene		108-88-3	<0.000528	0,00200	0.000528	mg/kg	10.06.2020 09:59	U	1
Ethylbenzen	e	100-41-4	<0.000406	0.00200	0.000406	mg/kg	10.06.2020 09:59	U	1
m,p-Xylenes		179601-23-1	<0.000754	0.00400	0.000754	mg/kg	10.06.2020 09:59	U	1
o-Xylene		95-47-6	<0.000403	0.00200	0.000403	mg/kg	10.06.2020 09:59	U	Ł
Surrogate			% Recovery		Limits	Units	Analysis Date		Flag
1,4-Difluoro	benzene		101		70 - 130	%			
4-Bromofluc	orobenzene		109		70 - 130	%			

Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- ** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.	ND Not Detected			
RL Reporting Limit				
MDL Method Detection Limit	SDL Sample Det	tection Limit	LOD Limit of Detection	
PQL Practical Quantitation Limit	MQL Method Qu	antitation Limit	LOQ Limit of Quantitation	n
DL Method Detection Limit				
NC Non-Calculable				
SMP Client Sample		BLK	Method Blank	
BKS/LCS Blank Spike/Laboratory	Control Sample	BKSD/LCSD	Blank Spike Duplicate/Labo	ratory Control Sample Duplicate
MD/SD Method Duplicate/Sampl	e Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NELAC certification not offered t	for this compound.			

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Form 2 - Surrogate Recoveries

Project Name: EK 29 BS 2 FED COM 2H

Report Date: 11182020 Work Orders : 674328 Project ID: 702678.002.01 Lab Batch #: 3138895 Sample: 7712632-1-BLK / BLK Matrix: Solid Batch: 1 SURROGATE RECOVERY STUDY Date Analyzed: 10.05.2020 10:32 mg/kg Units: Amount True Control BTEX by EPA 8021B Found Amount Recovery Limits Flags %R [A] B %R [D] Analytes 1,4-Difluorobenzene 0.0296 0.0300 99 70-130 4-Bromofluorobenzene 0.0256 0.0300 85 70-130 Lab Batch #: 3138895 Sample: 7712632-1-BKS / BKS Matrix: Solid Batch: 1 SURROGATE RECOVERY STUDY Date Analyzed: 10.05.2020 10:54 Units: mg/kg Control Amount True BTEX by EPA 8021B Found Amount Recovery Limits Flags %R %R [A] B [D] Analytes 1,4-Difluorobenzene 0.0300 98 70-130 0.0293 0.0300 70-130 4-Bromofluorobenzene 0.0262 87 Sample: 7712632-1-BSD / BSD Batch: 1 Matrix: Solid Lab Batch #: 3138895 SURROGATE RECOVERY STUDY Date Analyzed: 10.05.2020 11:17 Units: mg/kg Amount True Control BTEX by EPA 8021B Recovery Limits Flags Found Amount [A] [B] %R %R D Analytes 1,4-Difluorobenzene 0.0295 0.0300 98 70-130 4-Bromofluorobenzene 0.0267 0.0300 70-130 89 Sample: 674261-001 SD / MSD Matrix:Soil Batch: 1 Lab Batch #: 3138895 SURROGATE RECOVERY STUDY Date Analyzed: 10.05.2020 12:01 mg/kg Units: True Control Amount BTEX by EPA 8021B Amount Recovery Limits Flags Found %R [A] [B] %R [D] Analytes 1,4-Difluorobenzene 0.0289 0.0300 96 70-130 0.0248 0.0300 83 70-130 4-Bromofluorobenzene Sample: 674261-001 S / MS Batch: 1 Matrix: Soil Lab Batch #: 3138895 SURROGATE RECOVERY STUDY Date Analyzed: 10.05.2020 12:24 mg/kg Units: True Control Amount BTEX by EPA 8021B Found Amount Recovery Limits Flags %R %R [A] [B] [D] Analytes 1,4-Difluorobenzene 0.0300 98 70-130 0.0294 0.0257 0.0300 86 70-130

Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

4-Bromofluorobenzene

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

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Form 2 - Surrogate Recoveries

Project Name: EK 29 BS 2 FED COM 2H

Report Date: 11182020 Work Orders: 674328 Project ID: 702678.002.01 Matrix: Solid Sample: 7712709-1-BLK / BLK Lab Batch #: 3138985 Batch: I SURROGATE RECOVERY STUDY Date Analyzed: 10.06.2020 09:59 mg/kg Units: True Control Amount BTEX by EPA 8021B Amount Recovery Limits Flags Found %R [A] B %R [D] Analytes 0.0302 0.0300 101 70-130 1,4-Diffuorobenzene 0.0300 109 70-130 0.0328 4-Bromofluorobenzene Matrix: Solid Sample: 7712709-1-BKS / BKS Batch: 1 Lab Batch #: 3138985 SURROGATE RECOVERY STUDY Date Analyzed: 10.06.2020 10:22 Units: mg/kg Control Amount True BTEX by EPA 8021B Recovery Limits Flags Found Amount %R %R [A] **B**] |D| Analytes 0.0300 0.0294 98 70-130 1,4-Difluorobenzene 0.0293 0.0300 70-130 98 4-Bromofluorobenzene I Matrix: Solid Sample: 7712709-1-BSD / BSD Batch: Lab Batch #: 3138985 SURROGATE RECOVERY STUDY Date Analyzed: 10.06.2020 10:44 Units: mg/kg Amount Тупе Control BTEX by EPA 8021B Recovery Limits Flags Found Amount %R [A] [B] %R D Analytes 70-130 0.0287 0.0300 96 1,4-Difluorobenzene 0.0300 105 70-130 0.0315 4-Bromofluorobenzene 1 Matrix: Soil Lab Batch #: 3138985 Sample: 674352-001 S / MS Batch: SURROGATE RECOVERY STUDY Date Analyzed: 10.06.2020 11:07 Units: mg/kg True Control Amount BTEX by EPA 8021B Recovery Limits Flags Found Amount %R [A] [B] %R [D] Analytes 99 70-130 0.0297 0.0300 1,4-Difluorobenzene 105 70~130 4-Bromofluorobenzene 0.0314 0.0300 Sample: 674352-001 SD / MSD Matrix:Soil Batch: 1 Lab Batch #: 3138985 SURROGATE RECOVERY STUDY Date Analyzed: 10.06.2020 11:29 mg/kg Units: True Control Amount BTEX by EPA 8021B Amount Recovery Limits Flags Found %R %R [A][B] [D] Analytes 100 70-130 0.0301 0.0300 1,4-Difluorobenzene 0.0314 0.0300 105 70-130 4-Bromofluorobenzene

Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

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Form 2 - Surrogate Recoveries

Project Name: EK 29 BS 2 FED COM 2H

Report Date: 11182020 Work Orders : 674328 Project ID: 702678.002.01 Sample: 7712626-1-BKS / BKS Matrix: Solid Lab Batch #: 3138842 Batch: 1 SURROGATE RECOVERY STUDY Date Analyzed: 10.05.2020 10:56 mg/kg Units: Amount True Control TPH By SW8015 Mod Found Amount Recovery Limits Flags %R [A] B %R [D] Analytes 1-Chlorooctane 110 100 110 70-135 o-Terphenyl 51.3 50.0 103 70-135 Lab Batch #: 3138842 Sample: 7712626-1-BSD / BSD Batch: 1 Matrix: Solid SURROGATE RECOVERY STUDY Date Analyzed: 10.05.2020 11:16 mg/kg Units: Control Amount True TPH By SW8015 Mod Found Recovery Limits Flags Amount %R %R [A] B [D] Analytes 112 1-Chlorooctane 112 100 70-135 50.0 103 70-135 51.3 o-Terphenyl Sample: 7712626-1-BLK / BLK Batch: 1 Matrix: Solid Lab Batch #: 3138842 SURROGATE RECOVERY STUDY mg/kg Date Analyzed: 10.05.2020 11:36 Units: Amount True Control TPH By SW8015 Mod Amount Recovery Limits Flags Found %R [A] [B] %R \mathbf{D} Analytes 1-Chlorooctane 101 100 101 70-135 52.6 50.0 105 70-135 o-Terphenyl Sample: 674035-014 S / MS Matrix: Soil Lab Batch #: 3138842 Batch: 1 SURROGATE RECOVERY STUDY Date Analyzed: 10.05.2020 12:16 mg/kg Units: True Centrol Amount TPH By SW8015 Mod Found Amount Recovery Limits Flags %R [A] [B] %R [D] Analytes 131 130 99.6 70-135 1-Chlorooctane 62.7 49.8 126 70-135 o-Terphenyl Lab Batch #: 3138842 Sample: 674035-014 SD / MSD Batch: 1 Matrix:Soil SURROGATE RECOVERY STUDY Date Analyzed: 10.05.2020 12:36 mg/kg Units: True Control Amount TPH By SW8015 Mod Found Amount Recovery Limits Flags %R **[B]** %R [A] [D] Analytes 131 100 131 70-135 1-Chlorooctane 61.0 50.2 122 70-135 o-Terphenyl

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Second Section Section

Form 2 - Surrogate Recoveries

Project Name: EK 29 BS 2 FED COM 2H

Work Orders : 674 Lab Batch #: 3138843	328 Sample: 7712627-1-BKS/E	BKS Bat	Report Da Project 1 ch: 1 Matri	te: 11182020 D: 702678.00 x:Solid	02.01	
Units: mg/kg	Date Analyzed: 10.05.2020 10:56	SU	JRROGATE R	ECOVERY	STUDY	1
ТРН	By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
I-Chlorooctane		123	100	123	70-135	
o-Terphenyl		57.3	50.0	115	70-135	
Lab Batch #: 3138843	Sample: 7712627-1-BSD / B	SD Bate SU	h: 1 Matrix RROGATE R	:Solid ECOVERY	STUDY	•
TPH	By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
	Analytes			[D]		
1-Chlorooctane		125	100	125	70-135	
o-Terphenyl		58.0	50.0	116	70-135	
Lab Batch #: 3138843 Units: mg/kg	Sample: 7712627-1-BLK / B Date Analyzed: 10.05.2020 11:36	LK Bate SU	h: 1 Matrix RROGATE R	::Solid ECOVERY S	STUDY	
ТРН	By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Fiags
	Analytes		100		70.126	
o-Tembenyl		57.2	50.0	112	70-135	
		51.2	50.0		70-155	
Lab Batch #: 3138843 Units: mg/kg	Sample: 674035-015 S / MS Date Analyzed: 10.05.2020 12:16	Batcl SU	h: 1 Matrix RROGATE RI	:Soil ECOVERY S	STUDY	
TPH	By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
	Analytes		-	[D]		
1-Chlorooctane		135	100	135	70-135	
o-Terphenyl		65.4	50.1	131	70-135	
Lab Batch #: 3138843	Sample: 674035-015 SD / MS	SD Batel	h: 1 Matrix	Soil		
Units: mg/kg	Date Analyzed: 10.05.2020 12:36	SUI	RROGATE RI	COVERY S	TUDY	
TPH	By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
1.011	Analytes	100	00.7	[U] 100	70.107	
1-Chlorooctane		133	99.7	133	70-135	
о-тепрпенут		03,8	49.9	128	10-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

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BS / BSD Recoveries

Project Name: EK 29 BS 2 FED COM 2H

Work Order #: 674328 Lab Batch ID: 3138895 MAB Analyst:

Date Prepared: 10.05.2020

Batch #: 1

Sample: 7712632-1-BKS

mg/kg

Units:

Project ID: 702678.002.01 Date Analyzed: 10.05.2020 Matrix: Solid

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

								-				
BTEX by E	PA 8021B	Blank mle Result	Spike	Blank Snite	Blank	Spike	Blank 6 :	Blk. Spk		Control	Control	
		[A]	nanner	Spine Result	%R	Added	Spike Dunlicate	dn dn %	RPD °	Limits	Limits	Flag
Analytes			[<u>B</u>]		ē	[E]	Result [F]	į 5	•	X10/	%KFD	
Benzene	V	0.000486	0.100	0.1050	105	0.100	0.1080	108	"	70.130	35	
Toluceo							000110	221	ſ	NCT-N/	 	
Attanto T	▼	0.000528	0.100	0.1030	103	0.100	0.1060	106	3	70-130	35	
Ethvlhenzene		1010000	0070						1	· · ·		
	×	0.000406	0.100	0.09730	6	0.100	0.09930	66	0	71-129	35	
m,p-Xylenes	V	0.000754	0.200	0.1050	00	0000	0.000					
			0.4·0	000100	20	0.12.00	0002.0	001	'n	70-135	35	
o-Xylcne	~	0.000403	0.100	0.09520	95	0.100	0.09770	98	6	71-133	35	
	The second s	and a second									2	
Analyst: INLAD		Da	ite Prepare	ed: 10.06.202	0			Date A	nalyzed: 1	0.06.2020		
Lab Batch ID: 3138985	Sample: 7712709-1-BKS		Batch	#: 1					M	1:2		

Flag Control Limits %RPD 35 35 35 35 35 71-129 71-133 70-130 70-130 70-135 Control Limits %R RPD % 0 0 0 ŝ ---Blk. Spk Dup. %R 16 88 92 2 22 0.09180 0.09220 0.091000.08770 Duplicate Result [F] 0.1840Blank Spike Spike Added 0.100 0.100 0.100 0.100 0.200 Ξ Blank Spike %R [D] 92 90 88 91 91 0.09130 0.08780 0.09100 0.1840 0.08980 Blank Spike Result <u>5</u> 0.100 0.200 0.100 0.100 0.100 Spike Added <u>8</u> Sample Result <0.000486 <0.000528 <0.000406 <0.000403 <0.000754 Blank Z BTEX by EPA 8021B Analytes Ethylbenzene m,p-Xylenes o-Xylene Toluene Benzene

Relative Percent Difference RPD = 200*[(C-F)/(C+F)] Blank Spike Recovery [D] = 100*(C)/[B] Blank Spike Duplicate Recovery [G] = 100*(F)/[E] All results are based on MDL and Validated for QC Purposes

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Matrix: Solid

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

mg/kg

Units:

							Dro	iort ID.	702678 002	10			
	ğ	ite Prepar	ed: 10.05.202	0			Date A	nalyzed:	10.05.2020				
ample: 7712691-1.	BKS	Batcl	1#: 1					Matrix:	Solid				
		BLAN	K /BLANK	SPIKE /]	BLANK S	SPIKE DUP	LICATE	RECOV	ERY STUI	ΥC			
PA 300	Blank Sample Result	Spike Added	Blank Spike	Blank Snike	Spike	Blank Snitra	Blk. Spk	uu a	Control	Control			
	[4]	B	Result [C]	%R [D]	[E]	Duplicate Result [F]	[G]	%	LIMIS %R	LIMITS %RPD	<u>*</u> ag		
n en	<0.354	250	256.0	102	250	258.0	103	-	90-110	20			
	Ds	ite Prepar	ed: 10.05.202	0			Date A	nalyzed:	10.05.2020				
ample: 7712626-1.	BKS	Batcl	1#: 1					Matrix:	Solid				
		BLAN	K /BLANK	SPIKE /]	BLANK S	SPIKE DUP	LICATE	RECOV	ERY STUI	ΥC			
Aod	Blank	Spike	Blank	Blank	Spike	Blank	Blk. Spk		Control	Control			
	Sample Result [A]	Added	Spike Result	Spike %R	Added	Spike Durdicate	Dup. % D	RPD	Limits	Limits	Flag		
		[B]	[C]	ē	[3]	Result [F]	[0]	%	XI%	%KFD			
	<13.9	1000	897.0	06	1000	908.0	16	-	70-135	35			
	<11.5	1000	1010	101	1000	1020	102		70-135	35			
	D	ate Preparo	ed: 10.05.202	0			Date A	nalyzed:	10.05.2020				
ample: 7712627-1.	BKS	Batch	1 #1					Matrix:	Solid				
		BLAN	K /BLANK	SPIKE /]	BLANK S	SPIKE DUP	LICATE	RECOV	ERY STUI	YC			
Aod	Blank Sample Result	Spike Added	Blank Spike	Blank Spike	Spike Added	Blank Spike	Blk. Spk Dup.	RPD	Control Limits	Control Limits	Flag		
	<u>R</u>	B	Result [C]	8% [0]	[3]	Duplicate Result [F]	%R [G]	%	%R	%RPD	D		
	<13.9	1000	1010	101	1000	1040	104	6	70-135	35			
	<11.5	1000	1120	112	1000	1160	116	4	70-135	35			
	ample: 7712691-1- PA 300 ample: 7712626-1- ample: 7712627-1-	De ample: 7712691-1-BKS PA 300 Blank PA 300 Blank [A]	Date Preparation ample: 7712691-1-BKS Batch PA 300 Blank Spike BLAN Sample Result Added IAJ IAJ BLAN ample: 7712626-1-BKS Batch Batch ample: 7712626-1-BKS Blank Spike Added IAJ IB Added IAJ IB Added Sample Result Added Added Sample Result Added Added Sample Result Added Added IAJ IB Added Sample Result Added Added Sample Result Added Added Sample Result Added Added IA IA Added Sample Result Added Added Sample Result Added	Date Prepared: 10.05.202ample: 7712691-1-BKSBatch #: 1PA 300BlankBlank /BLANKPA 300BlankSample ResultAddedSpike <tr< td=""><td>Date Prepared:10.05.2020ample:7712691-1-BKSBatch #: 1Batch #: 1BLANK /BLANK SPIKE / JPA 300BlankSpikeBlanksample ResultAddedSpikeSpike A][B][CI[D]$A 300$BlankSpikeSpikesample ResultAddedSpikeSpike A][B][CI[D]$A 300$Blank[B][CI$A 300$Blank[B][CI$A 300$BlankSpikeSpike$A 112526-1-BKS$Batch #: 1[CI$A 112526-1-BKS$Batch #: 1[CI<math>A 112[B][B][CI<math>A 112[B][B][CI<math>A 112[B][B][CI<math>A 112[B][CI[D]<math>A 112[B][CI[D]<math>A 112[B][CI[D]<math>A 112[A][B][CI<math>A 112[B][CI[D]<math>A 112[B][CI[D]<math>A 112[A][B][CI<math>A 112[A][B][CI<math>A 112[A][B][CI<math>A 112[A][B][CI<math>A 112[A][B][CI<math>A 112[A][B][CI<math>A 112[A][A][A]<math>A 112[A][A][A]<math>A 112[A][A][A]<math>A 112<t< math=""></t<></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></td><td>Tri2691-1-BKSDate Prepared: 10.05 2020ample: 7712691-1-BKSBatch #: 1BLANK /BLANK SPIKE / BLANKPA 300BlankSpikeSpikeSpikeSpikeSpikeSpikeAdded[A][B][C][D][E][D][E][E][E][E][A][B][C][D][C][D][E][E][E][A][B][C][D][C][D][E][E][A][B][C][D][D][C][D][E][A][B][C][D][D][C][D][E][A][B][C][D][D][D][D][D][A][B][C][D][D][D][D][D][A][B][C][D][D][D][D][D][A][B][C][D][D][D][D][D][A][B][C][D][D][D][D][D][A][B][C][D][D][D][D][D][A][B][C][D][D][D][D][D][A][A][B][C][D][D][D][D][A][A][B][C][D][D][D][D][A][A][B][C][D][D][D][D][A][A][B]</td><td>Date Prepared: 10.05.2020 ample: 7712691-1-BKS Barch #: 1 BLANK /BLANK SPIKE / BLANK SPIKE DUP PA 300 Blank Spike Blank Spike Blank Spike Blank PA 300 Blank Spike Spike Spike Spike Spike Spike Spike PA 300 Blank Spike Spike Spike Spike Spike Spike Spike PA 300 Blank Spike Spike Spike Spike Spike Spike Spike Added Spike Spike Spike Spike Spike Spike Spike Anded Spike Spike Spike Spike Spike Spike Added Spike Spike Spike Spike<td>Properted:IO05.2020Date A Date Frepared:IO05.2020Date A Date Aample:TT12691-1-BKSBLANK /BLANK SPIKE / BLANK SPIKE DUPLICATEPA 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A][B][CI[D] $A 300$ Blank[B][CI $A 300$ Blank[B][CI $A 300$ BlankSpikeSpike $A 112526-1-BKS$ Batch #: 1[CI $A 112526-1-BKS$ Batch #: 1[CI $A 112[B][B][CIA 112[B][B][CIA 112[B][B][CIA 112[B][CI[D]A 112[B][CI[D]A 112[B][CI[D]A 112[A][B][CIA 112[B][CI[D]A 112[B][CI[D]A 112[A][B][CIA 112[A][B][CIA 112[A][B][CIA 112[A][B][CIA 112[A][B][CIA 112[A][B][CIA 112[A][A][A]A 112[A][A][A]A 112[A][A][A]A 112$	Tri2691-1-BKSDate Prepared: 10.05 2020ample: 7712691-1-BKSBatch #: 1BLANK /BLANK SPIKE / BLANKPA 300BlankSpikeSpikeSpikeSpikeSpikeSpikeAdded[A][B][C][D][E][D][E][E][E][E][A][B][C][D][C][D][E][E][E][A][B][C][D][C][D][E][E][A][B][C][D][D][C][D][E][A][B][C][D][D][C][D][E][A][B][C][D][D][D][D][D][A][B][C][D][D][D][D][D][A][B][C][D][D][D][D][D][A][B][C][D][D][D][D][D][A][B][C][D][D][D][D][D][A][B][C][D][D][D][D][D][A][B][C][D][D][D][D][D][A][A][B][C][D][D][D][D][A][A][B][C][D][D][D][D][A][A][B][C][D][D][D][D][A][A][B]	Date Prepared: 10.05.2020 ample: 7712691-1-BKS Barch #: 1 BLANK /BLANK SPIKE / 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Relative Percent Difference RPD = 200*[(C-F)/(C+F)] Blank Spike Recovery [D] = 100*(C)/[B] Blank Spike Duplicate Recovery [G] = 100*(F)/[E] All results are based on MDL and Validated for QC Purposes

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Final 1.002

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Project Name: EK 29 BS 2 FED COM 2H

BS / BSD Recoveries

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🔆 eurofins Environment Testung Xenco

Form 3 - MS / MSD Recoveries

Project Name: EK 29 BS 2 FED COM 2H

				Report Date:	07070111
				Project ID:	702678.002.01
QC- Sample ID:	674261-001 S	Batch #:		Matrix: Soil	
Date Prepared:	10.05.2020	Analyst:	MAB		

3138895 10.05.2020

mg/kg

Reporting Units:

Lab Batch ID: Date Analyzed:

674328

Work Order # :

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

						-	-					
B	FEX by EPA 8021B	Parent Sample	Spike	Spiked Sample Result	Spiked Sample	Snike	Duplicate Sniked Samula	Spiked	Udd	Control	Control	i
	Analytes	Result [A]	Added [B]	[]	B]	Added [E]	Result [F]	[G] %R	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	LIIIUS %R	LIMITS %RPD	r lag
Benzene		<0.000488	0.101	0.109	108	0.101	0.125	124	14	70-130	35	
Toluene		<0.000531	0.101	0.104	103	0.101	0.130	001	: ?			
Ethvlbenzene		<0.000400	1010	1 00 0	2	10110	0.01.0	671	7	/u-15U	çç	
- 1		COLOOD OF	101.0	406010	74	101.0	0.122	121	24	71-129	35	
m,p-Aylenes		<0.000758	0.201	0.190	95	0.202	0.245	121	25	70-135	35	
o-Xylene		<0.000406	0.101	0.0958	95	0.101	0.118	117	21	71-133	35	
Lab Batch ID:	3138985 QC	- Sample ID:	674352-	001 S	Bat	ch #:	1 Matrix:	Soil	-			
Date Analyzed:	10.06.2020 Dat	te Prepared:	10.06.20	120	Ans	ilvst: M	AB					
Reporting Units:	ng/kg	ſ										

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

				Ì							
BTEX by EPA 8021B	Parent Sample Result	Spike Added	Spiked Sample Result [C]	Spiked Sample %R	Spike Added	Duplicate Spiked Sample Result [F]	Spikeď Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes	[Y]	[8]		ē	[8]		5				
Benzene	<0.000483	0.0994	0.110	111	0.0998	0.107	107	6	70-130	35	
Toluene	<0.000525	0.0994	0.106	107	0.0998	0 102	101		001.05		
Define the second se					2		72	t	001-01	2	
EuryDenzene	<0.000404	0.0994	0.111	112	0.0998	0.107	107	ক	71-129	35	
m,p-Xylenes	<0.000749	0.199	0.228	115	0.200	0.220	110	4	70-135	35	
o-Xylene	<0.000401	0000	011.0		0000 0					5	
and	TOLOOD	+~~~~	011.0	111	8660.0	0.104	104	9	71-133	35	

Matrix Spike Percent Recovery [D] = 100*(C-A) / B Relative Percent Difference RPD = 200*((C-F) / (C+F)

Matrix Spike Duplicate Percent Recovery [G] = $100^{4}(F-A)/E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, J = Interference, NA = Not Applicable N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked. Final 1.002

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Form 3 - MS / MSD Recoveries

Project Name: EK 29 BS 2 FED COM 2H

Report Date: 11182020 Project ID: Analyst: MAB ---Batch #: QC- Sample ID: 674328-008 S Date Prepared: 10.05.2020 10.05.2020 3138930 674328 mg/kg

Reporting Units:

Date Analyzed: Lab Batch ID:

Work Order # :

Matrix: Soil

702678.002.01

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

						-					i	
Inoi	ceanic Anions by EPA 300	Parent		Spiked Sample	Spiked		Duplicate	Spiked		Control	Control	
		Sample	Spike	Result	Sample	Spike	Spiked Sample	Dup.	RPD	Limits	Limite	Flag
	Analytes	[A]	Added [B]	<u>[</u>]	%R [D]	Added [E]	Result [F]	1G]	%	%R	%RPD	10 1 1
5					-							
Calonde		519	661	718	100	199	717	66	0	90-110	20	
				····				-				
Lab Batch ID:	3138930 QC	C- Sample ID:	674333-(001 S	Bate	:P #:	1 Matrix:	Soil				
Date Analyzed:	10.05.4020 Da	ate Prepared:	10.05.20	20	Ana	lyst: M	AB					
Reporting Units:	mg/kg											

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inoi	ganic Anions by EPA 300	Parent Sample	Spike	Spiked Sample Result	Spiked	Snike	Duplicate Sniked Samula	Spiked	uaa	Control	Control	
	Analytes	Result [A]	Added [B]	[]	%R [0]	Added [E]	Result [F]		%	Limus %R	Limits %RPD	H B B B
Chloride		1 1 1	000	000	00							
		Ŧ	400	700	8%	200	342	66	-	90-110	20	
Lab Batch ID:	3138842 Q	C- Sample ID:	674035-	014 S	Bat	ch #:	1 Matrix	Soil				
Date Analyzed:	10.05.2020 Di	ate Prepared:	10.05.2(120	Ana	dyst: D	TH					
Reporting Units:	mg/kg					•						

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod	Parent Sample	Snike	Spiked Sample Becult	Spiked	Callo	Duplicate	Spiked		Control	Control	
Analytes	Result [A]	Added [B]	[C]	%R %B [D]	Added [E]	opukcu ozimpie Result [F]	Lup.	КР <u></u> 0%	Limits %R	Limits %RPD	Flag
						-					
Uasoume Kange Hydrocarbons (GKU)	<13.8	966	1160	116	1000	1140	114	7	70-135	35	
				T							
Diesel Nauge Urganics (DRU)	<11.4	966	1160	116	1000	1160	116	0	70-135	35	
					-			,		2	

Matrix Spike Percent Recovery [D] = 100*(C-A) / B Relative Percent Difference RPD = 200*((C-F) / (C+F))

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

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Form 3 - MS / MSD Recoveries

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Project Name: EK 29 BS 2 FED COM 2H

				Report Date:	11182020
				Project ID:	702678.002.01
QC- Sample ID:	674035-015 S	Batch #:	Ц	Matrix: Soil	
Date Prepared:	10.05.2020	Analyst:	DTH		

3138843 10.05.2020

mg/kg

Reporting Units:

Lab Batch ID: Date Analyzed:

674328

Work Order # :

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod	Parent Sample	Spike	Spiked Sample Result	Spiked Sample	Snike	Duplicate Sniked Samole	Spiked	uaa	Control	Control	Ģ
Analytes	Result [A]	Added [B]	[C]	%R [D]	Added [E]	Result [F]	<u>G</u> %	%	%R	%RPD	50 21 4
Casoline Kange Hydrocarbons (GRU)	<13.9	1000	1260	126	766	1240	124	2	70-135	35	
										2	
LUESEI RAUGE UTGAINES (LUKU)	<11.5	1000	1240	124	766	1190	611	4	70-135	5 E	
										ŕ	

Matrix Spike Percent Recovery [D] = 100*(C-A) / B Relative Percent Difference RPD = 200*((C-F) / (C+F))

Matrix Spike Duplicate Percent Recovery $[G] = 100^{*}(F-A) / E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

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	5	MLY LLI.	Relinquished by: (Signature)	of service. Xence will be liable only for the cost of ser of Aence. A minimum charge of \$75.00 will be applied	Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be				126-3 0	,0 C. 751	36-1 0'	5-11 0-0.5 R	5-10 0-0.5 R So	D Sample Identification Ma	L ON SOL Stead Control Strategy	Cooler Custody Seals: Yes No N	Received Intact: Yes Wo	Temperature (°C):	SAMPLE RECEIPT Temp BI	PO #:	Sampler's Name: MICHAEL C	Project Location (EA COUNT	Brolect Number: NOA (JB . 00)	Project Name: EK 29 B53 Fr	Phone: 575. 746-87	City, State ZIP: ARTESIA 1	Address: 408 W. TEXA:	Company Name: TAWN CPE	Project Manager: D. ADKINS		LABORATORI	
		J L L	Received by: (Signature)	in or semption consumes a value purchass order inter more mples and shall not assume any responsibility for any loss if a each project and a charge of 55 for each sample submi	: 8RCRA 13PPM Tex e analyzed TCLP / SPLP 6010: 8RC		, 0 <u>0h'll</u>	0 cc'/	11:30	1 1.75 0'	9:41 0'	11:20 0-0.5 R	1 10-5-20 11:10 0-0-0'R	atrix Date Time Depth Sampled	WA LOTAL CONTAINERS;	N/A V Correction Factor:	X	M Decisionates ID	lank: Yes No Wetlce: Yes No	Quote *:	DULER Due Date:	H NM Rush:		ED COM 2H Turn Around	168 Email: dod tows 6	VIN 88210 City Stat	S AUE	Company's	Billio (d.a	Phoenix, AZ (480) 355-0990 Atlanta, GA (「三 伝」 Midland,TX (432) 704-5440 EL Paso,7	
	7	0221 & ware or 25	Date/Time Relinquished by: (w company to Annoo, its annuales and supcontractors, it designs s are or expenses incurred by the client if such losses are due to ch lited to Xonco, but not analyzed. These terms will be enforced unly lited to Xonco.	as 11 Al Sb As Ba Be B Cd Ca Cr Co Cu CRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo									Numi ST TF	er i Ex 14 TP		CH		<u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>	ES			Coda	SISATUNY	Stateripe.com		dress.	Name: JACOUEUNE BUGZEK	Merent PRIMA EXPLORATION INC.	770) 449-8800 Tampa,FL (813) 620-2000 West Palm Beach,	200 Dallas, TX (214) 902-0300 San Antonio, TX (210) 509-333 TX (915) 585-3443 Lubbock, TX (806) 794-1296 Crasibad, NM	Chain of Custody
	9	1 1 e	Signature) Receives by: (Signature)	runnarro terms and conturions runnstances beyond the control ass previously negotiated.	Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti : Ni Se Ag Ti U 1631/2											ТАТ sta	<u> Zп Асе</u>	NaOH	H H	H2S04:	HN03;	None:	MeOtt	SREQUEST	Deliverables: EDD ADaPT	Reporting:Level II CLevel III PST/UST	State of Project:	Program: UST/PST PRP Brownfields	Work Order Comme	FL (561) 689-6701 WWW XERCO.com Pa	34 ((432) 704-5440	Work Order No: 6
Rovised Date 022619 Rev. 2019		<u></u>	Date/Time		Sn U. V. Zn \$5.177470 / 7471 : Hg	and a second								Sample Comments	received by 4:00pm	rts the day received by the lab, i	tate+ NaOH: Zn	Na	r	H2	HN	ō	Me	reservative Codes	Other:			RRC Superfund		ge 33 of 2		14328

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Eurofins Xenco, LLC Prelogin/Nonconformance Report- Sample Log-In

Client: Talon LPE-Artesia	Acceptable Temperature	Range: 0 - 6 degC
Date/ Time Received: 10.05.2020 03.05.00 PM	Air and Metal samples Ac	cceptable Range: Ambient
Work Order #: 674328	Temperature Measuring of	device used: T_NM_007
Sample Recei	pt Checklist	Comments
#1 *Temperature of cooler(s)?	15	
#2 *Shipping container in good condition?	Yes	
#3 *Samples received on ice?	Yes	
#4 *Custody Seals intact on shipping container/ cooler?	Yes	
#5 Custody Seals intact on sample bottles?	Yes	
#6*Custody Seals Signed and dated?	Yes	
#7 *Chain of Custody present?	Yes	
#8 Any missing/extra samples?	No	
#9 Chain of Custody signed when relinquished/ received?	Yes	
#10 Chain of Custody agrees with sample labels/matrix?	Yes	
#11 Container label(s) legible and intact?	Yes	
#12 Samples in proper container/ bottle?	Yes	Samples received in bulk containers.
#13 Samples properly preserved?	Yes	
#14 Sample container(s) intact?	Yes	
#15 Sufficient sample amount for indicated test(s)?	Yes	
#16 All samples received within hold time?	Yes	
<pre>#17 Subcontract of sample(s)?</pre>	No	
#18 Water VOC samples have zero headspace?	N/A	

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

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PH Device/Lot#:

Checklist completed by:

Cloe Clifton

Date: 10.05.2020

Checklist reviewed by: Jession Kramer

Jessica Kramer

Date: 10.06.2020

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Received by OCD: 11/18/2020 4:45:21 PM

eurofins Environment Texting Xonco

Analytical Report 677264

for

Talon LPE-Artesia

Project Manager: David Adkins

EK 29 BS2 FED COM (EK 29)

701678.002.01

11.18.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

> Xenco-Dallas (EPA Lab Code: TX01468): Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483)

eurofins Environment Testing

11.18.2020
Project Manager: David Adkins
Talon LPE-Artesia
408 West Texas St.
Artesia, NM 88210

Reference: Eurofins Xenco, LLC Report No(s): 677264 EK 29 BS2 FED COM (EK 29) Project Address: Lea County, New Mexico

David Adkins:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 677264. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 677264 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Jessica Vermer

Jessica Kramer Project Manager

A Small Business and Minority Company

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Caving States Caving States

Sample Id S-2 2' S-2 3' R S-5 2.5' R S-6 2' R S-7 2' R S-10 2' S-10 4.5' R S-11 2' S-11 4' BG-1 2.5' R BG-2 0-1' BG-2 2.5' R

Sample Cross Reference 677264

Talon LPE-Artesia, Artesia, NM

EK 29 BS2 FED COM (EK 29)

Matrix	Date Collected	Sample Depth	Lab Sample Id
S	11.06.2020 11:40	2 ft	677264-001
S	11,06.2020 11:45	3 ft	677264-002
S	11.06.2020 12:45	2.5 ft	677264-003
S	11.06.2020 12:35	2 ft	677264-004
S	11.06.2020 12:20	2 ft	677264-005
S	11.06.2020 13:10	2 ft	677264-006
S	11.06.2020 13:15	4.5 ft	677264-007
S	11.06.2020 13:50	2 ft	677264-008
S	11.06.2020 13:55	4 ft	677264-009
S	11.06.2020 11:17	2.5 ft	677264-010
S	11.06.2020 11:55	0 - 1 ft	677264-011
S	11.06.2020 12:00	2.5 ft	677264-012
S	11.06.2020 13:25	0 - 1 ft	677264-013
S	11.06.2020 13:30	2.5 ft	677264-014

Sector Correspondence Section Xenco

CASE NARRATIVE

Client Name: Talon LPE-Artesia Project Name: EK 29 BS2 FED COM (EK 29)

Project ID: 701678.002.01 Work Order Number(s): 677264 Report Date: 11.18.2020 Date Received: 11.09.2020

This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory.

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Talon LPE-Artesia, Artesia, NM EK 29 BS2 FED COM (EK 29)

Chloride		16887-00-6	563	9.94	0.352	mg/kg	11.09.2020 20:40		1
Parameter		CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
			Prep seq: 77	714802					
Seq Number:	3141794		Date Prep: 11	.09.2020 16:	07	Tech:	MAB		
Analyst:	MAB		% Moist:						
Analytical Me	thod: Inorganic Anions	s by EPA 300/300.1				Prep N	fethod: E300P		
Lab Sample Id	: 677264-003		Date Collecte	ed: 11.06.202	0 12:45	Date F	Received: 11.09.20	20 13::	50
Sample Id:	S-5 2.5' R		Matrix:	Soil		Sampl	e Depth: 2.5 ft		
Chloride		16887-00-6	121	9.98	0.353	mg/kg	11.09.2020 20:35		1
Parameter	r	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
			Prep seq: 7	714802					
Seq Number:	3141794		Date Prep: 1	1.09.2020 16:	07	Tech:	MAB		
Analyst:	MAB		% Moist:						
Analytical Me	thod: Inorganic Anion	s by EPA 300/300.1				Prep M	Method: E300P		
Lab Sample Io	1: 677264-002		Date Collect	ed: 11.06.202	20 11:45	Date I	Received: 11.09.20	020 13:	50
Sample Id:	S-2 3' R		Matrix:	Soil		Samp	le Depth: 3 ft		
Chloride		16887-00-6	695	9.94	0.352	mg/kg	11.09.2020 20:29		1
Paramete	r	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
			Prep seq: 7	714802					
Seq Number:	3141794		Date Prep: 1	1.09.2020 16	:07	Tech:	MAB		
Analyst:	MAB		% Moist:						
Analytical Me	ethod: Inorganic Anior	ns by EPA 300/300.1				Prep	Method: E300P		
Lab Sample I	d: 677264-001		Date Collect	ted: 11.06.202	20 11:40	Date	Received: 11.09.2	020 13:	:50
Sample Id:	S-2 2'		Matrix:	Soil		Samp	le Depth: 2 ft		
Talon LPE-Artesia, Artesia, NM

EK 29 BS2 FED COM (EK 29)

Sample Id:	S-6 2' R		Matrix:	Soil		Samp	le Depth: 2 ft		
Lab Sample Id	: 677264-004		Date Collecte	ed: 11.06.202	20 12:35	Date I	Received: 11.09.20	20 13:	50
Analytical Met	hod: TPH by SW8015 Mod	1				Prep M	Aethod: 8015		
Analyst:	CAC		% Moist:						
Seq Number:	3141880		Date Prep: 11	1.10.2020 10	:04	Tech:	CAC		
			Prep seq: 77	714835					
Parameter		CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Ra	nge Hydrocarbons (GRO)	PHC610	29.8	49.8	13.8	mg/kg	11.10.2020 11:50	J	1
Diesel Rang	e Organics (DRO)	C10C28DRO	45.1	49.8	11.4	mg/kg	11.10.2020 11:50	J	1
Motor Oil Ra	nge Hydrocarbons (MRO)	PHCG2835	15.3	49.8	11.4	mg/kg	11.10.2020 11:50	J	1
Total TPH		PHC635	90.20		11.40	mg/kg	11.10.2020 11:50		
Surrogate			% Recovery		Limits	Units	Analysis Date	•	Flag
1-Chloroocta	ane		105		70 - 135	%			
o-Terphenyl			120		70 - 135	%			

Talon LPE-Artesia, Artesia, NM

EK 29 BS2 FED COM (EK 29)

Sample Id: S-7 2' R		Matrix:	Soil		Samp	le Depth: 2 ft		
Lab Sample Id: 677264-005		Date Collecte	ed: 11.06.20	20 12:20	Date	Received: 11.09.20	20 13:	:50
Analytical Method: TPH by SW8015 Mod	d				Prep l	Method: 8015		
Analyst: CAC		% Moist:						
Seq Number: 3141880		Date Prep: 1	1.10.2020 10):04	Tech:	CAC		
		Prep seq: 72	714835					
Parameter	CAS Number	Result	MQL.	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	413	251	69.6	mg/kg	11.10.2020 12:10		5
Diesel Range Organics (DRO)	C10C28DRO	4220	251	57.5	mg/kg	11.10.2020 12:10		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	406	251	57.4	mg/kg	11.10.2020 12:10		5
Total TPH	PHC635	5039		57.40	mg/kg	11.10.2020 12:10		
Surrogate		% Recovery		Limits	Units	Analysis Date	,	Flag
1-Chlorooctane		96		70 - 135	%			
o-Terphenyl		91		70 - 135	%			
Analytical Method: BTEX by EPA 8021					Prep N	Aethod: 5035A		
Analytical Method: BTEX by EPA 8021 Analyst: MAB		% Moist:			Prep N	Method: 5035A		
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855		% Moist: Date Prep: 11	.09.2020 16	:15	Prep N Tech:	Aethod: 5035A MAB		
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855		% Moist: Date Prep: 11 Prep seq: 77	.09.2020 16 /14807	:15	Prep M Tech:	Method: 5035A MAB		
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter	CAS Number	% Moist: Date Prep: 11 Prep seq: 77 Result	.09.2020 16 14807 MQL	:15 SDL	Prep M Tech: Units	Method: 5035A MAB Analysis Date	Flag	Dil Factor
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene	CAS Number 71-43-2	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000490	.09.2020 16 14807 MQL 0.00202	5:15 SDL 0.000490	Prep M Tech: Units mg/kg	Method: 5035A MAB Analysis Date 11.10.2020 04:38	Flag U	Dil Factor
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene	CAS Number 71-43-2 108-88-3	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000490 <0.000533	.09.2020 16 14807 MQL 0.00202 0.00202	SDL 0.000490 0.000533	Prep M Tech: Units mg/kg mg/kg	Method: 5035A MAB Analysis Date 11.10.2020 04:38 11.10.2020 04:38	Flag U U	Dil Factor
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene	CAS Number 71-43-2 108-88-3 100-41-4	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000490 <0.000533 0.0691	.09.2020 16 (14807 MQL 0.00202 0.00202 0.00202	SDL 0.000490 0.000533 0.000410	Prep M Tech: Units mg/kg mg/kg	Method: 5035A MAB Analysis Date 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38	Flag U U	Dil Factor
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000490 <0.000533 0.0691 0.0132	.09.2020 16 14807 MQL 0.00202 0.00202 0.00202 0.00202 0.00202 0.00204	SDL 0.000490 0.000533 0.000410 0.000761	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg	Method: 5035A MAB Analysis Date 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38	Flag U U	Dil Factor 1 1 1 1
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes o-Xylene	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000490 <0.000533 0.0691 0.0132 0.0940	.09.2020 16 14807 MQL 0.00202 0.00202 0.00202 0.00202 0.00404 0.00202	SDL 0.000490 0.000533 0.000410 0.000761 0.000407	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38	Flag U U	Dil Factor 1 1 1 1 1 1 1
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes o-Xylene Xylenes, Total	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000490 <0.000533 0.0691 0.0132 0.0940 0.1072	.09.2020 16 (14807 MQL 0.00202 0.00202 0.00202 0.00202 0.00404 0.00202	SDL 0.000490 0.000533 0.000410 0.000407 0.0004070	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38	Flag U U	Dil Factor 1 1 1 1 1 1 1
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes o-Xylene Xylenes, Total Total BTEX	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000490 <0.000533 0.0691 0.0132 0.0940 0.1072 0.1763	.09.2020 16 14807 MQL 0.00202 0.00202 0.00202 0.00202 0.00404 0.00202	SDL 0.000490 0.000533 0.000410 0.000761 0.0004070 0.0004070 0.0004070	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38	Flag U U	Dil Factor 1 1 1 1 1 1
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes o-Xylene Xylenes, Total Total BTEX Surrogate	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000490 <0.000533 0.0691 0.0132 0.0940 0.1072 0.1763	.09.2020 16 14807 MQL 0.00202 0.00202 0.00202 0.00404 0.00202	SDL 0.000490 0.000533 0.000410 0.000761 0.0004070 0.0004070 0.0004070 Ulimits	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38	Flag U U	Dil Factor 1 1 1 1 1 1 1 1
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes o-Xylene Xylenes, Total Total BTEX Surrogate 1,4-Difluorobenzene	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000490 <0.000533 0.0691 0.0132 0.0940 0.1072 0.1763 % Recovery 97	.09.2020 16 (14807 MQL 0.00202 0.00202 0.00202 0.00404 0.00202	SDL 0.000490 0.000533 0.000410 0.000407 0.0004070 0.0004070 0.0004070 Limits 70 - 130	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Method: 5035A MAB Analysis Date 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38 11.10.2020 04:38	Flag U U	Dil Factor 1 1 1 1 1 1 1

Talon LPE-Artesia, Artesia, NM EK 29 BS2 FED COM (EK 29)

Sample Id: S-10 2'		Matrix:	Soil		Samr	ple Depth: 2 ft		
Lab Sample Id: 677264-006		Date Collect	ed: 11.06.20	20 13:10	Date	Received: 11.09.20	020 13	:50
Analytical Method: TPH by SW8015 Mod	1				Prep	Method: 8015		
Analyst: CAC		% Moist:						
Seq Number: 3141880		Date Prep: 1	1.10.2020 10):04	Tech	: CAC		
		Prep seq: 7	714835					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	28.9	49.8	13.8	mg/kg	11.10.2020 12:30	J	1
Diesel Range Organics (DRO)	C10C28DRO	93.2	49.8	11.4	mg/kg	11.10.2020 12:30		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	26.5	49.8	11.4	mg/kg	11,10.2020 12:30	J	1
Total TPH	PHC635	148.6		11.40	mg/kg	11,10,2020 12:30		
Surrogate		% Recovery		Limits	Units	Analysis Dat	e	Flag
1-Chlorooctane		103		70 - 135	%			
o-Terphenyl		90		70 - 135	%			
Sample Id: S-10 4.5' R		Matrix:	Soil		Samp	le Depth: 4.5 ft		
Lab Sample Id: 677264-007		Date Collecte	d: 11.06.202	20 13:15	Date I	Received: 11.09.20	20 13:	50
Analytical Method: TPH by SW8015 Mod					Prep N	Viethod: 8015		
Analyst: CAC		% Moist:						
Seq Number: 3141880		Date Prep: 11	.10.2020 10:	04	Tech:	CAC		
		Prep seq: 77	14835					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	28.9	50.0	13.9	mg/kg	11.10.2020 12:50	l	1
Diesel Range Organics (DRO)	C10C28DRO	89.9	50.0	11.5	mg/kg	11.10.2020 12:50		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	21,5	50.0	11.4	mg/kg	11.10.2020 12:50	J	1
Total TPH	PHC635	140.3		11.40	mg/kg	11.10.2020 12:50		
Surrogate		% Recovery		Limits	Units	Analysis Date	e	Flag
1-Chlorooctane		107		70 - 135	%			
o-Terphenyl		118		70 - 135	%			

Talon LPE-Artesia, Artesia, NM

EK 29 BS2 FED COM (EK 29)

Sample Id: S-11 2'		Matrix:	Soil		Samp	le Depth: 2 ft		
Lab Sample Id: 677264-008		Date Collecto	ed: 11.06.202	20 13:50	Date	Received: 11.09.202	20 13:	50
Analytical Method: TPH by SW8015 Mo	d				Prep l	Method: 8015		
Analyst: CAC		% Moist:						
Seq Number: 3141880		Date Prep: 11	.10.2020 10	:04	Tech:	CAC		
		Prep seq: 77	714835					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	157	250	69.4	mg/kg	11.10.2020 13:11	J	5
Diesel Range Organics (DRO)	C10C28DRO	2440	250	57.3	mg/kg	11.10.2020 13:11		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	307	250	57.2	mg/kg	11.10.2020 13:11		5
Total TPH	PHC635	2904		57.20	mg/kg	11.10.2020 13:11		
Surrogate		% Recovery		Limits	Units	Analysis Date	,	Flag
1-Chlorooctane		105		70 - 135	%			
o-Terphenyl		88		70 - 135	%			
Analytical Method: BTEX by EPA 8021					Prep N	Aethod: 5035A		
Analytical Method: BTEX by EPA 8021		% Moist:			Prep N	1ethod: 5035A		
Analytical Method: BTEX by EPA 8021 Analyst: MAB Sea Number: 3141855		% Moist: Date Prep: 11	.09.2020 16:	15	Prep M Tech:	Method: 5035A MAB		
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855		% Moist: Date Prep: 11 Prep seq: 77	.09.2020 16: 14807	15	Prep M Tech:	Method: 5035A MAB		
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter	CAS Number	% Moist: Date Prep: 11 Prep seq: 77 Result	.09.2020 16: 14807 MQL	15 SDL	Prep M Tech: Units	Aethod: 5035A MAB Analysis Date	Flag	Dil Factor
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene	CAS Number 71-43-2	% Moist: Date Prep: 11 Prep seq: 77 Result <0.0485	.09.2020 16: 14807 MQL 0.0499	15 SDL 0.0485	Prep M Tech: Units mg/kg	Aethod: 5035A MAB Analysis Date 11.10,2020 09:09	Flag	Dil Factor
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene	CAS Number 71-43-2 108-88-3	% Moist: Date Prep: 11 Prep seq: 77 Result <0.0485 <0.0527	.09.2020 16: 14807 MQL 0.0499 0.0499	15 SDL 0.0485 0.0527	Prep M Tech: Units mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 09:09 11.10.2020 09:09	Flag U U	Dil Factor 100 100
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene	CAS Number 71-43-2 108-88-3 100-41-4	% Moist: Date Prep: 11 Prep seq: 77 Result <0.0485 <0.0527 2.98	.09.2020 16: 14807 MQL 0.0499 0.0499 0.200	15 SDL 0.0485 0.0527 0.0405	Prep M Tech: Units mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09	Flag U U	Dil Factor 100 100 100
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1	% Moist: Date Prep: 11 Prep seq: 77 Result <0.0485 <0.0527 2.98 0.723	.09.2020 16: 14807 MQL 0.0499 0.0499 0.200 0.399	15 SDL 0.0485 0.0527 0.0405 0.0752	Prep M Tech: Units mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09	Flag U U	Dil Factor 100 100 100 100
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes o-Xylene	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6	% Moist: Date Prep: 11 Prep scq: 77 Result <0.0485 <0.0527 2.98 0.723 2.70	.09.2020 16: 14807 MQL 0.0499 0.0499 0.200 0.399 0.200	15 SDL 0.0485 0.0527 0.0405 0.0752 0.0402	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09	Flag U U	Dil Factor 100 100 100 100 100
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes o-Xylene Xylenes, Total	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 11 Prep seq: 77 Result <0.0485 <0.0527 2.98 0.723 2.70 3.423	.09.2020 16: 14807 MQL 0.0499 0.0499 0.200 0.399 0.200	15 SDL 0.0485 0.0527 0.0405 0.0752 0.0402 0.04020	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09	Flag U U	Dil Factor 100 100 100 100 100
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes o-Xylene Xylenes, Total Total BTEX	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 11 Prep seq: 77 Result <0.0485 <0.0527 2.98 0.723 2.70 3.423 6.403	.09.2020 16: 14807 MQL 0.0499 0.0499 0.200 0.399 0.200	15 SDL 0.0485 0.0527 0.0405 0.0752 0.0402 0.04020 0.04020	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09	Flag U U	Dil Factor 100 100 100 100 100
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes o-Xylene Xylenes, Total Total BTEX Surrogate	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 11 Prep seq: 77 Result <0.0485 <0.0527 2.98 0.723 2.70 3.423 6.403	.09.2020 16: 14807 MQL 0.0499 0.200 0.399 0.200	15 SDL 0.0485 0.0527 0.0405 0.0752 0.0402 0.04020 0.04020 0.04020 Limits	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09	Flag U U	Dil Factor 100 100 100 100 100 100
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes o-Xylene Xylenes, Total Total BTEX Surrogate 1,4-Difluorobenzene	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 11 Prep seq: 77 Result <0.0485 <0.0527 2.98 0.723 2.70 3.423 6.403 % Recovery 100	.09.2020 16: 14807 MQL 0.0499 0.0499 0.200 0.399 0.200	15 SDL 0.0485 0.0527 0.0405 0.0402 0.04020 0.04020 0.04020 Utimits 70 - 130	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09 11.10.2020 09:09	Flag U U	Dil Factor 100 100 100 100 100 100

Talon LPE-Artesia, Artesia, NM EK 29 BS2 FED COM (EK 29)

Sample Id: S-11 4'		Matrix:	Soil		Samp	le Depth: 4 ft		
Lab Sample Id: 677264-009		Date Collect	ed: 11.06.20	020 13:55	Date	Received: 11.09.20	20 13:	50
Analytical Method: TPH by SW8015 Mo	d				Prep 1	Method: 8015		
Analyst: CAC		% Moist:						
Sea Number: 3141880		Date Prep: 1	1.10.2020 1	0:04	Tech:	CAC		
		Prep seg: 7	714835					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	28.9	50.1	13.9	mg/kg	11.10.2020 13:31	J	1
Diesel Range Organics (DRO)	C10C28DRO	28.3	50.1	11.5	mg/kg	11.10.2020 13:31	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	17.9	50.1	11.5	mg/kg	11,10,2020 13:31	J	1
Total TPH	PHC635	75.10		11.50	mg/kg	1,10,2020 13:31		
Surrogate		% Recovery		Limits	Units	Analysis Date	9	Flag
1-Chloroostane		95		70 - 135	%			
o-Terphenyi		108		70 - 135	%			
Analytical Method: BTEX by EPA 8021					Prep N	Aethod: 5035A		
Analyst: MAB		% Moist:						
Seq Number: 3141855		Date Prep: 11	.09.2020 16	:15	Tech:	MAB		
1		Prep seq: 77	14807					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000488	0.00201	0.000488	mg/kg	11.10.2020 05:00	U	1
Toluene	108-88-3	<0.000531	0.00201	0.000531	mg/kg	11.10.2020 05:00	U	1
Ethylbenzene	100-41-4	<0.000409	0.00201	0.000409	mg/kg	11.10.2020 05:00	U	1
m_p-Xylenes	179601-23-1	<0.000758	0.00402	0.000758	mg/kg	11.10.2020 05:00	U	1
o-Xyłene	95-47-6	0.343	0.00201	0.000406	mg/kg	11,10,2020 05:00		1
Xylenes, Total	1330-20-7	0.3430		0.0004060	mg/kg	11,10,2020 05:00		
Total BTEX		0.3430		0.0004060	mg/kg	11.10.2020 05:00		
Surrogate		% Recovery		Limits	Units	Analysis Date		Flag
1,4-Difluorobenzene		100		70 - 130	%			

Received by OCD: 11/18/2020 4:45:21 PM

Talon LPE-Artesia, Artesia, NM EK 29 BS2 FED COM (EK 29)

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Released to Imaging: 1/21/2021 10:55:45 AM

Sample Id: BG-1 2.5' R		Matrix:	Soil		Samp	le Depth: 2.5 ft		
Lab Sample Id: 677264-010		Date Collecte	ed: 11.06.20	20 11:17	Date	Received: 11.09.20	20 13:	50
Analytical Method: TPH by SW8015 Mo	d				Prep l	Method: 8015		
Analyst: CAC		% Moist:						
Seq Number: 3141880		Date Prep: 1	1.10.2020 10):04	Tech:	CAC		
		Prep seq: 7	714835					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysîs Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	144	250	69.5	mg/kg	11.10.2020 13:52	J	5
Diesel Range Organics (DRO)	C10C28DRO	773	250	57.4	mg/kg	11.10.2020 13:52		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	124	250	57.3	mg/kg	11.10.2020 13:52	J	5
Total TPH	PHC635	1041		57.30	mg/kg	11.10,2020 13:52		
Surrogate		% Recovery		Limits	Units	Analysis Date	•	Flag
I-Chlorooctane		111		70 - 135	%			
o-Terphenyl		92		70 - 135	%			
Analytical Method: BTEX by EPA 8021					Prep N	Aethod: 5035A		
Analytical Method: BTEX by EPA 8021 Analyst: MAB		% Moist:			Prep N	Nethod: 5035A		
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855		% Moist: Date Prep: 11	.09.2020 16	:15	Prep M Tech:	Aethod: 5035A MAB		
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855		% Moist: Date Prep: 11 Prep seq: 77	.09.2020 16 14807	:15	Prep M Tech:	Nethod: 5035A MAB		
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter	CAS Number	% Moist: Date Prep: 11 Prep seq: 77 Result	.09.2020 16 14807 MQL	:15 SDL	Prep M Tech: Units	Nethod: 5035A MAB Analysis Date	Flag	Dil Factor
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene	CAS Number 71-43-2	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000485	.09.2020 16 14807 MQL 0.00200	:15 SDL 0.000485	Prep M Tech: Units mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 05:22	Flag U	Dil Factor
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene	CAS Number 71-43-2 108-88-3	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000485 <0.000527	.09.2020 16 14807 MQL 0.00200 0.00200	:15 SDL 0.000485 0.000527	Prep M Tech: Units mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 05:22 11.10.2020 05:22	Flag U U	Dil Factor
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene	CAS Number 71-43-2 108-88-3 100-41-4	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000485 <0.000527 <0.000405	.09.2020 16 14807 MQL 0.00200 0.00200 0.00200 0.00200	:15 SDL 0.000485 0.000527 0.000405	Prep M Tech: Units mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22	Flag U U U	Dil Factor 1 1 1
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000485 <0.000527 <0.000405 <0.000752	.09.2020 16 14807 MQL 0.00200 0.00200 0.00200 0.00200 0.00399	SDL 0.000485 0.000527 0.000405 0.000752	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22	Flag U U U U	Dil Factor 1 1 1 1
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes o-Xylene	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000485 <0.000527 <0.000405 <0.000752 <0.000402	.09.2020 16 14807 MQL 0.00200 0.00200 0.00200 0.00399 0.00200	:15 SDL 0.000485 0.000527 0.000405 0.000752 0.000402	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22	Flag U U U U U U U	Dil Factor 1 1 1 1 1 1
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes o-Xylene Xylenes, Total	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000485 <0.000527 <0.000405 <0.000752 <0.000402 <0.000402 <0.0004020	.09.2020 16 14807 MQL 0.00200 0.00200 0.00200 0.00399 0.00200	SDL 0.000485 0.000527 0.000405 0.000752 0.000402 0.0004020	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22	Flag U U U U U U	Dil Factor 1 1 1 1 1 1
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes o-Xylene Xylenes, Total Total BTEX	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000485 <0.000527 <0.000405 <0.000752 <0.000402 <0.0004020 <0.0004020	.09.2020 16 14807 MQL 0.00200 0.00200 0.00200 0.00399 0.00200	:15 SDL 0.000485 0.000527 0.000405 0.000752 0.0004020 0.0004020 0.0004020	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22	Flag ひ ひ ひ ひ ひ ひ	Dil Factor 1 1 1 1 1 1
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes o-Xylene Xylenes, Total Total BTEX Surrogate	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000485 <0.000527 <0.000405 <0.000402 <0.000402 <0.0004020 <0.0004020 <% Recovery	.09.2020 16 14807 MQL 0.00200 0.00200 0.00200 0.00399 0.00200	:15 SDL 0.000485 0.000527 0.000405 0.000402 0.0004020 0.0004020 Limits	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22	Flag บ บ บ บ บ บ บ	Dil Factor 1 1 1 1 1 1 1
Analytical Method: BTEX by EPA 8021 Analyst: MAB Seq Number: 3141855 Parameter Benzene Toluene Ethylbenzene m_p-Xylenes o-Xylene Xylenes, Total Total BTEX Surrogate 1,4-Difluorobenzene	CAS Number 71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6 1330-20-7	% Moist: Date Prep: 11 Prep seq: 77 Result <0.000485 <0.000527 <0.000405 <0.000752 <0.000402 <0.0004020 <0.0004020 <0.0004020 <0.0004020	.09.2020 16 14807 MQL 0.00200 0.00200 0.00200 0.00399 0.00200	:15 SDL 0.000485 0.000527 0.000405 0.000402 0.0004020 0.0004020 Limits 70 - 130	Prep M Tech: Units mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	Aethod: 5035A MAB Analysis Date 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 11.10.2020 05:22 Maalysis Date	Flag U U U U U U U	Dil Factor 1 1 1 1 Flag

Talon LPE-Artesia, Artesia, NM EK 29 BS2 FED COM (EK 29)

Sample Id: BG-2 0-1'		Matrix:	Soil		Samp	ole Depth: 0 - 1 ft		
Lab Sample Id: 677264-011		Date Collecte	ed: 11.06.20	20 11:55	Date	Received: 11.09.20	20 13:	:50
Analytical Method: TPH by SW8015 Mod	I				Prep	Method: 8015		
Analyst: CAC		% Moist:						
Seq Number: 3141880		Date Prep: 1	1.10.2020 10	:04	Tech	CAC		
		Prep seq: 77	714835					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	164	250	69.4	mg/kg	11,10,2020 14:13	J	5
Diesel Range Organics (DRO)	CI0C28DRO	1730	250	57.3	mg/kg	11,10.2020 14:13		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	276	250	57.3	mg/kg	11.10.2020 14:13		5
Total TPH	PHC635	2170		57.30	mg/kg	11.10.2020 14:13		
Surrogate		% Recovery		Limits	Units	Analysis Dat	e	Flag
1-Chlorooctane		99		70 - 135	%			
o-Terphenyl		101		70 - 135	%			
Sample Id: BG-2 2.5' R		Matrix:	Soil		Samp	le Depth: 2.5 ft		
Lab Sample Id: 677264-012		Date Collecte	d: 11.06.202	20 12:00	Date I	Received: 11.09.202	20 13::	50
Analytical Method: TPH by SW8015 Mod					Prep 1	Viethod: 8015		
Analyst: CAC		% Moist:						
Seq Number: 3141880		Date Prep: 11	.10.2020 10:	04	Tech:	CAC		
		Prep seq: 77	14835					
Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	31.5	49.8	13.8	mg/kg	11.10.2020 14:33	J	1
Diesel Range Organics (DRO)	C10C28DRO	39.8	49.8	11.4	mg/kg	11.10.2020 14:33	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	16.7	49.8	11.4	mg/kg	11,10.2020 14:33	J	3
Total TPH	PHC635	88.00		11.40	mg/kg	11.10.2020 14:33		
Surrogate		% Recovery		Limits	Units	Analysis Date	:	Flag
1-Chlorooctane		96		70 - 135	%			
o-Terphenyl		94		70 - 135	%			

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Certificate of Analytical Results 677264

Talon LPE-Artesia, Artesia, NM EK 29 BS2 FED COM (EK 29)

Chloride		16887-00-6	150	10.0	0.354	mg/kg	11.11.2020 10:09		1
Parameter		CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
			Prep seq: 7	714926					
Seq Number:	3141922		Date Prep: 1	1.10.2020 15:	30	Tech:	MAB		
Analyst:	MAB		% Moist:						
Analytical Me	thod: Inorganic Anion	s by EPA 300/300.1				Prep M	lethod: E300P		
Lab Sample Id	: 677264-014		Date Collecte	ed: 11.06.202	20 13:30	Date R	.eceived: 11.09.20	20 13::	50
Sample Id:	BG-4 2.5' R		Matrix:	Soil		Sampl	e Depth: 2.5 ft		
Chloride		16887-00-6	165	9.96	0.353	mg/kg	11.10.2020 20:30		1
Parameter	·	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
			Prep seq: 7	714926					
Seq Number:	3141922		Date Prep: 1	1.10.2020 15	:30	Tech:	MAB		
Analyst:	MAB		% Moist:						
Analytical Me	thod: Inorganic Anior	ns by EPA 300/300.1				Prep M	fethod: E300P		
Lab Sample Io	1: 677264-013		Date Collect	ed: 11.06.20	20 13:25	Date I	Received: 11.09.20)20 13:	50
Sample Id:	BG-4 0-1'		Matrix:	Soil		Sampl	e Depth: 0 - 1 ft		

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Certificate of Analytical Results 677264

Talon LPE-Artesia, Artesia, NM EK 29 BS2 FED COM (EK 29)

Sample Id: 7	714802-1-BLK		Matrix:	Solid		Samp	le Depth:		
Lab Sample Id: 77	714802-1-BLK		Date Collect	ed:		Date	Received:		
Analytical Metho	d: Inorganic Anions by E	PA 300/300.1				Prep l	Method: E300P		
Analyst: M	1AB		% Moist:						
Sea Number: 31	141794		Date Prep: 1	1.09.2020 16	:07	Tech:	MAB		
bed Humbert - 51			Pren seg: 7	714802					
Parameter		CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride		16887-00-6	<0.354	10.0	0.354	mg/kg	11.09.2020 18:01	U	1
Sample Id: 77	714807-1-BLK		Matrix:	Solid		Sampi	le Depth:		
Lab Sample Id: 77	714807-1-BLK		Date Collecte	ed:		Date I	Received:		
Analytical Method	d: BTEX by EPA 8021					Prep N	Aethod: 5035A		
Analyst: M.	AB		% Moist:						
Seq Number: 31	41855		Date Prep: 11	.09.2020 16	:15	Tech:	MAB		
			Prep seq: 77	14807					
Parameter		CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene		71-43-2	<0.000486	0.00200	0.000486	mg/kg	11.10.2020 00:19	U	1
Toluene		108-88-3	<0.000528	0.00200	0.000528	mg/kg	11,10,2020 00:19	U	1
Ethylbenzene		100-41-4	<0.000406	0.00200	0.000406	mg/kg	11,10.2020 00:19	U	1
m_p-Xylenes		179601-23-1	<0.000754	0.00400	0.000754	mg/kg	11,10.2020 00:19	U	1
o-Xylene		95-47-6	<0.000403	0.00200	0.000403	mg/kg	11,10.2020 00:19	U	1
Surrogate			% Recovery		Limits	Units	Analysis Date		Flag
1,4-Difluoroben:	zene		103		70 - 130	%			
4-Bromofluorob	enzene		117		70 - 130	%			

Control Contro

Certificate of Analytical Results 677264

Talon LPE-Artesia, Artesia, NM EK 29 BS2 FED COM (EK 29)

Sample Id:	7714835-1-BLK		Matrix:	Solid		Samp	le Depth:		
Lab Sample I	d: 7714835-1-BLK		Date Collect	ed:		Date 1	Received:		
Analytical M	ethod: TPH by SW8015 M	od				Prep I	Method: 8015		
Analyst:	CAC		% Moist:						
Seq Number:	3141880		Date Prep: 1	1.09.2020 15:	04	Tech:	CAC		
			Prep seq: 7	714835					
Paramete	r	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline R	ange Hydrocarbons (GRO)	PHC610	<13.9	50.0	13.9	mg/kg	11.09.2020 16:00	υ	1
Diesel Ran	ge Organics (DRO)	C10C28DRO	<11.5	50.0	11.5	mg/kg	11.09.2020 16:00	U	1
Motor Oil R	ange Hydrocarbons (MRO)	PHCG2835	<11.5	50.0	11,5	mg/kg	11.09.2020 16:00	U	1
Surrogate			% Recovery		Limits	Units	Analysis Dat	e	Flag
1-Chlorooc	tane		122		70 - 135	%			
o-Terpheny	d		123		70 - 135	%			
Sample Id:	7714926-1-BLK		Matrix:	Solid		Sampl	e Depth:		
Lab Sample Id	: 7714926-1-BLK		Date Collecte	d:		Date R	leceived:		
Analytical Me	thod: Inorganic Anions by	EPA 300/300.1				Prep M	fethod: E300P		
Analyst:	MAB		% Moist:						
Seq Number:	3141922		Date Prep: 11	.10.2020 15:3	30	Tech:	MAB		
			Prep seq: 77	14926					
Parameter		CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride		16887-00-6	< 0.354	10.0	0.354	mg/kg	11.10.2020 19:08	U	1

Second Environment Testing Xence

Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- ** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.	ND Not Detected	•		
RL Reporting Limit				
MDL Method Detection Limit	SDL Sample De	tection Limit	LOD Limit of Detection	
PQL Practical Quantitation Limit	MQL Method Qu	antitation Limit	LOQ Limit of Quantitatio	n
DL Method Detection Limit				
NC Non-Calculable				
SMP Client Sample		BLK	Method Blank	
BKS/LCS Blank Spike/Laboratory	Control Sample	BKSD/LCSD	Blank Spike Duplicate/Labor	ratory Control Sample Duplicate
MD/SD Method Duplicate/Samp	le Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NELAC certification not offered	for this compound.			

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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Chromometant Testing Xanco

Form 2 - Surrogate Recoveries

Project Name: EK 29 BS2 FED COM (EK 29)

Report Date: 11182020 Project ID: 701678.002.01 Work Orders : 677264 Lab Batch #: 3141855 Sample: 7714807-1-BLK / BLK Batch: 1 Matrix: Solid SURROGATE RECOVERY STUDY mg/kg Date Analyzed: 11.10.2020 00:19 Units: Amount True Control BTEX by EPA 8021 Amount Limits Flags Found Recovery %R %R A B [D] Analytes 103 70-130 1,4-Difluorobenzene 0.0310 0.0300 4-Bromofluorobenzene 0.0350 0.0300 117 70-130 Sample: 7714807-1-BKS / BKS Lab Batch #: 3141855 Batch: 1 Matrix: Solid SURROGATE RECOVERY STUDY Date Analyzed: 11.10.2020 00:41 Units: mg/kg Amount True Control BTEX by EPA 8021 Recovery Limits Flags Found Amount %R %R [A] B [D] Analytes 99 0.0296 0.0300 70-130 1,4-Difluorobenzene 4-Bromofluorobenzene 0.0326 0.0300 109 70-130 Matrix:Solid Sample: 7714807-1-BSD / BSD Batch: 1 Lab Batch #: 3141855 SURROGATE RECOVERY STUDY mg/kg Date Analyzed: 11.10.2020 01:03 Units: Amount True Control BTEX by EPA 8021 Flags Limits Recovery Found Amount %R %R [A] [B] [D] Analytes 1,4-Difluorobenzene 0.0301 0.0300 100 70-130 0.0327 0.0300 109 70-130 4-Bromofluorobenzene Matrix: Soil Lab Batch #: 3141855 Batch: Sample: 677184-010 SD / MSD 1 SURROGATE RECOVERY STUDY Date Analyzed: 11.10.2020 01:48 Units: mg/kg Amount True Control BTEX by EPA 8021 Limits Flags Amount Recovery Found [A] [B] %R %R [D] Analytes 1,4-Difluorobenzene 0.0297 0.0300 99 70-130 70-130 0.0328 0.0300 109 4-Bromofluorobenzene Sample: 677184-010 S / MS Matrix: Soil Lab Batch #: 3141855 Batch: 1 SURROGATE RECOVERY STUDY Date Analyzed: 11.10.2020 06:42 Units: mg/kg Control Amount True BTEX by EPA 8021 Amount Recovery Limits Flags Found [A] **[B]** %R %R [D] Analytes 99 70-130 1.4-Difluorobenzene 0.0298 0.0300 70-130 4-Bromofluorobenzene 0.0324 0.0300 108

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

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Environment Testing Xenco

Form 2 - Surrogate Recoveries

Project Name: EK 29 BS2 FED COM (EK 29)

	r toject Name: 1	en 27 doz pe	Report Da	te: 11182020		
Work Orders : 6772	264		Project 1	(D: 701678.0	02.01	
Lab Batch #: 3141880	Sample: 7714835-1-BLK /	BLK Bate	h: 1 Matri	x:Solid		
Units: mg/kg	Date Analyzed: 11.09.2020 16:00	SU	RROGATE R	ECOVERY	STUDY	
ТРН	by SW8015 Mod Analytes	Amount Found [A]	Truc Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane		122	100	122	70-135	
o-Terphenyl		61.5	50.0	123	70-135	
Lab Batch #: 3141880	Sample: 7714835-1-BKS /	BKS Bate	h: 1 Matriz	r:Solid	· ·	
Units: mg/kg	Date Analyzed: 11.09.2020 16:20	SU	RROGATE R	ECOVERY	STUDY	
TPH	by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane		128	100	128	70-135	
o-Terphenyl		59.4	50.0	119	70-135	
Lab Batch #: 3141880	Sample: 7714835-1-BSD/1	BSD Batcl	n: 1 Matrix	:Solid	!	•
Units: mg/kg	Date Analyzed: 11.09.2020 16:41	SUI	RROGATE R	ECOVERY	STUDY	
ТРНІ	by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
	Analytes			[D]		
I-Chlorooctane		118	100	118	70-135	
o-Terphenyl		60.0	50.0	120	70-135	
Lab Batch #: 3141880	Sample: 677115-001 S / MS	5 Batch	: 1 Matrix	:Soil		
Units: mg/kg	Date Analyzed: 11.09.2020 17:21	SUI	ROGATE RI	ECOVERY S	STUDY	
TPH b	oy SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane		110	99.6	110	70-135	
o-Teiphenyl		46.8	49.8	94	70-135	
ab Batch #: 3141880	Sample: 677115-001 SD / N	ISD Batch	: 1 Matrix:	:Soil		
Units: mg/kg	Date Analyzed: 11.10.2020 07:50	SUF	ROGATE RE	COVERY S	TUDY	
TPH b	y SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	<i>v</i> · · ·	99.5	101	99	70-135	
o-Terphenyl		56.3	50.3	112	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

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BS / BSD Recoveries

Project Name: EK 29 BS2 FED COM (EK 29)

Work Order #: 677264 MAB Analyst:

Lab Batch ID: 3141855

mg/kg

Units:

Date Prepared: 11.09.2020

Batch #: 1

Sample: 7714807-1-BKS

Project ID: 701678.002.01 Date Analyzed: 11.10.2020 Matrix: Solid

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

		-	_									
BTEX by E1	PA 8021	Blank	Spike	Blank	Blank	Spike	Blank	Blk. Spk		Control	Control	
	•.	Sample Result	Added	Spike	Spike	Added	Spike	Dup.	RPD	Limits	Limits	Flag
Analytes		[V]	[<u>B</u>]	Result [C]	B]	E	Duplicate Result [F]	%R [G]	%	%R	%RPD	0
Benzene		<0.000486	0.100	0.09360	94	0.100	0.09050	91	e	70-130	35	
Toluene		<0.000528	0.100	0.08730	87	0.100	0.08570	86	2	70-130	35	
Ethylbenzene		<0.000406	0.100	0.08920	68	0.100	0.08720	87	1 0	71_120	35	
m_p-Xylenes		<0.000754	0.200	0.1810	16	0.200	0.1760	88	1 (1	70-135	2 2	
o-Xylene		<0.000403	0.100	0.09050	16	0.100	0.08780	88	n «	71-133	25	a na sa
Analyst: MAB	n ferner i ander i and	Da	te Prepare	d: 11.09.202	0			Date A	nalvzed: 1	1.09.2020	R	
Lab Batch ID: 3141794	Sample: 7714802-1-E	sks	Batch	#: 1					Matrix: S	olid		
Units: mg/kg			BLAN	K /BLANK 5	SPIKE / I	3LANK S	SPIKE DUPI	LICATE	RECOVI	ERY STUI	YC	

· Philip							-				
Inorganic Anions by EPA 300/300.1	Blank	Spike	Blank	Blank	Spike	Blank	Blk, Sok		Control	Control	
	Sample Result	Added	Spike	Spike	Added	Spike	Dup.	RPD	Limits	Limits	Flao
	[¥]		Result	%R		Duplicate	%R	%	%В	%RPD	0
Analytes		e	0	ā	[E]	Result [F]	<u>छ</u>				
Chlorida											
	<0.354	250	252.0	101	250	244.0	86	ť	90-110	00	
								,		Ì	

Relative Percent Difference RPD = 200*[(C-F)/(C+F)] Blank Spike Recovery [D] = 100*(C)/[B] Blank Spike Duplicate Recovery [G] = 100*(F)/[E] All results are based on MDL and Validated for QC Purposes

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BS / BSD Recoveries

Project Name: EK 29 BS2 FED COM (EK 29)

Work Orde	r#: 677264		
Analyst:	MAB		Date Prepared: 11.10.2020
Lab Batch ID	: 3141922	Sample: 7714926-1-BKS	Batch #: 1
Units:	mg/kg		BLANK /BLANK SPIKE / BI

Project ID: 701678.002.01 Date Analyzed: 11.10.2020 Matrix: Solid

LANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by	EPA 300/300.1	Blank Sample Result	Spilke Added	Blank Spike	Blank Spike	Spike Added	Blank Spike	Blk. Spk Dup.	RPD	Control Limits	Control Limits	Flag
Analytes		V	[8]	Result [C]	8% [D]	[3]	Duplicate Result [F]	%R [G]	%	%R	%RPD)
Chloride		<0.354	250	257.0	103	250	249.0	100	3	90-110	20	
~											ì	
Analyst: CAC		ã	ate Prepar	ed: 11.09.202	0			Date Ai	nalvzed: 1	1.09.2020		
Lab Batch ID: 3141880	Sample: 7714835-1-	BKS	Batcl	1 #: 1					Matrix: S	bolid		
Units: mg/kg			BLAN	K /BLANK	SPIKE /]	BLANK S	SPIKE DUP	LICATE	RECOVI	ERY STUI	X	
*** ****							,					

						*					
TPH by SW8015 Mod	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits % PDD	Flag
Analytes		[B]	[C]	ē	[E]	Result [F]	0	2	VI 0(
Gasoline Range Hudroverhone (CDO)					100 miles 1						
(OVID) SILON MARTER TRAINING AUTOMO	<13.9	0001	1120	112	1000	1100	110	ы	70-135	35	
Diecel Pance Occurice (DDO)					-						
Treet mange organics (DAV)	0.112	1000	1220	122	1000	1220	122	0	70-135	35	
			200 A 88 9 1000								

Relative Percent Difference RPD = 200*[(C-F)/(C+F)] Blank Spike Recovery [D] = 100*(C)/[B] Blank Spike Duplicate Recovery [G] = 100*(F)/[E] All results are based on MDL and Validated for QC Purposes

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Form 3 - MS / MSD Recoveries

Project Name: EK 29 BS2 FED COM (EK 29)

				Report Date:	11182020
				Project ID:	701678.002.01
QC- Sample ID:	677184-010 S	Batch #:	1	Matrix: Soil	
Date Prepared:	11.09.2020	Analyst:	MAB		

3141855 11.10.2020

Lab Batch ID: Date Analyzed: mg/kg

Reporting Units:

677264

Work Order # :

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

	Douvet				_						
BTEX by EPA 8021	Sample	Spike	Spiked Sample Result	Spiked Sample	Spike	Duplicate Spiked Sample	Spiked Dup.	RPD	Control Limite	Control Limite	Flac
Analytes	[A]	Added [B]	[C]	%R [D]	Added [E]	Result [F]	%B	%	%R	%RPD	4
Benzene	<0.000488	0.101	0.0883	87	0.100	0.0920	92	4	70-130	35	
Toluene	<0.000531	0.101	0.0854	85	0.100	0.0850	70				
				3	0.1.0	0.00.0	00	0	061-0/	ç	
Eurylbenzene	<0.000409	0.101	0.0869	86	0.100	0.0875	88	-	71-129	35	
m_p-Xylenes	<0.000758	0.201	0.177	88	0.200	0.180	06	6	70-125	32	
o-Xylene	<0.000406	0.101	0.0913	6	0100	0.0877	00	, -		3 5	
	_			,	201-2	11000	00	t	661-17	с,	
Lab Batch ID: 3141794	QC-Sample ID:	677183	-005 S	Bat	ch #:	1 Matrix	: Soil				
Date Analyzed: 11.09.2020	Date Prepared:	11.09.2	020	An	alyst: N	AB					
Reporting Units: mg/kg					•						

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Spii Result Sam [C] %	ked R Adv B [B	Duplicate ke Spiked Sample led Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	11.1	200	208 9	8 20	0 206	52	1	90-110	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/BRelative Percent Difference RPD = 200*(C-F)/(C+F)

Matrix Spike Duplicate Percent Recovery [G] = $100^{\text{*}(\text{F-A}) / \text{E}}$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

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11.09.2020 3141794

Date Analyzed: Lab Batch ID:

mg/kg

Reporting Units:

677264

Work Order # :

Form 3 - MS / MSD Recoveries

Project Name: EK 29 BS2 FED COM (EK 29)

				Report Date:	11182020
				Project ID:	701678.002.01
mple ID:	677184-010 S	Batch #:	1	Matrix: Soil	
epared:	11.09.2020	Analyst:	MAB		

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorga	nic Anions by EPA 300/300.1	Parent Sample	Spike	Spiked Sample Result	Spiked Sample	Spike	Duplicate Spiked Sample	Spiked Dup.	RPD	Control Limits	Control Limite	Eloc.
	Analytes	Result [A]	Added [B]	[]	%R [D]	Added [E]	Result [F]	8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	%	%R	%RPD	ધી વ ન ન
Chloride		1670	202	1870	g	200	1960	6	-	00 110	d	
	And a second secon					1	0001	ţ	T	0T1-04	707	
Lab Batch ID:	3141922	2C- Sample ID:	677264-	014 S	Bat	ch #:	1 Matrix	: Soil]
Date Analyzed:	11.11.2020 E	Date Prepared:	11.10.20	20	Ans	ılyst: M	IAB					
Reporting Units:	mg/kg					•						

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorga	nic Anions by EPA 300/300.1	Parent Sample	Spike	Spiked Sample Result	Spiked Sample	Spike	Duplicate Spiked Sample	Spikeď Dup.	RPD	Control Limits	Control 1 imite	Flac
	Analytes	Result [A]	Added [B]	Ĵ	8% 10]	Added [E]	Result [F]	%R [G]	%	%R	%RPD	របិ ថ្មី ក
Chloride		150	000									
		nci -	700	351	101	200	350	100	0	90-110	20	
Lab Batch ID:	3141922 Q	C- Sample ID:	677374-	007 S	Bat	ch #:	1 Matrix	: Soil		**		
Date Analyzed:	11.10.2020 Di	ate Prepared:	11.10.20	20	Ans	ılyst: M	AB					
Reporting Units:	mg/kg											

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Floa	±0 ⊈ ⊀		
Control Limite	%RPD		20
Control Limits	%R		011-06
RPD	%		-
Spiked Dup.	%R [G]		67
Duplicate Spiked Sample	ÊResult [F]		868
Spike	Added [E]		199
Spiked Sample	D]		95
Spiked Sample Result	[C]		863
Spike	Added [B]	, ,	661
Parent Sample	Result [A]	* 5.7	0/4
Inorganic Anions by EPA 300/300.1	Analytes	Chloride	

Matrix Spike Percent Recovery ~[D] = 100*(C.A) / B Relative Percent Difference RPD = 200*(C.F) / (C+F)

Matrix Spike Duplicate Percent Recovery $[G] = 100^{*}(F-A) / E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable N = See Narrative, EQL = Estimated Quantitation Limit, <math>NC = Non Calculable - Sample amount is > 4 times the amount splited.

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Form 3 - MS / MSD Recoveries

Project Name: EK 29 BS2 FED COM (EK 29)

				Report Date:	11182020
				Project ID:	701678.002.01
QC- Sample ID:	677115-001 S	Batch #:	I	Matrix: Soil	
Date Prepared:	11.09.2020	Analyst:	CAC		

3141880 11.09.2020

mg/kg

Reporting Units:

Lab Batch ID: Date Analyzed:

677264

Work Order # :

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod	Parent Sample	Spike	Spiked Sample Result	Spiked Sample	Spike	Duplicate Soiked Sample	Spiked	uda	Control I imite	Control	
Analytes	Result [A]	Added [B]	[]	8% [0]	Added [E]	Result [F]	5 8	%	%R	%RPD	ม 1 1
Casoline Range Hydrocarbons (UKU)	<13.8	966	928	93	1010	924	16	0	70-135	35	
Diese, Range Urganics (DRU)	<11.4	966	912	92	1010	943	93	ŝ	70-135	35	
				-						3	-

Matrix Spike Percent Recovery [D] = 100*(C-A) / B Relative Percent Difference RPD = 200*((C-F) / (C+F))

Matrix Spike Duplicate Percent Recovery $[G] = 100^{*}(F-A) / E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

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Work Order No: 677264

Chain of Custody

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Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334 Midland,TX (432) 704-5440 EL Paso,TX (915) 585-3443 Lubbook,TX (806) 794-1296 Crasibad, NM (4

In carved. Xense will be fiable only for the cost of samples and shall not assume any responsibility for any locate or company to Xense, its atfiliates and subcontract of Xense, A minimum charge of \$75.00 will be cost project and a charge of \$55 or each sample submitted to Xense, but not analyzed. These terms will proceed any: (Stepsature) Reifinguit-sheet by; (Signature) Necesived Ay: (Stepsature) Date/Time Refinquited to Xense, but not analyzed. These terms will proceed any: (Stepsature) MALL All All All TANK 11-7.20 1350 2 MALL All All All All 11-7.20 1350 2 MALL All All All All 11-7.20 1350 2 All All All All All 11-7.20 1350 2 All All All All All 11-7.20 1350 2	Bc-1 J.5'R I:55 Y' V Total 200.7 / 5010 200.8 / 6020: II:17 J.5'R V V Circle Method(s) and Metal(s) to be analyzed BRCRA 13PPM Texas 11 Al Sh As Ba Be B Cd Ca Motion Signature of this document and ralinguishment of campairs constitute TCL P / SPL P 6010: BRCRA Sh As Ba Be Cd Cr Co Cu	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Lab Sample Custody Seales: Yes No Correction Factor: 0.2 Lab Sample Custody Seales: Yes No Correction Factor: 0.2 Lab Sample Identification Matrix Date Time Depth Number of Containers IQ Number of Containers TQ Number of Containers TQ Number of Containers TCE X TPH TOTAL CITLO	Sampler's Name: M1CHAEL Outure Rush: HSHR Sampler's Name: M1CHAEL Outure Due Date: PO#: TollaT8.002-01 Quote#: Due Date: SAMPLE RECEIPT Temporature (*C): 1.0 / A. A Wether: Yes No	Project Number: 781 678.003.01 FCD Com (Ex 29) Tum Around Project Number: 781 678.003.01 Routine Routine	Phone: 575-746-8768 Email: dadkins@tarenge.con	Company Name: TAUON LPE Address: 408 IN. TEXAS AVE. Company Name: City Report The Address:	Project Mahager: D. ADK INS Proenv.AZ (480) 355-0900 Atlanta.GA (770) 449-8800 Tampa.FL (813) 620-2000
stors, it assigns standard terms and conditions sees are due to direumsfances beyond the control (the antercod unless previously regotiated. (u)Sheed by: (Signature) Received by: (Signature) Date/Time	- Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn Pb Mn Mo Ni Se Ag Ti U			HCL: HL NaOH: Na Zn Acetate≠ NaOH: Zn TAT starts the day received by the lab, if received by 4:00pm Sample Common	MeOH: Me None: NO HNO3: HN H2S04: H2	ANALYSIS REQUEST		Program: UST/PST PRP Brownfields RRC Superfund	10 West Palm Beach, FL (561) 689-6701 www.yanno.com Doch I

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Final 1.002

a Politikugulished kyr. (Signature) Record splied to each project and shall not assume any responsibility for any losses or superess incurred by the client if superess incurred by the client is superess incurred by the client is superess incurred by the client is superess incurred by the client incured by the client incurred by the client incurred by the c	Total 200,7 / 6010 200,8 / 60,20: Ecicle Method(s) and Metal(s) to be analyzed SRCRA 13PPM Teches Signature of this document and relinguistiment of samples constitutes a valid purchase order from client company in Yanna in Annual Science	Lab Saccive dimension Lab Conter Curricide Seals: Yas Lab Sample Curricide Seals: Yas Lab Sample Curricide Seals: Yas D Sample Curricide Seals: Yas BG-3 2.5 R Matrix BG-4 0.1 BG-4 2.5 R D Sampled Direction Factor Directin Factor Direc	Project Name: CK 29 BS2 FED Com (EK 29) Turn Around Project Number: 761 (0.2.003.01 Routine Cose Project Location LEA COLATY AIM Rush: 48 HR Sampler's Name: M1CHARE C ColLIER Due Date: POS: 761178.002-01 Quote 11: Due Date: POS: 761178.002-01 Quote 11: Ves No mark loce: Yes No	Main of Cuisto Midand TX (432) 704-5400 Chaim of Cuisto Project Manager D. Rok INS Phoenix AZ (460) 355.0600 Atama: GA (770) 449.8800 Tame: F(13) 820-343 Project Manager D. Rok INS Phoenix AZ (460) 355.0600 Atama: GA (770) 449.8800 Tame: F(13) 820-343 Votiest Manager D. Rok INS Enterin AZ (460) 355.0600 Atama: GA (770) 449.8800 Tame: F(13) 820-343 Votiest Manager D. Rok INS UPE Bill to: (if affices: Figure 10) Bill to: (if affices: Figure 10) Ony State 2010 RATESIA And B3.10 City: State 2010 Address: Figure 100 Phone 575-744-9768 Email: AcAdk INS (D + 5.000, Gor condition)
contractors, it aseigns standard terms and conditions in forsies are due to circumstances beyond the control ins will be inforced unless previously negodiated. clinquilsfield by: (Signatture) Received by: (Signatture) Date/Time Revised Date (72:19 Rev. 2013)	d Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn 10 Cu Pb Mn Mo Ni Se Ag Ti U 1631 / 26.1 / 7470 / 7471 : Ho	Page 25 of 26	ANALYSIS REQUEST Other: ADaPT Other: Norne: NO HNO3: HN HNO3: HN Final 1.002	Image: Construction of the second

. Released to Imaging: 1/21/2021 10:55:45 AM

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Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Talon LPE-Artesia	Acceptable Temperature Range: 0 - 6 degC				
Date/ Time Received: 11.09.2020 01.50.00 PM	Air and Metal samples Ac	ceptable Range: Ambient			
Work Order #: 677264	Temperature Measuring o	levice used: T_NM_007			
Sample Recei	pt Checklist	Comments			
#1 *Temperature of cooler(s)?	.8				
#2 *Shipping container in good condition?	Yes				
#3 *Samples received on ice?	Yes				
#4 *Custody Seals intact on shipping container/ cooler?	Yes				
#5 Custody Seals intact on sample bottles?	Yes				
#6*Custody Seals Signed and dated?	Yes				
#7 *Chain of Custody present?	Yes				
#8 Any missing/extra samples?	No				
#9 Chain of Custody signed when relinquished/ received?	Yes				
#10 Chain of Custody agrees with sample labels/matrix?	Yes				
#11 Container label(s) legible and intact?	Yes				
#12 Samples in proper container/ bottle?	Yes	Samples received in bulk containers.			
#13 Samples properly preserved?	Yes				
#14 Sample container(s) intact?	Yes				
#15 Sufficient sample amount for indicated test(s)?	Yes				
#16 All samples received within hold time?	Yes				
#17 Subcontract of sample(s)?	No				
#18 Water VOC samples have zero headspace?	N/A				

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by:

Cloe Clifton

Date: 11.09.2020

Checklist reviewed by:

esi0a	Vermer	
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Jessica Kramer

Date: 11.11.2020

Page 93 of 94

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

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

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV

CONDITIONS

Action 11254

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS OF APPROVAL

Operator:				OGRID:	Action Number:	Action Type:
PRIMA EXPLORATION, INC.	250 Fillmore Street, Ste. 500	Denver, CO80206		329344	11254	C-141
					•	
OCD Reviewer			Condition			
ceads			None			