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Remediation and Closure Report

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

March 31, 2021

NMOCD District 1

1625 N. French Drive
Hobbs, NM 88240

Bureau of Land Management

602 E. Green Street
Carlsbad, NM 88220

Subject: **Remediation and Closure Report**
EK 29 BS2 Federal Com #002H
Lea County, New Mexico
API # 30-025-43676
Incident # NRM2023360724

Dear Ms. Buczek,

Prima Exploration, Inc., has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The results of our remedial actions and closure request 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).

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

As this incident occurred in an area with depth to groundwater of greater than 100-feet BGS, the closure criteria for this site are 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 Cl 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 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. A copy of the initial sample location map utilized in the remediation plan is appended ([Appendix I](#)). Analytical results from our two sampling events as detailed in the approved remediation plan are presented on the following data table for reference.

Table I, Site Assessment Analytical Data

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg	Field Titrations
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 1000 mg/kg			2500 mg/kg	20,000 mg/kg	Chlorides
S-1	10/5/2020	0-1' R	ND	ND	ND	69.4	17.1	86.5	8460	
S-2	10/5/2020	0-1' R	0.565	ND	739	12000	1610	14349	2300	
	11/6/2020	2'	NT	NT	NT	NT	NT	0	695	531.75
		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	
		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-5	10/5/2020	0' R	ND	ND	ND	26.6	ND	26.6	12900	
	11/6/2020	2.5' R	NT	NT	NT	NT	NT	0	563	382.86
S-6	10/5/2020	0' R	51.9	ND	1930	23500	2270	27700	2650	
	11/6/2020	2' R	NT	NT	29.8	45.1	15.3	90.2	NT	
S-7	10/5/2020	0' R	80.2	ND	2010	28900	3110	34020	519	
	11/6/2020	2' R	0.176	ND	413	4220	406	5039	NT	
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	
S-10	10/5/2020	0-0.5' R	ND	ND	ND	13100	1320	14420	3590	
	11/6/2020	2'	NT	NT	28.9	93.2	26.5	148.6	NT	
		4.5' R	NT	NT	28.9	89.9	21.5	140.3	NT	
S-11	10/5/2020	0-0.5' R	36.5	ND	1760	21200	1910	24870	283	
	11/6/2020	2'	6.4	ND	157	2440	307	2904	NT	
		4'	0.343	ND	28.9	28.3	17.9	75.1	NT	
BG-1	10/5/2020	0'	ND	ND	ND	1660	590	2250	2700	
	11/6/2020	2.5' R	ND	ND	144	773	124	1041	NT	
BG-2	10/5/2020	0'	ND	ND	ND	2020	326	2346	511	
	11/6/2020	0-1'	NT	NT	164	1730	276	2170	NT	
		2.5' R	NT	NT	31.5	39.8	16.7	88.0	NT	
BG-3	10/5/2020	0'	ND	ND	ND	193	84.5	277.5	1670	
BG-4	10/5/2020	0'	ND	ND	ND	36.4	35	71.4	1020	
	11/6/2020	0-1'	NT	NT	NT	NT	NT	0	165	
		2.5' R	NT	NT	NT	NT	NT	0	150	
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)

Remediation Activities

Following NMOCD approval of the remediation plan and upon client authorization, excavation activities commenced on February 01, 2021, and continued through February 12, 2021. A copy of the remediation plan approval is presented in [Appendix II](#). Confirmation samples were collected in order to confirm that NMOCD closure criteria had been met, the results of which can be found in the following data table. Confirmation sample locations and excavation dimensions can be found on the confirmation sample map in [Appendix I](#). Complete laboratory reports for the remediation efforts are attached in [Appendix IV](#).

Table II, Site Confirmation Analytical Data

Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH	CI (mg/kg)
Closure Criteria 19.15.29.12 NMAC			50 mg/kg	10 mg/kg	DRO+GRO combined=1000			2,500 mg/kg	20,000 mg/kg
E. SW	2'	2/11/2021	<0.0182	<0.0182	258	52.4	<50.1	310	569
N. SW-1	1'	2/10/2021	<0.0182	<0.0182	80.9	30	16	127	335
N. SW-2	1'	2/10/2021	<0.0179	<0.0179	212	41.1	<50.1	253	1710
N. SW-3	1'-2'	2/10/2021	<0.0196	<0.0196	234	54	<50.2	288	155
S. SW-1	1'	2/10/2021	<0.0179	<0.0179	164	51.9	<50.2	216	152
S. SW-2	1'	2/10/2021	<0.0179	<0.0179	15.3	<49.9	<49.9	<49.9	1060
S-10A	1'	2/10/2021	<0.0196	<0.0196	<50.1	<50.1	<50.1	<50.1	143
S-11A	1'R	2/10/2021	<0.0192	<0.0192	119	15.3	<53.2	134	41.8
S-12	3'	2/10/2021	<0.0192	<0.0192	28.2	<50.1	<50.1	<50.1	37.4
S-13	3'	2/10/2021	<0.0196	<0.0196	12.9	<49.9	24.4	37.3	40.8
S-14	3'	2/10/2021	<0.0196	<0.0196	16.6	<50.2	14.6	<50.2	52.7
S-15	1'	2/10/2021	<0.0192	0.00683	176	22	<50.1	198	369
S-16	1'	2/10/2021	<0.0182	<0.0182	30.9	<49.9	30.8	61.7	146
S-17	1'	2/10/2021	<0.0192	<0.0192	136	13.5	18.4	168	767
S-18	1'	2/10/2021	<0.0196	<0.0196	1270	136	<49.8	1410	1160
S-19	1'	2/10/2021	<0.0200	<0.0200	708	86.1	22.5	817	1070
S-20	1'	2/10/2021	<0.0182	<0.0182	544	69.4	26.7	640	1050
S-21	1'	2/10/2021	<0.0175	<0.0175	53.8	12.2	20.4	86.4	462
S-22	1'	2/10/2021	<0.0196	<0.0196	35.7	<50.2	<50.2	<50.2	791
S-23	1'	2/10/2021	<0.0196	<0.0196	24.6	<50.1	<50.1	<50.1	135
S-24	1'	2/10/2021	<0.0192	<0.0192	74	<49.9	14.5	88.5	548
S-25	1'	2/10/2021	<0.0189	<0.0189	33.9	<50.1	<50.1	<50.1	544
S-26	1'	2/10/2021	<0.0182	<0.0182	56.3	15.3	<50.1	71.6	247
S-27	1'	2/10/2021	<0.0182	<0.0182	534	73.1	19.9	627	1290
S-28	1'	2/10/2021	<0.0189	<0.0189	194	26.8	<50.1	221	626
S-29	1'	2/10/2021	<0.0196	<0.0196	228	33.5	<49.8	262	924
S-2A	2'	2/11/2021	<0.0200	<0.0200	299	57.2	20.5	377	610
S-3 A	1'	2/10/2021	<0.0196	<0.0196	207	33.1	<50.0	240	1850
S-30	1'	2/11/2021	<0.0196	<0.0196	190	15.9	28.4	234	393
S-31	1'	2/11/2021	<0.0192	<0.0192	324	31.4	<50.1	355	1070
S-32	1'	2/10/2021	<0.0196	<0.0196	331	49.5	<49.9	381	927
S-33	1'	2/10/2021	<0.0185	<0.0185	620	91.9	<50.0	712	1470
S-34	1'	2/10/2021	<0.0178	<0.0178	351	50.9	<49.8	402	1010
S-35	1.5'	2/11/2021	<0.0196	<0.0196	130	20.1	<49.8	150	363
S-36	1.5'	2/11/2021	<0.0192	<0.0192	237	38.6	<50.1	276	589
S-37	1'	2/11/2021	<0.0200	<0.0200	326	46.4	<50.1	372	779
S-38	1.5'	2/11/2021	<0.0196	<0.0196	179	26.1	<50.1	205	647
S-39	1'	2/11/2021	<0.0192	<0.0192	259	44.1	35.5	339	558
S-40	1'	2/11/2021	<0.0182	<0.0182	143	29.1	19.2	191	344
S-41	1.5'	2/11/2021	<0.0182	0.00747	145	20.6	<50.1	166	843
S-42	2'	2/11/2021	<0.0179	<0.0179	94.2	13	<50.0	107	782
S-43	2'	2/11/2021	<0.0175	<0.0175	<50.1	<50.1	<50.1	<50.1	336
S-44	2'	2/11/2021	<0.0172	<0.0172	<50.1	<50.1	<50.1	<50.1	599
S-6A	1'	2/10/2021	<0.0189	<0.0189	<50.0	<50.0	<50.0	<50.0	353
S-7A	1.5'	2/11/2021	<0.0185	<0.0185	176	30	<49.9	206	555
S-8A	1'	2/10/2021	<0.0185	<0.0185	34.5	22.7	<50.2	57.2	233
S-9A	1'	2/10/2021	<0.0182	<0.0182	<50.0	13.2	<50.0	<50.0	458
W. SW-1	1'	2/10/2021	<0.0182	<0.0182	<49.9	<49.9	22.1	<49.9	38.2
W. SW-2	1'	2/10/2021	<0.0185	<0.0185	<50.1	<50.1	<50.1	<50.1	17.9

R=Refusal

Based on the results of confirmation sampling results, on February 23, 2021, Talon personnel and equipment mobilized to the location in order to further excavate the area of sample location S-18. An additional 0.5-feet of soil was removed from this area and the soil sampled in order to confirm that NMOCD remediation targets had been achieved. The results are tabulated below for ease of reference. A full laboratory report can be viewed in [Appendix IV](#).

Table III, Site Confirmation Analytical Data

Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH	Cl (mg/kg)
Closure Criteria 19.15.29.12 NMAC			50 mg/kg	10 mg/kg	DRO+GRO combined=1000			2,500 mg/kg	20,000 mg/kg
S-18	1.5'	02/23/2021	ND	ND	ND	86	ND	86	140

ND=Analyte Not Detected

Remedial Action Summary

- The impacted areas in the vicinity of sample locations BG-1, S-3, S-6, S-8, thru S-11, S-15 through S-34, S-37, S-39 and S-40 were excavated to a depth of 1.0-feet BGS.
- The impacted areas in the vicinity of sample locations S-7, S-35, S-36, S-38, and S-41 respectively were excavated to a depth of 1.5-feet BGS.
- The impacted area in the vicinity of sample points S-2, and S-42 through S-44 were excavated to a depth of 2.0-feet BGS.
- Pursuant to NMOCD guidance, confirmation soil samples were collected at 200 square foot intervals and analyzed for TPH, BTEX and Total Chlorides to insure NMOCD closure criteria had been met.
- The excavated areas on the well pad were backfilled with new caliche, machine compacted and contoured to match the surrounding location.
- The excavated area off of the pad area (pasture) was backfilled with like material obtained from a local material pit. The pasture area was contoured to match the surrounding terrain.
- All of the excavated material was transported to Lea Land, LLC, a NMOCD approved solid waste disposal facility.
- A copy of the Final C-141 is presented in [Appendix II](#).

Closure

Based upon the completed remedial actions and confirmation sampling results, on behalf of Prima Exploration, Inc., we respectfully request that no further actions be required and that closure of this incident be granted.

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

Respectfully submitted,

TALON/LPE

David J. Adkins
Regional Manager

Attachments:

Appendix I Site Maps
Appendix II C-141's
Appendix III Photographic Documentation
Appendix IV Laboratory Data



APPENDIX I

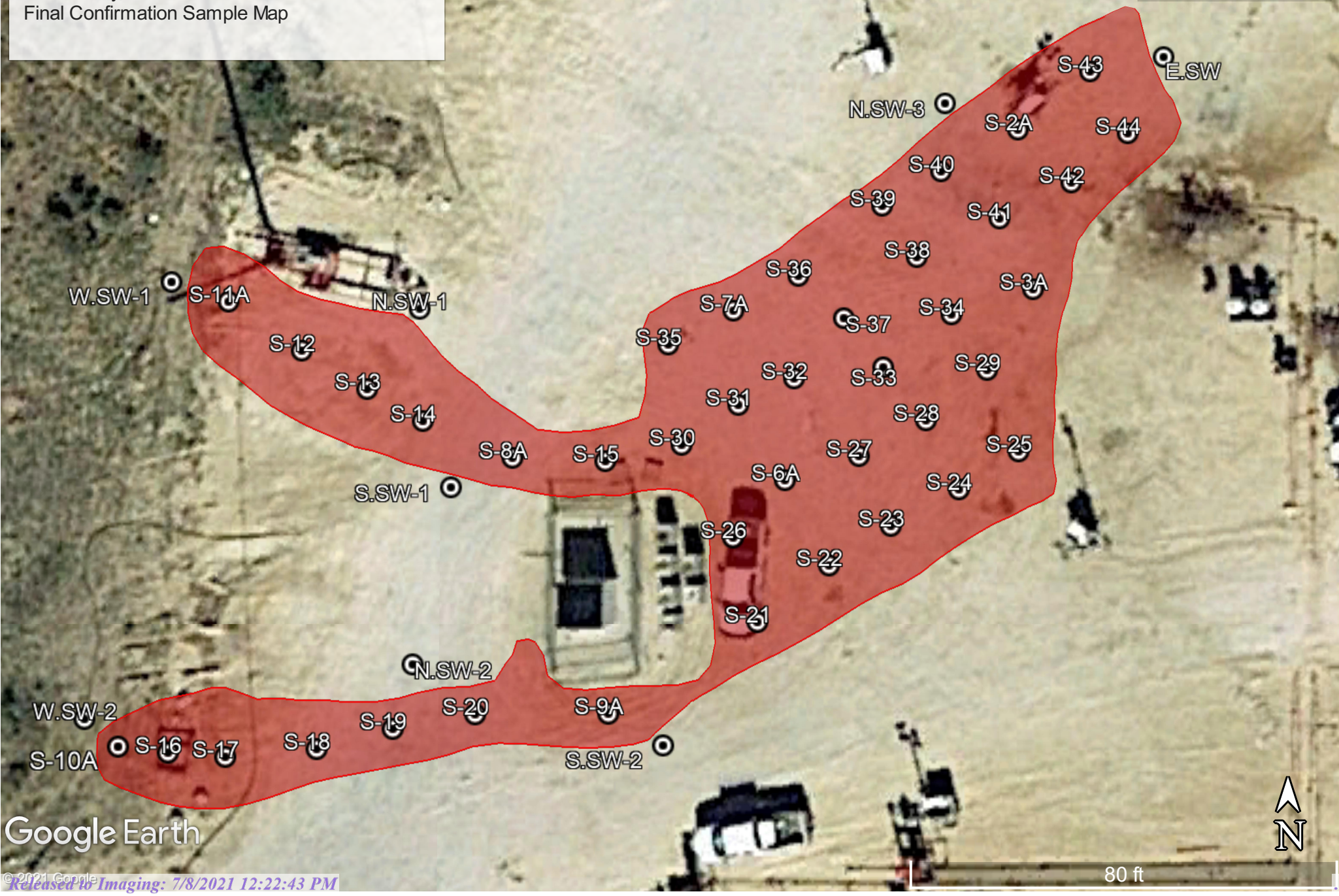
SITE PLANS

EK 29 BS2 Fed Com #002H

Prima Exploration, Inc
API # 30-025-43676
Lea County, NM
Final Confirmation Sample Map

Legend

-  Excavation
-  Sample Point



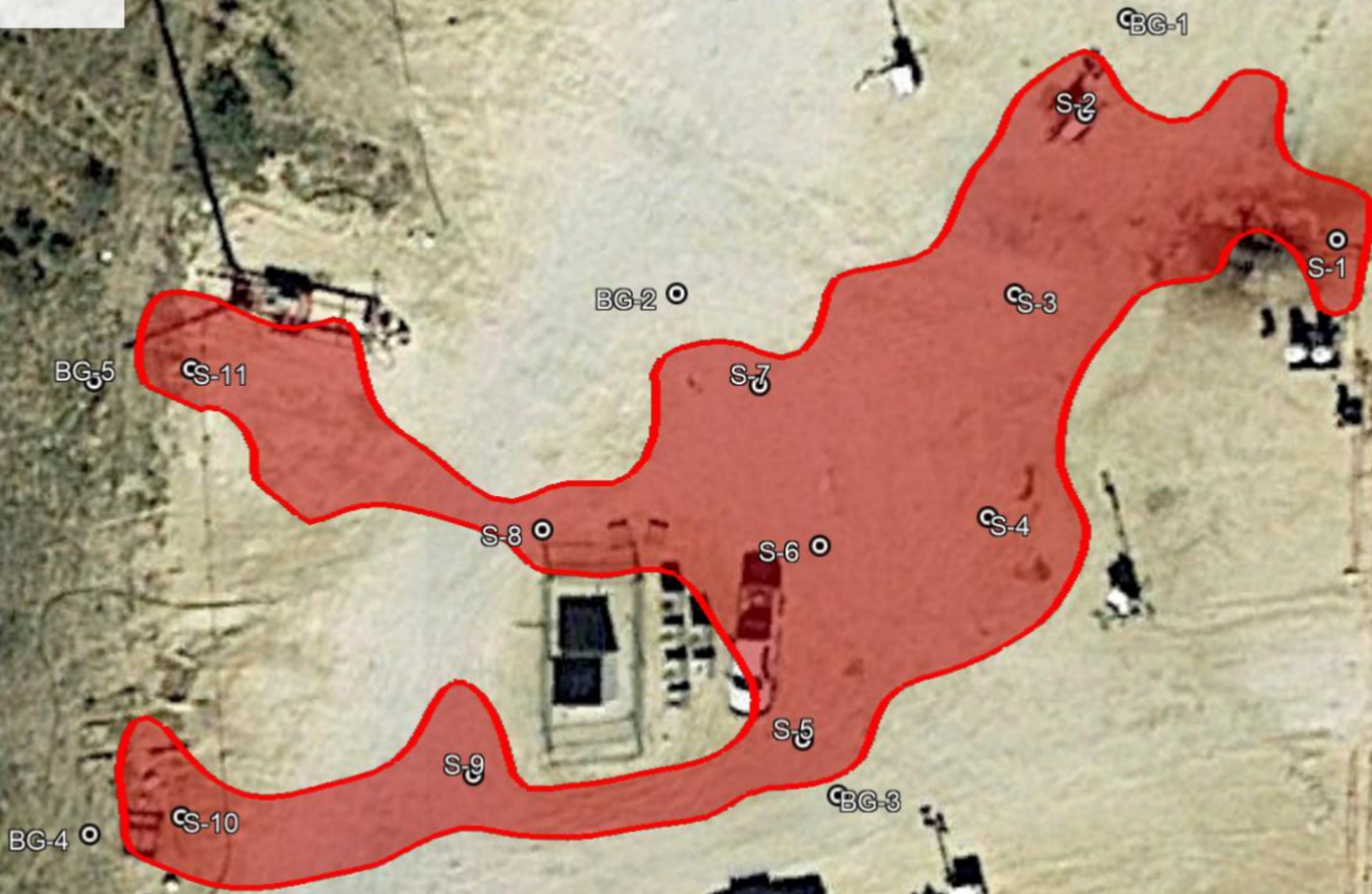
Google Earth

EK 29 BS2 Fed Com #2H

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

Legend

- Impact Area
- Sample Point

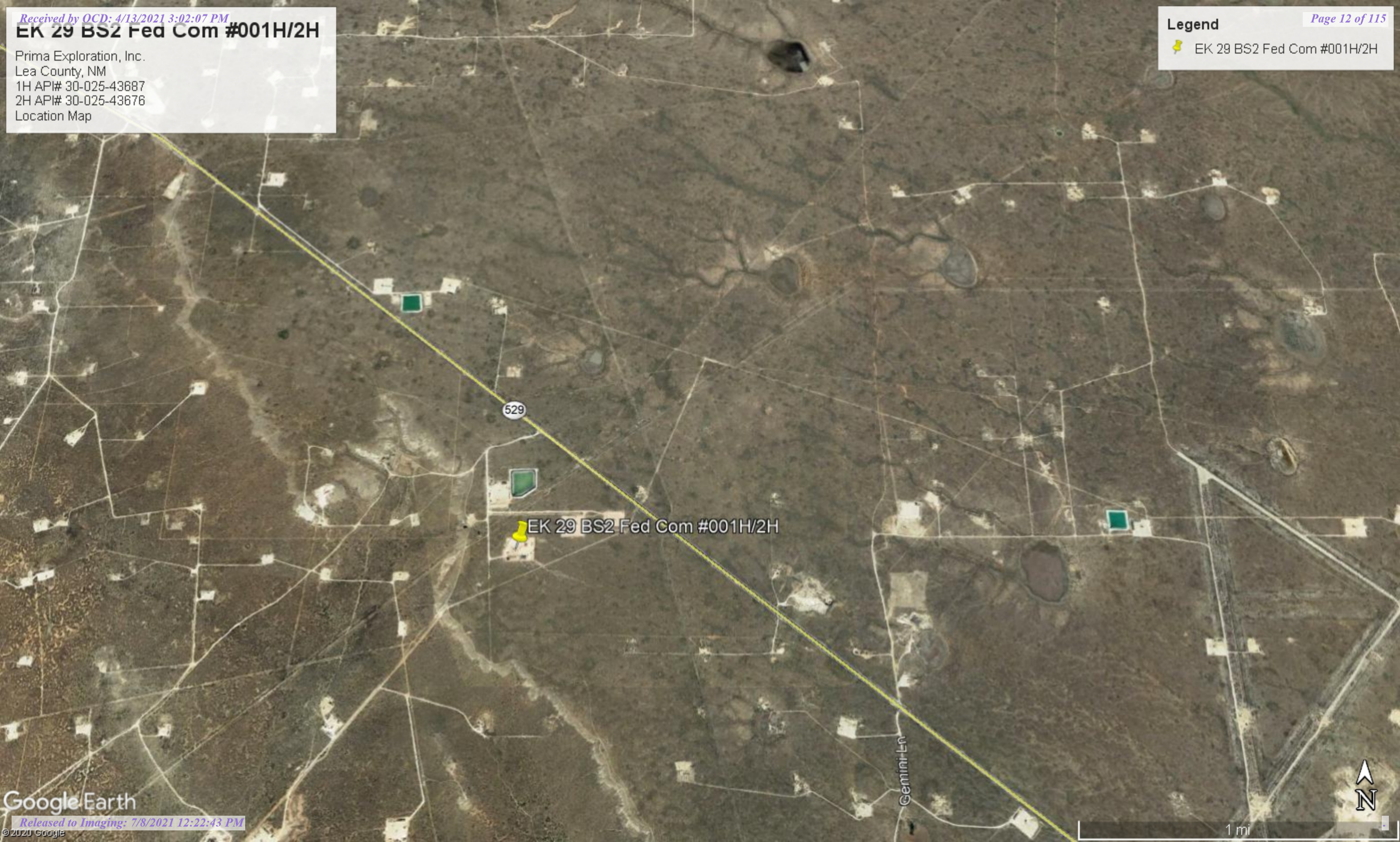


EK 29 BS2 Fed Com #001H/2H

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

Legend

 EK 29 BS2 Fed Com #001H/2H



Legend

 EK 29 BS2 Fed Com #001H/2H

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EK 29 BS2 Fed Com #001H/2H



APPENDIX II

FINAL C-141

Form C-141

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State of New Mexico
Oil Conservation Division

Incident ID	NRM2023360724
District RP	
Facility ID	30-025-43676
Application ID	

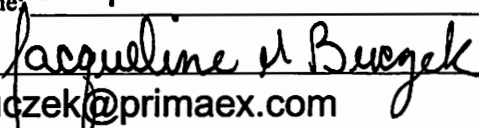
Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

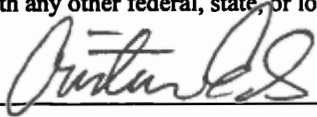
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Jacqueline Buczek Title: Petroleum Engineer
Signature:  Date: 04/01/2021
email: jbuczek@primaex.com Telephone: 303.755.5681 x109

OCD Only

Received by: Cristina Eads Date: 04/13/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 07/08/2021

Printed Name: Cristina Eads Title: Environmental Specialist

Form C-141

Page 5

State of New Mexico
Oil Conservation Division

Incident ID	NRM2023360724
District RP	
Facility ID	30-025-43676
Application ID	

Remediation Plan

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

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

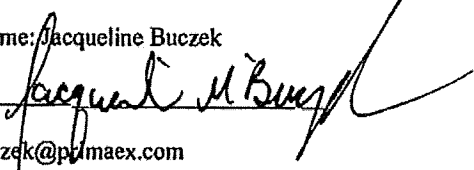
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- ☐ 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: 

Date: 11/18/20

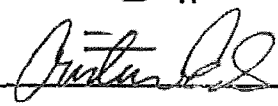
email: jbuczek@pmaex.com

Telephone: 303-755-5681 ext. 109

OCD Only

Received by: Cristina Eads

Date: 11/18/2020

☒ Approved☐ Approved with Attached Conditions of Approval☐ Denied☐ Deferral ApprovedSignature: 

Date: 01/21/2021



APPENDIX III

PHOTOGRAPHIC DOCUMENTATION

EK 29 BS2 Fed Com 2H

Excavation Photos



EK 29 BS2 Fed Com 2H



Completion Photos



EK 29 BS2 Fed Com 2H





APPENDIX IV

LABORATORY DATA



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-209-1

Laboratory Sample Delivery Group: 702678.002.01

Client Project/Site: EK 29 BS2 Fed Com

For:

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

Attn: David Adkins

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
2/19/2021 3:45:06 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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results through

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Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Laboratory Job ID: 890-209-1
SDG: 702678.002.01

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Definitions/Glossary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Qualifiers

GC VOA

Qualifier	Qualifier Description
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
U	Analyte was not detected at or above the SDL.

GC Semi VOA

Qualifier	Qualifier Description
b	The compound was found in the blank and sample
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
U	Analyte was not detected at or above the SDL.

HPLC/IC

Qualifier	Qualifier Description
b	The compound was found in the blank and sample
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
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Job ID: 890-209-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-209-1

Receipt

The samples were received on 2/12/2021 12:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: The method blank for preparation batch 890-265 and analytical batch 890-262 contained >C10-C28 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed. The following samples were affected: S-11A 1'R (890-209-8), S-12 3' (890-209-9), S-13 3' (890-209-10), S-14 3' (890-209-11), S-15 1' (890-209-12), S-16 1' (890-209-13), S-17 1' (890-209-14), S-18 1' (890-209-15), S-19 1' (890-209-16), S-20 1' (890-209-17), S-21 1' (890-209-18), S-22 1' (890-209-19), S-23 1' (890-209-20), S-24 1' (890-209-21), S-25 1' (890-209-22), S-26 1' (890-209-23), S-27 1' (890-209-24), S-28 1' (890-209-25), S-29 1' (890-209-26), S-30 1' (890-209-27) and (MB 890-265/1-A).

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 890-268 and analytical batch 890-281 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: The method blank for preparation batch 890-280 and analytical batch 890-282 contained C6-C10 above the method detection limit (MDL). Associated samples were not re-analyzed because results were less than the reporting limit (RL) OR practical quantitation limit (PQL).

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

HPLC/IC

Method 300_ORGFM_28D: The method blank and continuing calibration blanks for preparation batch 890-272 and analytical batch 890-275 contained Chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL) and associated samples were greater than 10x the result in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed. Affected samples: S-18 1' (890-209-15), S-19 1' (890-209-16), S-20 1' (890-209-17), S-21 1' (890-209-18), S-22 1' (890-209-19), S-23 1' (890-209-20), S-24 1' (890-209-21), S-25 1' (890-209-22), S-26 1' (890-209-23), S-27 1' (890-209-24), S-28 1' (890-209-25), S-29 1' (890-209-26), S-30 1' (890-209-27), S-31 1' (890-209-28), S-32 1' (890-209-29), S-33 1' (890-209-30), S-34 1' (890-209-31), S-35 1.5' R (890-209-32), S-36 1.5' R' (890-209-33), S-37 1' (890-209-34), (CCB 890-275/35), (CCB 890-275/47), (CCB 890-275/59), (CCB 890-275/68), (MB 890-272/1-A), (890-209-A-15-D MS), (890-209-A-15-E MSD), (890-209-A-25-D MS) and (890-209-A-25-E MSD).

Method 300_ORGFM_28D: The method blank for preparation batch 890-276 and analytical batch 890-277 contained Chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 300_ORGFM_28D: The method blank for preparation batch 890-276 and analytical batch 890-277 contained Chloride above the method detection limit (MDL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

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

Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-2A 2'

Lab Sample ID: 890-209-1

Date Collected: 02/11/21 10:25

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200	0.00486	mg/Kg		02/12/21 15:33	02/17/21 09:20	1
Ethylbenzene	<0.0200	U	0.0200	0.00406	mg/Kg		02/12/21 15:33	02/17/21 09:20	1
Toluene	<0.0200	U	0.0200	0.00528	mg/Kg		02/12/21 15:33	02/17/21 09:20	1
Total BTEX	<0.0200	U	0.0200	0.0200	mg/Kg		02/12/21 15:33	02/17/21 09:20	1
Xylenes, Total	<0.0200	U	0.0200	0.0200	mg/Kg		02/12/21 15:33	02/17/21 09:20	1
m,p-Xylenes	<0.0400	U	0.0400	0.00754	mg/Kg		02/12/21 15:33	02/17/21 09:20	1
o-Xylene	<0.0200	U	0.0200	0.00403	mg/Kg		02/12/21 15:33	02/17/21 09:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	101		70 - 130	02/12/21 15:33	02/17/21 09:20	1
1,4-Difluorobenzene	107		70 - 130	02/12/21 15:33	02/17/21 21:17	1
4-Bromofluorobenzene (Surr)	92		70 - 130	02/12/21 15:33	02/17/21 09:20	1
4-Bromofluorobenzene (Surr)	101		70 - 130	02/12/21 15:33	02/17/21 21:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	20.5	J	50.2	13.9	mg/Kg		02/12/21 15:18	02/13/21 07:58	1
Total TPH	377		50.2	37.0	mg/Kg		02/12/21 15:18	02/13/21 07:58	1
>C10-C28	299		50.2	11.5	mg/Kg		02/12/21 15:18	02/13/21 07:58	1
>C28-C35	57.2		50.2	11.5	mg/Kg		02/12/21 15:18	02/13/21 07:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 135	02/12/21 15:18	02/13/21 07:58	1
o-Terphenyl	104		70 - 135	02/12/21 15:18	02/13/21 07:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	610	b	10.0	0.0355	mg/Kg			02/15/21 10:08	1

Client Sample ID: S-3 A 1'

Lab Sample ID: 890-209-2

Date Collected: 02/10/21 14:15

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0196	U	0.0196	0.00476	mg/Kg		02/12/21 15:33	02/17/21 09:42	1
Ethylbenzene	<0.0196	U	0.0196	0.00398	mg/Kg		02/12/21 15:33	02/17/21 09:42	1
Toluene	<0.0196	U	0.0196	0.00517	mg/Kg		02/12/21 15:33	02/17/21 09:42	1
Total BTEX	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:33	02/17/21 09:42	1
Xylenes, Total	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:33	02/17/21 09:42	1
m,p-Xylenes	<0.0392	U	0.0392	0.00739	mg/Kg		02/12/21 15:33	02/17/21 09:42	1
o-Xylene	<0.0196	U	0.0196	0.00395	mg/Kg		02/12/21 15:33	02/17/21 09:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	02/12/21 15:33	02/17/21 09:42	1
4-Bromofluorobenzene (Surr)	93		70 - 130	02/12/21 15:33	02/17/21 09:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	13.9	mg/Kg		02/12/21 15:18	02/13/21 08:17	1
Total TPH	240		50.0	36.8	mg/Kg		02/12/21 15:18	02/13/21 08:17	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-3 A 1'

Lab Sample ID: 890-209-2

Date Collected: 02/10/21 14:15

Matrix: Solid

Date Received: 02/12/21 12:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C10-C28	207		50.0	11.5	mg/Kg		02/12/21 15:18	02/13/21 08:17	1
>C28-C35	33.1	J	50.0	11.5	mg/Kg		02/12/21 15:18	02/13/21 08:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 135				02/12/21 15:18	02/13/21 08:17	1
o-Terphenyl	106		70 - 135				02/12/21 15:18	02/13/21 08:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1850	b	9.92	0.0351	mg/Kg			02/15/21 10:14	1

Client Sample ID: S-6A 1'

Lab Sample ID: 890-209-3

Date Collected: 02/10/21 13:45

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0189	U	0.0189	0.00458	mg/Kg		02/12/21 15:33	02/17/21 10:27	1
Ethylbenzene	<0.0189	U	0.0189	0.00383	mg/Kg		02/12/21 15:33	02/17/21 10:27	1
Toluene	<0.0189	U	0.0189	0.00498	mg/Kg		02/12/21 15:33	02/17/21 10:27	1
Total BTEX	<0.0189	U	0.0189	0.0189	mg/Kg		02/12/21 15:33	02/17/21 10:27	1
Xylenes, Total	<0.0189	U	0.0189	0.0189	mg/Kg		02/12/21 15:33	02/17/21 10:27	1
m,p-Xylenes	<0.0377	U	0.0377	0.00711	mg/Kg		02/12/21 15:33	02/17/21 10:27	1
o-Xylene	<0.0189	U	0.0189	0.00380	mg/Kg		02/12/21 15:33	02/17/21 10:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	108		70 - 130				02/12/21 15:33	02/17/21 10:27	1
4-Bromofluorobenzene (Surr)	86		70 - 130				02/12/21 15:33	02/17/21 10:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	13.9	mg/Kg		02/12/21 15:18	02/13/21 08:55	1
Total TPH	<50.0	U	50.0	36.8	mg/Kg		02/12/21 15:18	02/13/21 08:55	1
>C10-C28	<50.0	U	50.0	11.5	mg/Kg		02/12/21 15:18	02/13/21 08:55	1
>C28-C35	<50.0	U	50.0	11.4	mg/Kg		02/12/21 15:18	02/13/21 08:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 135				02/12/21 15:18	02/13/21 08:55	1
o-Terphenyl	115		70 - 135				02/12/21 15:18	02/13/21 08:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	353	b	10.1	0.0358	mg/Kg			02/15/21 10:20	1

Client Sample ID: S-7A 1.5' R

Lab Sample ID: 890-209-4

Date Collected: 02/11/21 10:20

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0185	U	0.0185	0.00450	mg/Kg		02/12/21 15:33	02/17/21 10:49	1
Ethylbenzene	<0.0185	U	0.0185	0.00376	mg/Kg		02/12/21 15:33	02/17/21 10:49	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-7A 1.5' R

Lab Sample ID: 890-209-4

Date Collected: 02/11/21 10:20

Matrix: Solid

Date Received: 02/12/21 12:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.0185	U	0.0185	0.00489	mg/Kg		02/12/21 15:33	02/17/21 10:49	1
Total BTEX	<0.0185	U	0.0185	0.0185	mg/Kg		02/12/21 15:33	02/17/21 10:49	1
Xylenes, Total	<0.0185	U	0.0185	0.0185	mg/Kg		02/12/21 15:33	02/17/21 10:49	1
m,p-Xylenes	<0.0370	U	0.0370	0.00698	mg/Kg		02/12/21 15:33	02/17/21 10:49	1
o-Xylene	<0.0185	U	0.0185	0.00373	mg/Kg		02/12/21 15:33	02/17/21 10:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130				02/12/21 15:33	02/17/21 10:49	1
4-Bromofluorobenzene (Surr)	93		70 - 130				02/12/21 15:33	02/17/21 10:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.9	U	49.9	13.8	mg/Kg		02/12/21 15:18	02/13/21 09:14	1
Total TPH	206		49.9	36.7	mg/Kg		02/12/21 15:18	02/13/21 09:14	1
>C10-C28	176		49.9	11.4	mg/Kg		02/12/21 15:18	02/13/21 09:14	1
>C28-C35	30.0	J	49.9	11.4	mg/Kg		02/12/21 15:18	02/13/21 09:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 135				02/12/21 15:18	02/13/21 09:14	1
o-Terphenyl	110		70 - 135				02/12/21 15:18	02/13/21 09:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	555	b	10.0	0.0355	mg/Kg			02/15/21 10:25	1

Client Sample ID: S-8A 1'

Lab Sample ID: 890-209-5

Date Collected: 02/10/21 09:55

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0185	U	0.0185	0.00450	mg/Kg		02/12/21 15:33	02/17/21 11:12	1
Ethylbenzene	<0.0185	U	0.0185	0.00376	mg/Kg		02/12/21 15:33	02/17/21 11:12	1
Toluene	<0.0185	U	0.0185	0.00489	mg/Kg		02/12/21 15:33	02/17/21 11:12	1
Total BTEX	<0.0185	U	0.0185	0.0185	mg/Kg		02/12/21 15:33	02/17/21 11:12	1
Xylenes, Total	<0.0185	U	0.0185	0.0185	mg/Kg		02/12/21 15:33	02/17/21 11:12	1
m,p-Xylenes	<0.0370	U	0.0370	0.00698	mg/Kg		02/12/21 15:33	02/17/21 11:12	1
o-Xylene	<0.0185	U	0.0185	0.00373	mg/Kg		02/12/21 15:33	02/17/21 11:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	108		70 - 130				02/12/21 15:33	02/17/21 11:12	1
4-Bromofluorobenzene (Surr)	88		70 - 130				02/12/21 15:33	02/17/21 11:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	13.9	mg/Kg		02/12/21 15:18	02/13/21 09:33	1
Total TPH	57.2		50.2	36.9	mg/Kg		02/12/21 15:18	02/13/21 09:33	1
>C10-C28	34.5	J	50.2	11.5	mg/Kg		02/12/21 15:18	02/13/21 09:33	1
>C28-C35	22.7	J	50.2	11.5	mg/Kg		02/12/21 15:18	02/13/21 09:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 135				02/12/21 15:18	02/13/21 09:33	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-8A 1'

Lab Sample ID: 890-209-5

Date Collected: 02/10/21 09:55

Matrix: Solid

Date Received: 02/12/21 12:15

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	103		70 - 135	02/12/21 15:18	02/13/21 09:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	233	b	9.94	0.0352	mg/Kg			02/15/21 10:31	1

Client Sample ID: S-9A 1'

Lab Sample ID: 890-209-6

Date Collected: 02/10/21 11:00

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0182	U	0.0182	0.00441	mg/Kg		02/12/21 15:33	02/17/21 11:34	1
Ethylbenzene	<0.0182	U	0.0182	0.00369	mg/Kg		02/12/21 15:33	02/17/21 11:34	1
Toluene	<0.0182	U	0.0182	0.00480	mg/Kg		02/12/21 15:33	02/17/21 11:34	1
Total BTEX	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:33	02/17/21 11:34	1
Xylenes, Total	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:33	02/17/21 11:34	1
m,p-Xylenes	<0.0364	U	0.0364	0.00685	mg/Kg		02/12/21 15:33	02/17/21 11:34	1
o-Xylene	<0.0182	U	0.0182	0.00366	mg/Kg		02/12/21 15:33	02/17/21 11:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	109		70 - 130	02/12/21 15:33	02/17/21 11:34	1
4-Bromofluorobenzene (Surr)	91		70 - 130	02/12/21 15:33	02/17/21 11:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	13.9	mg/Kg		02/12/21 15:18	02/13/21 09:52	1
Total TPH	<50.0	U	50.0	36.8	mg/Kg		02/12/21 15:18	02/13/21 09:52	1
>C10-C28	<50.0	U	50.0	11.5	mg/Kg		02/12/21 15:18	02/13/21 09:52	1
>C28-C35	13.2	J	50.0	11.5	mg/Kg		02/12/21 15:18	02/13/21 09:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 135	02/12/21 15:18	02/13/21 09:52	1
o-Terphenyl	104		70 - 135	02/12/21 15:18	02/13/21 09:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	458	b	9.94	0.0352	mg/Kg			02/15/21 10:48	1

Client Sample ID: S-10A 1'

Lab Sample ID: 890-209-7

Date Collected: 02/10/21 10:30

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0196	U	0.0196	0.00476	mg/Kg		02/12/21 15:33	02/17/21 11:57	1
Ethylbenzene	<0.0196	U	0.0196	0.00398	mg/Kg		02/12/21 15:33	02/17/21 11:57	1
Toluene	<0.0196	U	0.0196	0.00517	mg/Kg		02/12/21 15:33	02/17/21 11:57	1
Total BTEX	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:33	02/17/21 11:57	1
Xylenes, Total	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:33	02/17/21 11:57	1
m,p-Xylenes	<0.0392	U	0.0392	0.00739	mg/Kg		02/12/21 15:33	02/17/21 11:57	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-10A 1'

Lab Sample ID: 890-209-7

Date Collected: 02/10/21 10:30

Matrix: Solid

Date Received: 02/12/21 12:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.0196	U	0.0196	0.00395	mg/Kg		02/12/21 15:33	02/17/21 11:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	108		70 - 130				02/12/21 15:33	02/17/21 11:57	1
4-Bromofluorobenzene (Surr)	87		70 - 130				02/12/21 15:33	02/17/21 11:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/12/21 15:18	02/13/21 10:11	1
Total TPH	<50.1	U	50.1	36.8	mg/Kg		02/12/21 15:18	02/13/21 10:11	1
>C10-C28	<50.1	U	50.1	11.5	mg/Kg		02/12/21 15:18	02/13/21 10:11	1
>C28-C35	<50.1	U	50.1	11.5	mg/Kg		02/12/21 15:18	02/13/21 10:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 135				02/12/21 15:18	02/13/21 10:11	1
o-Terphenyl	113		70 - 135				02/12/21 15:18	02/13/21 10:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143	b	10.0	0.0355	mg/Kg			02/15/21 10:54	1

Client Sample ID: S-11A 1'R

Lab Sample ID: 890-209-8

Date Collected: 02/10/21 09:35

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0192	U	0.0192	0.00467	mg/Kg		02/12/21 15:33	02/17/21 12:19	1
Ethylbenzene	<0.0192	U	0.0192	0.00391	mg/Kg		02/12/21 15:33	02/17/21 12:19	1
Toluene	<0.0192	U	0.0192	0.00507	mg/Kg		02/12/21 15:33	02/17/21 12:19	1
Total BTEX	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:33	02/17/21 12:19	1
Xylenes, Total	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:33	02/17/21 12:19	1
m,p-Xylenes	<0.0385	U	0.0385	0.00725	mg/Kg		02/12/21 15:33	02/17/21 12:19	1
o-Xylene	<0.0192	U	0.0192	0.00388	mg/Kg		02/12/21 15:33	02/17/21 12:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130				02/12/21 15:33	02/17/21 12:19	1
4-Bromofluorobenzene (Surr)	88		70 - 130				02/12/21 15:33	02/17/21 12:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<53.2	U	53.2	14.8	mg/Kg		02/12/21 15:21	02/13/21 02:53	1
Total TPH	134		53.2	39.2	mg/Kg		02/12/21 15:21	02/13/21 02:53	1
>C10-C28	119	b	53.2	12.2	mg/Kg		02/12/21 15:21	02/13/21 02:53	1
>C28-C35	15.3	J	53.2	12.2	mg/Kg		02/12/21 15:21	02/13/21 02:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 135				02/12/21 15:21	02/13/21 02:53	1
o-Terphenyl	102		70 - 135				02/12/21 15:21	02/13/21 02:53	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-11A 1'R

Lab Sample ID: 890-209-8

Date Collected: 02/10/21 09:35

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.8	b	10.1	0.0358	mg/Kg			02/15/21 11:11	1

Client Sample ID: S-12 3'

Lab Sample ID: 890-209-9

Date Collected: 02/10/21 09:40

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0192	U	0.0192	0.00467	mg/Kg		02/12/21 15:39	02/12/21 19:38	1
Ethylbenzene	<0.0192	U	0.0192	0.00391	mg/Kg		02/12/21 15:39	02/12/21 19:38	1
Toluene	<0.0192	U	0.0192	0.00507	mg/Kg		02/12/21 15:39	02/12/21 19:38	1
Total BTEX	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:39	02/12/21 19:38	1
Xylenes, Total	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:39	02/12/21 19:38	1
m,p-Xylenes	<0.0385	U	0.0385	0.00725	mg/Kg		02/12/21 15:39	02/12/21 19:38	1
o-Xylene	<0.0192	U	0.0192	0.00388	mg/Kg		02/12/21 15:39	02/12/21 19:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130	02/12/21 15:39	02/12/21 19:38	1
4-Bromofluorobenzene (Surr)	104		70 - 130	02/12/21 15:39	02/12/21 19:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/12/21 15:21	02/13/21 03:50	1
Total TPH	<50.1	U	50.1	36.8	mg/Kg		02/12/21 15:21	02/13/21 03:50	1
>C10-C28	28.2	J b	50.1	11.5	mg/Kg		02/12/21 15:21	02/13/21 03:50	1
>C28-C35	<50.1	U	50.1	11.5	mg/Kg		02/12/21 15:21	02/13/21 03:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 135	02/12/21 15:21	02/13/21 03:50	1
o-Terphenyl	107		70 - 135	02/12/21 15:21	02/13/21 03:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.4	b	10.0	0.0355	mg/Kg			02/15/21 11:16	1

Client Sample ID: S-13 3'

Lab Sample ID: 890-209-10

Date Collected: 02/10/21 09:45

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0196	U	0.0196	0.00476	mg/Kg		02/12/21 15:39	02/12/21 20:45	1
Ethylbenzene	<0.0196	U	0.0196	0.00398	mg/Kg		02/12/21 15:39	02/12/21 20:45	1
Toluene	<0.0196	U	0.0196	0.00517	mg/Kg		02/12/21 15:39	02/12/21 20:45	1
Total BTEX	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:39	02/12/21 20:45	1
Xylenes, Total	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:39	02/12/21 20:45	1
m,p-Xylenes	<0.0392	U	0.0392	0.00739	mg/Kg		02/12/21 15:39	02/12/21 20:45	1
o-Xylene	<0.0196	U	0.0196	0.00395	mg/Kg		02/12/21 15:39	02/12/21 20:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	101		70 - 130	02/12/21 15:39	02/12/21 20:45	1
4-Bromofluorobenzene (Surr)	105		70 - 130	02/12/21 15:39	02/12/21 20:45	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-13 3'

Lab Sample ID: 890-209-10

Date Collected: 02/10/21 09:45

Matrix: Solid

Date Received: 02/12/21 12:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	24.4	J	49.9	13.9	mg/Kg		02/12/21 15:21	02/13/21 04:09	1
Total TPH	37.3	J	49.9	36.7	mg/Kg		02/12/21 15:21	02/13/21 04:09	1
>C10-C28	12.9	J b	49.9	11.4	mg/Kg		02/12/21 15:21	02/13/21 04:09	1
>C28-C35	<49.9	U	49.9	11.4	mg/Kg		02/12/21 15:21	02/13/21 04:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 135	02/12/21 15:21	02/13/21 04:09	1
o-Terphenyl	103		70 - 135	02/12/21 15:21	02/13/21 04:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.8	b	10.1	0.0358	mg/Kg			02/15/21 11:22	1

Client Sample ID: S-14 3'

Lab Sample ID: 890-209-11

Date Collected: 02/10/21 09:50

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0196	U	0.0196	0.00476	mg/Kg		02/12/21 15:39	02/12/21 21:07	1
Ethylbenzene	<0.0196	U	0.0196	0.00398	mg/Kg		02/12/21 15:39	02/12/21 21:07	1
Toluene	<0.0196	U	0.0196	0.00517	mg/Kg		02/12/21 15:39	02/12/21 21:07	1
Total BTEX	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:39	02/12/21 21:07	1
Xylenes, Total	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:39	02/12/21 21:07	1
m,p-Xylenes	<0.0392	U	0.0392	0.00739	mg/Kg		02/12/21 15:39	02/12/21 21:07	1
o-Xylene	<0.0196	U	0.0196	0.00395	mg/Kg		02/12/21 15:39	02/12/21 21:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	101		70 - 130	02/12/21 15:39	02/12/21 21:07	1
4-Bromofluorobenzene (Surr)	104		70 - 130	02/12/21 15:39	02/12/21 21:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	14.6	J	50.2	13.9	mg/Kg		02/12/21 15:21	02/13/21 04:28	1
Total TPH	<50.2	U	50.2	37.0	mg/Kg		02/12/21 15:21	02/13/21 04:28	1
>C10-C28	16.6	J b	50.2	11.5	mg/Kg		02/12/21 15:21	02/13/21 04:28	1
>C28-C35	<50.2	U	50.2	11.5	mg/Kg		02/12/21 15:21	02/13/21 04:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 135	02/12/21 15:21	02/13/21 04:28	1
o-Terphenyl	103		70 - 135	02/12/21 15:21	02/13/21 04:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.7	b	10.1	0.0357	mg/Kg			02/15/21 11:28	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-15 1'

Lab Sample ID: 890-209-12

Date Collected: 02/10/21 10:00

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00683	J	0.0192	0.00467	mg/Kg		02/12/21 15:39	02/12/21 21:30	1
Ethylbenzene	<0.0192	U	0.0192	0.00391	mg/Kg		02/12/21 15:39	02/12/21 21:30	1
Toluene	<0.0192	U	0.0192	0.00507	mg/Kg		02/12/21 15:39	02/12/21 21:30	1
Total BTEX	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:39	02/12/21 21:30	1
Xylenes, Total	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:39	02/12/21 21:30	1
m,p-Xylenes	<0.0385	U	0.0385	0.00725	mg/Kg		02/12/21 15:39	02/12/21 21:30	1
o-Xylene	<0.0192	U	0.0192	0.00388	mg/Kg		02/12/21 15:39	02/12/21 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	102		70 - 130	02/12/21 15:39	02/12/21 21:30	1
4-Bromofluorobenzene (Surr)	108		70 - 130	02/12/21 15:39	02/12/21 21:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/12/21 15:21	02/13/21 04:47	1
Total TPH	198		50.1	36.8	mg/Kg		02/12/21 15:21	02/13/21 04:47	1
>C10-C28	176	b	50.1	11.5	mg/Kg		02/12/21 15:21	02/13/21 04:47	1
>C28-C35	22.0	J	50.1	11.5	mg/Kg		02/12/21 15:21	02/13/21 04:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 135	02/12/21 15:21	02/13/21 04:47	1
o-Terphenyl	116		70 - 135	02/12/21 15:21	02/13/21 04:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	369	b	9.94	0.0352	mg/Kg			02/15/21 11:33	1

Client Sample ID: S-16 1'

Lab Sample ID: 890-209-13

Date Collected: 02/10/21 10:35

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0182	U	0.0182	0.00441	mg/Kg		02/12/21 15:39	02/12/21 21:52	1
Ethylbenzene	<0.0182	U	0.0182	0.00369	mg/Kg		02/12/21 15:39	02/12/21 21:52	1
Toluene	<0.0182	U	0.0182	0.00480	mg/Kg		02/12/21 15:39	02/12/21 21:52	1
Total BTEX	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:39	02/12/21 21:52	1
Xylenes, Total	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:39	02/12/21 21:52	1
m,p-Xylenes	<0.0364	U	0.0364	0.00685	mg/Kg		02/12/21 15:39	02/12/21 21:52	1
o-Xylene	<0.0182	U	0.0182	0.00366	mg/Kg		02/12/21 15:39	02/12/21 21:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130	02/12/21 15:39	02/12/21 21:52	1
4-Bromofluorobenzene (Surr)	110		70 - 130	02/12/21 15:39	02/12/21 21:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	30.8	J	49.9	13.8	mg/Kg		02/12/21 15:21	02/13/21 05:26	1
Total TPH	61.7		49.9	36.7	mg/Kg		02/12/21 15:21	02/13/21 05:26	1
>C10-C28	30.9	J b	49.9	11.4	mg/Kg		02/12/21 15:21	02/13/21 05:26	1
>C28-C35	<49.9	U	49.9	11.4	mg/Kg		02/12/21 15:21	02/13/21 05:26	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-16 1'

Date Collected: 02/10/21 10:35

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-13

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 135	02/12/21 15:21	02/13/21 05:26	1
o-Terphenyl	104		70 - 135	02/12/21 15:21	02/13/21 05:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	146	b	9.96	0.0353	mg/Kg			02/15/21 11:39	1

Client Sample ID: S-17 1'

Date Collected: 02/10/21 10:40

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-14

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0192	U	0.0192	0.00467	mg/Kg		02/12/21 15:39	02/12/21 22:37	1
Ethylbenzene	<0.0192	U	0.0192	0.00391	mg/Kg		02/12/21 15:39	02/12/21 22:37	1
Toluene	<0.0192	U	0.0192	0.00507	mg/Kg		02/12/21 15:39	02/12/21 22:37	1
Total BTEX	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:39	02/12/21 22:37	1
Xylenes, Total	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:39	02/12/21 22:37	1
m,p-Xylenes	<0.0385	U	0.0385	0.00725	mg/Kg		02/12/21 15:39	02/12/21 22:37	1
o-Xylene	<0.0192	U	0.0192	0.00388	mg/Kg		02/12/21 15:39	02/12/21 22:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	02/12/21 15:39	02/12/21 22:37	1
4-Bromofluorobenzene (Surr)	106		70 - 130	02/12/21 15:39	02/12/21 22:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	18.4	J	49.8	13.8	mg/Kg		02/12/21 15:21	02/13/21 05:45	1
Total TPH	168		49.8	36.6	mg/Kg		02/12/21 15:21	02/13/21 05:45	1
>C10-C28	136	b	49.8	11.4	mg/Kg		02/12/21 15:21	02/13/21 05:45	1
>C28-C35	13.5	J	49.8	11.4	mg/Kg		02/12/21 15:21	02/13/21 05:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 135	02/12/21 15:21	02/13/21 05:45	1
o-Terphenyl	107		70 - 135	02/12/21 15:21	02/13/21 05:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	767	b	9.96	0.0353	mg/Kg			02/15/21 11:45	1

Client Sample ID: S-18 1'

Date Collected: 02/10/21 10:45

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-15

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0196	U	0.0196	0.00476	mg/Kg		02/12/21 15:39	02/12/21 23:00	1
Ethylbenzene	<0.0196	U	0.0196	0.00398	mg/Kg		02/12/21 15:39	02/12/21 23:00	1
Toluene	<0.0196	U	0.0196	0.00517	mg/Kg		02/12/21 15:39	02/12/21 23:00	1
Total BTEX	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:39	02/12/21 23:00	1
Xylenes, Total	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:39	02/12/21 23:00	1
m,p-Xylenes	<0.0392	U	0.0392	0.00739	mg/Kg		02/12/21 15:39	02/12/21 23:00	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-18 1'

Date Collected: 02/10/21 10:45

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-15

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.0196	U	0.0196	0.00395	mg/Kg		02/12/21 15:39	02/12/21 23:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	96		70 - 130				02/12/21 15:39	02/12/21 23:00	1
4-Bromofluorobenzene (Surr)	101		70 - 130				02/12/21 15:39	02/12/21 23:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	13.8	mg/Kg		02/12/21 15:21	02/13/21 06:04	1
Total TPH	1410		49.8	36.7	mg/Kg		02/12/21 15:21	02/13/21 06:04	1
>C10-C28	1270	b	49.8	11.4	mg/Kg		02/12/21 15:21	02/13/21 06:04	1
>C28-C35	136		49.8	11.4	mg/Kg		02/12/21 15:21	02/13/21 06:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 135				02/12/21 15:21	02/13/21 06:04	1
o-Terphenyl	106		70 - 135				02/12/21 15:21	02/13/21 06:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1160	b	9.92	0.0351	mg/Kg			02/12/21 23:05	1

Client Sample ID: S-19 1'

Date Collected: 02/10/21 10:50

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-16

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200	0.00486	mg/Kg		02/12/21 15:39	02/12/21 23:22	1
Ethylbenzene	<0.0200	U	0.0200	0.00406	mg/Kg		02/12/21 15:39	02/12/21 23:22	1
Toluene	<0.0200	U	0.0200	0.00528	mg/Kg		02/12/21 15:39	02/12/21 23:22	1
Total BTEX	<0.0200	U	0.0200	0.0200	mg/Kg		02/12/21 15:39	02/12/21 23:22	1
Xylenes, Total	<0.0200	U	0.0200	0.0200	mg/Kg		02/12/21 15:39	02/12/21 23:22	1
m,p-Xylenes	<0.0400	U	0.0400	0.00754	mg/Kg		02/12/21 15:39	02/12/21 23:22	1
o-Xylene	<0.0200	U	0.0200	0.00403	mg/Kg		02/12/21 15:39	02/12/21 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130				02/12/21 15:39	02/12/21 23:22	1
4-Bromofluorobenzene (Surr)	108		70 - 130				02/12/21 15:39	02/12/21 23:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	22.5	J	50.2	13.9	mg/Kg		02/12/21 15:21	02/13/21 06:23	1
Total TPH	817		50.2	36.9	mg/Kg		02/12/21 15:21	02/13/21 06:23	1
>C10-C28	708	b	50.2	11.5	mg/Kg		02/12/21 15:21	02/13/21 06:23	1
>C28-C35	86.1		50.2	11.5	mg/Kg		02/12/21 15:21	02/13/21 06:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 135				02/12/21 15:21	02/13/21 06:23	1
o-Terphenyl	102		70 - 135				02/12/21 15:21	02/13/21 06:23	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-19 1'

Lab Sample ID: 890-209-16

Date Collected: 02/10/21 10:50

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1070	b	10.1	0.0358	mg/Kg			02/12/21 23:22	1

Client Sample ID: S-20 1'

Lab Sample ID: 890-209-17

Date Collected: 02/10/21 10:55

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0182	U	0.0182	0.00441	mg/Kg		02/12/21 15:39	02/12/21 23:44	1
Ethylbenzene	<0.0182	U	0.0182	0.00369	mg/Kg		02/12/21 15:39	02/12/21 23:44	1
Toluene	<0.0182	U	0.0182	0.00480	mg/Kg		02/12/21 15:39	02/12/21 23:44	1
Total BTEX	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:39	02/12/21 23:44	1
Xylenes, Total	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:39	02/12/21 23:44	1
m,p-Xylenes	<0.0364	U	0.0364	0.00685	mg/Kg		02/12/21 15:39	02/12/21 23:44	1
o-Xylene	<0.0182	U	0.0182	0.00366	mg/Kg		02/12/21 15:39	02/12/21 23:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/12/21 15:39	02/12/21 23:44	1
4-Bromofluorobenzene (Surr)	105		70 - 130	02/12/21 15:39	02/12/21 23:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	26.7	J	50.0	13.9	mg/Kg		02/12/21 15:21	02/13/21 06:42	1
Total TPH	640		50.0	36.8	mg/Kg		02/12/21 15:21	02/13/21 06:42	1
>C10-C28	544	b	50.0	11.5	mg/Kg		02/12/21 15:21	02/13/21 06:42	1
>C28-C35	69.4		50.0	11.5	mg/Kg		02/12/21 15:21	02/13/21 06:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 135	02/12/21 15:21	02/13/21 06:42	1
o-Terphenyl	108		70 - 135	02/12/21 15:21	02/13/21 06:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1050	b	10.1	0.0358	mg/Kg			02/12/21 23:27	1

Client Sample ID: S-21 1'

Lab Sample ID: 890-209-18

Date Collected: 02/10/21 12:30

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0175	U	0.0175	0.00426	mg/Kg		02/12/21 15:39	02/13/21 00:07	1
Ethylbenzene	<0.0175	U	0.0175	0.00356	mg/Kg		02/12/21 15:39	02/13/21 00:07	1
Toluene	<0.0175	U	0.0175	0.00463	mg/Kg		02/12/21 15:39	02/13/21 00:07	1
Total BTEX	<0.0175	U	0.0175	0.0175	mg/Kg		02/12/21 15:39	02/13/21 00:07	1
Xylenes, Total	<0.0175	U	0.0175	0.0175	mg/Kg		02/12/21 15:39	02/13/21 00:07	1
m,p-Xylenes	<0.0351	U	0.0351	0.00661	mg/Kg		02/12/21 15:39	02/13/21 00:07	1
o-Xylene	<0.0175	U	0.0175	0.00354	mg/Kg		02/12/21 15:39	02/13/21 00:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	02/12/21 15:39	02/13/21 00:07	1
4-Bromofluorobenzene (Surr)	109		70 - 130	02/12/21 15:39	02/13/21 00:07	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-21 1'

Lab Sample ID: 890-209-18

Date Collected: 02/10/21 12:30

Matrix: Solid

Date Received: 02/12/21 12:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	20.4	J	49.9	13.8	mg/Kg		02/12/21 15:21	02/13/21 07:01	1
Total TPH	86.4		49.9	36.7	mg/Kg		02/12/21 15:21	02/13/21 07:01	1
>C10-C28	53.8	b	49.9	11.4	mg/Kg		02/12/21 15:21	02/13/21 07:01	1
>C28-C35	12.2	J	49.9	11.4	mg/Kg		02/12/21 15:21	02/13/21 07:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 135	02/12/21 15:21	02/13/21 07:01	1
o-Terphenyl	113		70 - 135	02/12/21 15:21	02/13/21 07:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	462	b	10.1	0.0356	mg/Kg			02/12/21 23:33	1

Client Sample ID: S-22 1'

Lab Sample ID: 890-209-19

Date Collected: 02/10/21 12:35

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0196	U	0.0196	0.00476	mg/Kg		02/12/21 15:39	02/13/21 00:29	1
Ethylbenzene	<0.0196	U	0.0196	0.00398	mg/Kg		02/12/21 15:39	02/13/21 00:29	1
Toluene	<0.0196	U	0.0196	0.00517	mg/Kg		02/12/21 15:39	02/13/21 00:29	1
Total BTEX	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:39	02/13/21 00:29	1
Xylenes, Total	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:39	02/13/21 00:29	1
m,p-Xylenes	<0.0392	U	0.0392	0.00739	mg/Kg		02/12/21 15:39	02/13/21 00:29	1
o-Xylene	<0.0196	U	0.0196	0.00395	mg/Kg		02/12/21 15:39	02/13/21 00:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130	02/12/21 15:39	02/13/21 00:29	1
4-Bromofluorobenzene (Surr)	105		70 - 130	02/12/21 15:39	02/13/21 00:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	13.9	mg/Kg		02/12/21 15:21	02/13/21 07:20	1
Total TPH	<50.2	U	50.2	37.0	mg/Kg		02/12/21 15:21	02/13/21 07:20	1
>C10-C28	35.7	J b	50.2	11.5	mg/Kg		02/12/21 15:21	02/13/21 07:20	1
>C28-C35	<50.2	U	50.2	11.5	mg/Kg		02/12/21 15:21	02/13/21 07:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 135	02/12/21 15:21	02/13/21 07:20	1
o-Terphenyl	108		70 - 135	02/12/21 15:21	02/13/21 07:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	791	b	9.98	0.0353	mg/Kg			02/12/21 23:39	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-23 1'

Lab Sample ID: 890-209-20

Date Collected: 02/10/21 12:40

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0196	U	0.0196	0.00476	mg/Kg		02/12/21 15:39	02/13/21 00:52	1
Ethylbenzene	<0.0196	U	0.0196	0.00398	mg/Kg		02/12/21 15:39	02/13/21 00:52	1
Toluene	<0.0196	U	0.0196	0.00517	mg/Kg		02/12/21 15:39	02/13/21 00:52	1
Total BTEX	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:39	02/13/21 00:52	1
Xylenes, Total	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:39	02/13/21 00:52	1
m,p-Xylenes	<0.0392	U	0.0392	0.00739	mg/Kg		02/12/21 15:39	02/13/21 00:52	1
o-Xylene	<0.0196	U	0.0196	0.00395	mg/Kg		02/12/21 15:39	02/13/21 00:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	97		70 - 130	02/12/21 15:39	02/13/21 00:52	1
4-Bromofluorobenzene (Surr)	106		70 - 130	02/12/21 15:39	02/13/21 00:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/12/21 15:21	02/13/21 07:39	1
Total TPH	<50.1	U	50.1	36.8	mg/Kg		02/12/21 15:21	02/13/21 07:39	1
>C10-C28	24.6	J b	50.1	11.5	mg/Kg		02/12/21 15:21	02/13/21 07:39	1
>C28-C35	<50.1	U	50.1	11.5	mg/Kg		02/12/21 15:21	02/13/21 07:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 135	02/12/21 15:21	02/13/21 07:39	1
o-Terphenyl	109		70 - 135	02/12/21 15:21	02/13/21 07:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135	b	10.0	0.0355	mg/Kg			02/12/21 23:56	1

Client Sample ID: S-24 1'

Lab Sample ID: 890-209-21

Date Collected: 02/10/21 12:45

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0192	U	0.0192	0.00467	mg/Kg		02/12/21 15:39	02/13/21 01:14	1
Ethylbenzene	<0.0192	U	0.0192	0.00391	mg/Kg		02/12/21 15:39	02/13/21 01:14	1
Toluene	<0.0192	U	0.0192	0.00507	mg/Kg		02/12/21 15:39	02/13/21 01:14	1
Total BTEX	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:39	02/13/21 01:14	1
Xylenes, Total	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:39	02/13/21 01:14	1
m,p-Xylenes	<0.0385	U	0.0385	0.00725	mg/Kg		02/12/21 15:39	02/13/21 01:14	1
o-Xylene	<0.0192	U	0.0192	0.00388	mg/Kg		02/12/21 15:39	02/13/21 01:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	97		70 - 130	02/12/21 15:39	02/13/21 01:14	1
4-Bromofluorobenzene (Surr)	103		70 - 130	02/12/21 15:39	02/13/21 01:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	14.5	J	49.9	13.8	mg/Kg		02/12/21 15:21	02/13/21 07:58	1
Total TPH	88.5		49.9	36.7	mg/Kg		02/12/21 15:21	02/13/21 07:58	1
>C10-C28	74.0	b	49.9	11.4	mg/Kg		02/12/21 15:21	02/13/21 07:58	1
>C28-C35	<49.9	U	49.9	11.4	mg/Kg		02/12/21 15:21	02/13/21 07:58	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-24 1'

Date Collected: 02/10/21 12:45

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-21

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 135	02/12/21 15:21	02/13/21 07:58	1
o-Terphenyl	109		70 - 135	02/12/21 15:21	02/13/21 07:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	548	b	10.0	0.0355	mg/Kg			02/13/21 00:01	1

Client Sample ID: S-25 1'

Date Collected: 02/10/21 12:50

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-22

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0189	U	0.0189	0.00458	mg/Kg		02/12/21 15:39	02/13/21 01:36	1
Ethylbenzene	<0.0189	U	0.0189	0.00383	mg/Kg		02/12/21 15:39	02/13/21 01:36	1
Toluene	<0.0189	U	0.0189	0.00498	mg/Kg		02/12/21 15:39	02/13/21 01:36	1
Total BTEX	<0.0189	U	0.0189	0.0189	mg/Kg		02/12/21 15:39	02/13/21 01:36	1
Xylenes, Total	<0.0189	U	0.0189	0.0189	mg/Kg		02/12/21 15:39	02/13/21 01:36	1
m,p-Xylenes	<0.0377	U	0.0377	0.00711	mg/Kg		02/12/21 15:39	02/13/21 01:36	1
o-Xylene	<0.0189	U	0.0189	0.00380	mg/Kg		02/12/21 15:39	02/13/21 01:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130	02/12/21 15:39	02/13/21 01:36	1
4-Bromofluorobenzene (Surr)	104		70 - 130	02/12/21 15:39	02/13/21 01:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/12/21 15:21	02/13/21 08:17	1
Total TPH	<50.1	U	50.1	36.9	mg/Kg		02/12/21 15:21	02/13/21 08:17	1
>C10-C28	33.9	J b	50.1	11.5	mg/Kg		02/12/21 15:21	02/13/21 08:17	1
>C28-C35	<50.1	U	50.1	11.5	mg/Kg		02/12/21 15:21	02/13/21 08:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 135	02/12/21 15:21	02/13/21 08:17	1
o-Terphenyl	108		70 - 135	02/12/21 15:21	02/13/21 08:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	544	b	10.0	0.0354	mg/Kg			02/13/21 00:07	1

Client Sample ID: S-26 1'

Date Collected: 02/10/21 13:40

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-23

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0182	U	0.0182	0.00441	mg/Kg		02/12/21 15:39	02/13/21 02:21	1
Ethylbenzene	<0.0182	U	0.0182	0.00369	mg/Kg		02/12/21 15:39	02/13/21 02:21	1
Toluene	<0.0182	U	0.0182	0.00480	mg/Kg		02/12/21 15:39	02/13/21 02:21	1
Total BTEX	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:39	02/13/21 02:21	1
Xylenes, Total	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:39	02/13/21 02:21	1
m,p-Xylenes	<0.0364	U	0.0364	0.00685	mg/Kg		02/12/21 15:39	02/13/21 02:21	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-26 1'

Lab Sample ID: 890-209-23

Date Collected: 02/10/21 13:40

Matrix: Solid

Date Received: 02/12/21 12:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.0182	U	0.0182	0.00366	mg/Kg		02/12/21 15:39	02/13/21 02:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130				02/12/21 15:39	02/13/21 02:21	1
4-Bromofluorobenzene (Surr)	106		70 - 130				02/12/21 15:39	02/13/21 02:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/12/21 15:21	02/13/21 08:55	1
Total TPH	71.6		50.1	36.8	mg/Kg		02/12/21 15:21	02/13/21 08:55	1
>C10-C28	56.3	b	50.1	11.5	mg/Kg		02/12/21 15:21	02/13/21 08:55	1
>C28-C35	15.3	J	50.1	11.5	mg/Kg		02/12/21 15:21	02/13/21 08:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 135				02/12/21 15:21	02/13/21 08:55	1
o-Terphenyl	110		70 - 135				02/12/21 15:21	02/13/21 08:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	247	b	9.98	0.0353	mg/Kg			02/13/21 00:13	1

Client Sample ID: S-27 1'

Lab Sample ID: 890-209-24

Date Collected: 02/10/21 13:45

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0182	U	0.0182	0.00441	mg/Kg		02/12/21 15:39	02/13/21 02:44	1
Ethylbenzene	<0.0182	U	0.0182	0.00369	mg/Kg		02/12/21 15:39	02/13/21 02:44	1
Toluene	<0.0182	U	0.0182	0.00480	mg/Kg		02/12/21 15:39	02/13/21 02:44	1
Total BTEX	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:39	02/13/21 02:44	1
Xylenes, Total	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:39	02/13/21 02:44	1
m,p-Xylenes	<0.0364	U	0.0364	0.00685	mg/Kg		02/12/21 15:39	02/13/21 02:44	1
o-Xylene	<0.0182	U	0.0182	0.00366	mg/Kg		02/12/21 15:39	02/13/21 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	95		70 - 130				02/12/21 15:39	02/13/21 02:44	1
4-Bromofluorobenzene (Surr)	104		70 - 130				02/12/21 15:39	02/13/21 02:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	19.9	J	49.9	13.9	mg/Kg		02/12/21 15:21	02/13/21 09:14	1
Total TPH	627		49.9	36.7	mg/Kg		02/12/21 15:21	02/13/21 09:14	1
>C10-C28	534	b	49.9	11.4	mg/Kg		02/12/21 15:21	02/13/21 09:14	1
>C28-C35	73.1		49.9	11.4	mg/Kg		02/12/21 15:21	02/13/21 09:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 135				02/12/21 15:21	02/13/21 09:14	1
o-Terphenyl	115		70 - 135				02/12/21 15:21	02/13/21 09:14	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-27 1'

Lab Sample ID: 890-209-24

Date Collected: 02/10/21 13:45

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1290	b	9.98	0.0353	mg/Kg			02/13/21 00:18	1

Client Sample ID: S-28 1'

Lab Sample ID: 890-209-25

Date Collected: 02/10/21 13:50

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0189	U	0.0189	0.00458	mg/Kg		02/12/21 15:39	02/13/21 03:06	1
Ethylbenzene	<0.0189	U	0.0189	0.00383	mg/Kg		02/12/21 15:39	02/13/21 03:06	1
Toluene	<0.0189	U	0.0189	0.00498	mg/Kg		02/12/21 15:39	02/13/21 03:06	1
Total BTEX	<0.0189	U	0.0189	0.0189	mg/Kg		02/12/21 15:39	02/13/21 03:06	1
Xylenes, Total	<0.0189	U	0.0189	0.0189	mg/Kg		02/12/21 15:39	02/13/21 03:06	1
m,p-Xylenes	<0.0377	U	0.0377	0.00711	mg/Kg		02/12/21 15:39	02/13/21 03:06	1
o-Xylene	<0.0189	U	0.0189	0.00380	mg/Kg		02/12/21 15:39	02/13/21 03:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/12/21 15:39	02/13/21 03:06	1
4-Bromofluorobenzene (Surr)	106		70 - 130	02/12/21 15:39	02/13/21 03:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/12/21 15:21	02/13/21 09:33	1
Total TPH	221		50.1	36.9	mg/Kg		02/12/21 15:21	02/13/21 09:33	1
>C10-C28	194	b	50.1	11.5	mg/Kg		02/12/21 15:21	02/13/21 09:33	1
>C28-C35	26.8	J	50.1	11.5	mg/Kg		02/12/21 15:21	02/13/21 09:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 135	02/12/21 15:21	02/13/21 09:33	1
o-Terphenyl	110		70 - 135	02/12/21 15:21	02/13/21 09:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	626	b	9.94	0.0352	mg/Kg			02/13/21 00:24	1

Client Sample ID: S-29 1'

Lab Sample ID: 890-209-26

Date Collected: 02/10/21 13:55

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0196	U	0.0196	0.00476	mg/Kg		02/12/21 15:39	02/13/21 03:28	1
Ethylbenzene	<0.0196	U	0.0196	0.00398	mg/Kg		02/12/21 15:39	02/13/21 03:28	1
Toluene	<0.0196	U	0.0196	0.00517	mg/Kg		02/12/21 15:39	02/13/21 03:28	1
Total BTEX	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:39	02/13/21 03:28	1
Xylenes, Total	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:39	02/13/21 03:28	1
m,p-Xylenes	<0.0392	U	0.0392	0.00739	mg/Kg		02/12/21 15:39	02/13/21 03:28	1
o-Xylene	<0.0196	U	0.0196	0.00395	mg/Kg		02/12/21 15:39	02/13/21 03:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/12/21 15:39	02/13/21 03:28	1
4-Bromofluorobenzene (Surr)	103		70 - 130	02/12/21 15:39	02/13/21 03:28	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-29 1'

Lab Sample ID: 890-209-26

Date Collected: 02/10/21 13:55

Matrix: Solid

Date Received: 02/12/21 12:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	13.8	mg/Kg		02/12/21 15:21	02/13/21 09:52	1
Total TPH	262		49.8	36.6	mg/Kg		02/12/21 15:21	02/13/21 09:52	1
>C10-C28	228	b	49.8	11.4	mg/Kg		02/12/21 15:21	02/13/21 09:52	1
>C28-C35	33.5	J	49.8	11.4	mg/Kg		02/12/21 15:21	02/13/21 09:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 135	02/12/21 15:21	02/13/21 09:52	1
o-Terphenyl	112		70 - 135	02/12/21 15:21	02/13/21 09:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	924	b	9.98	0.0353	mg/Kg			02/13/21 00:41	1

Client Sample ID: S-30 1'

Lab Sample ID: 890-209-27

Date Collected: 02/11/21 09:30

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0196	U	0.0196	0.00476	mg/Kg		02/12/21 15:39	02/13/21 03:51	1
Ethylbenzene	<0.0196	U	0.0196	0.00398	mg/Kg		02/12/21 15:39	02/13/21 03:51	1
Toluene	<0.0196	U	0.0196	0.00517	mg/Kg		02/12/21 15:39	02/13/21 03:51	1
Total BTEX	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:39	02/13/21 03:51	1
Xylenes, Total	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:39	02/13/21 03:51	1
m,p-Xylenes	<0.0392	U	0.0392	0.00739	mg/Kg		02/12/21 15:39	02/13/21 03:51	1
o-Xylene	<0.0196	U	0.0196	0.00395	mg/Kg		02/12/21 15:39	02/13/21 03:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130	02/12/21 15:39	02/13/21 03:51	1
4-Bromofluorobenzene (Surr)	105		70 - 130	02/12/21 15:39	02/13/21 03:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	28.4	J	49.8	13.8	mg/Kg		02/12/21 15:21	02/13/21 10:11	1
Total TPH	234		49.8	36.6	mg/Kg		02/12/21 15:21	02/13/21 10:11	1
>C10-C28	190	b	49.8	11.4	mg/Kg		02/12/21 15:21	02/13/21 10:11	1
>C28-C35	15.9	J	49.8	11.4	mg/Kg		02/12/21 15:21	02/13/21 10:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 135	02/12/21 15:21	02/13/21 10:11	1
o-Terphenyl	115		70 - 135	02/12/21 15:21	02/13/21 10:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	393	b	10.1	0.0358	mg/Kg			02/13/21 00:47	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-31 1'

Lab Sample ID: 890-209-28

Date Collected: 02/11/21 09:35

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0192	U	0.0192	0.00467	mg/Kg		02/12/21 15:39	02/13/21 04:13	1
Ethylbenzene	<0.0192	U	0.0192	0.00391	mg/Kg		02/12/21 15:39	02/13/21 04:13	1
Toluene	<0.0192	U	0.0192	0.00507	mg/Kg		02/12/21 15:39	02/13/21 04:13	1
Total BTEX	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:39	02/13/21 04:13	1
Xylenes, Total	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:39	02/13/21 04:13	1
m,p-Xylenes	<0.0385	U	0.0385	0.00725	mg/Kg		02/12/21 15:39	02/13/21 04:13	1
o-Xylene	<0.0192	U	0.0192	0.00388	mg/Kg		02/12/21 15:39	02/13/21 04:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	02/12/21 15:39	02/13/21 04:13	1
4-Bromofluorobenzene (Surr)	105		70 - 130	02/12/21 15:39	02/13/21 04:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/17/21 07:41	02/17/21 12:32	1
Total TPH	355		50.1	36.8	mg/Kg		02/17/21 07:41	02/17/21 12:32	1
>C10-C28	324		50.1	11.5	mg/Kg		02/17/21 07:41	02/17/21 12:32	1
>C28-C35	31.4	J	50.1	11.5	mg/Kg		02/17/21 07:41	02/17/21 12:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 135	02/17/21 07:41	02/17/21 12:32	1
o-Terphenyl	101		70 - 135	02/17/21 07:41	02/17/21 12:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1070	b	10.1	0.0358	mg/Kg			02/13/21 01:04	1

Client Sample ID: S-32 1'

Lab Sample ID: 890-209-29

Date Collected: 02/10/21 14:00

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0196	U	0.0196	0.00476	mg/Kg		02/12/21 15:52	02/13/21 06:05	1
Ethylbenzene	<0.0196	U	0.0196	0.00398	mg/Kg		02/12/21 15:52	02/13/21 06:05	1
Toluene	<0.0196	U	0.0196	0.00517	mg/Kg		02/12/21 15:52	02/13/21 06:05	1
Total BTEX	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:52	02/13/21 06:05	1
Xylenes, Total	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:52	02/13/21 06:05	1
m,p-Xylenes	<0.0392	U	0.0392	0.00739	mg/Kg		02/12/21 15:52	02/13/21 06:05	1
o-Xylene	<0.0196	U	0.0196	0.00395	mg/Kg		02/12/21 15:52	02/13/21 06:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	96		70 - 130	02/12/21 15:52	02/13/21 06:05	1
4-Bromofluorobenzene (Surr)	101		70 - 130	02/12/21 15:52	02/13/21 06:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.9	U	49.9	13.8	mg/Kg		02/17/21 07:41	02/17/21 13:31	1
Total TPH	381		49.9	36.7	mg/Kg		02/17/21 07:41	02/17/21 13:31	1
>C10-C28	331		49.9	11.4	mg/Kg		02/17/21 07:41	02/17/21 13:31	1
>C28-C35	49.5	J	49.9	11.4	mg/Kg		02/17/21 07:41	02/17/21 13:31	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-32 1'

Date Collected: 02/10/21 14:00

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-29

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 135	02/17/21 07:41	02/17/21 13:31	1
o-Terphenyl	100		70 - 135	02/17/21 07:41	02/17/21 13:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	927	b	9.98	0.0353	mg/Kg			02/13/21 01:09	1

Client Sample ID: S-33 1'

Date Collected: 02/10/21 14:05

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-30

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0185	U	0.0185	0.00450	mg/Kg		02/12/21 15:52	02/13/21 07:12	1
Ethylbenzene	<0.0185	U	0.0185	0.00376	mg/Kg		02/12/21 15:52	02/13/21 07:12	1
Toluene	<0.0185	U	0.0185	0.00489	mg/Kg		02/12/21 15:52	02/13/21 07:12	1
Total BTEX	<0.0185	U	0.0185	0.0185	mg/Kg		02/12/21 15:52	02/13/21 07:12	1
Xylenes, Total	<0.0185	U	0.0185	0.0185	mg/Kg		02/12/21 15:52	02/13/21 07:12	1
m,p-Xylenes	<0.0370	U	0.0370	0.00698	mg/Kg		02/12/21 15:52	02/13/21 07:12	1
o-Xylene	<0.0185	U	0.0185	0.00373	mg/Kg		02/12/21 15:52	02/13/21 07:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	93		70 - 130	02/12/21 15:52	02/13/21 07:12	1
4-Bromofluorobenzene (Surr)	98		70 - 130	02/12/21 15:52	02/13/21 07:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	13.9	mg/Kg		02/17/21 07:41	02/17/21 13:50	1
Total TPH	712		50.0	36.8	mg/Kg		02/17/21 07:41	02/17/21 13:50	1
>C10-C28	620		50.0	11.5	mg/Kg		02/17/21 07:41	02/17/21 13:50	1
>C28-C35	91.9		50.0	11.4	mg/Kg		02/17/21 07:41	02/17/21 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 135	02/17/21 07:41	02/17/21 13:50	1
o-Terphenyl	108		70 - 135	02/17/21 07:41	02/17/21 13:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1470	b	9.96	0.0353	mg/Kg			02/13/21 01:15	1

Client Sample ID: S-34 1'

Date Collected: 02/10/21 14:10

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-31

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0178	U	0.0178	0.00433	mg/Kg		02/12/21 15:52	02/13/21 07:35	1
Ethylbenzene	<0.0178	U	0.0178	0.00362	mg/Kg		02/12/21 15:52	02/13/21 07:35	1
Toluene	<0.0178	U	0.0178	0.00470	mg/Kg		02/12/21 15:52	02/13/21 07:35	1
Total BTEX	<0.0178	U	0.0178	0.0178	mg/Kg		02/12/21 15:52	02/13/21 07:35	1
Xylenes, Total	<0.0178	U	0.0178	0.0178	mg/Kg		02/12/21 15:52	02/13/21 07:35	1
m,p-Xylenes	<0.0357	U	0.0357	0.00672	mg/Kg		02/12/21 15:52	02/13/21 07:35	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-34 1'

Lab Sample ID: 890-209-31

Date Collected: 02/10/21 14:10

Matrix: Solid

Date Received: 02/12/21 12:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.0178	U	0.0178	0.00359	mg/Kg		02/12/21 15:52	02/13/21 07:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130				02/12/21 15:52	02/13/21 07:35	1
4-Bromofluorobenzene (Surr)	103		70 - 130				02/12/21 15:52	02/13/21 07:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	13.8	mg/Kg		02/17/21 07:41	02/17/21 14:10	1
Total TPH	402		49.8	36.7	mg/Kg		02/17/21 07:41	02/17/21 14:10	1
>C10-C28	351		49.8	11.4	mg/Kg		02/17/21 07:41	02/17/21 14:10	1
>C28-C35	50.9		49.8	11.4	mg/Kg		02/17/21 07:41	02/17/21 14:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 135				02/17/21 07:41	02/17/21 14:10	1
o-Terphenyl	103		70 - 135				02/17/21 07:41	02/17/21 14:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1010	b	9.98	0.0353	mg/Kg			02/13/21 01:21	1

Client Sample ID: S-35 1.5' R

Lab Sample ID: 890-209-32

Date Collected: 02/11/21 09:40

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0196	U	0.0196	0.00476	mg/Kg		02/12/21 15:52	02/13/21 07:57	1
Ethylbenzene	<0.0196	U	0.0196	0.00398	mg/Kg		02/12/21 15:52	02/13/21 07:57	1
Toluene	<0.0196	U	0.0196	0.00517	mg/Kg		02/12/21 15:52	02/13/21 07:57	1
Total BTEX	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:52	02/13/21 07:57	1
Xylenes, Total	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:52	02/13/21 07:57	1
m,p-Xylenes	<0.0392	U	0.0392	0.00739	mg/Kg		02/12/21 15:52	02/13/21 07:57	1
o-Xylene	<0.0196	U	0.0196	0.00395	mg/Kg		02/12/21 15:52	02/13/21 07:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	96		70 - 130				02/12/21 15:52	02/13/21 07:57	1
4-Bromofluorobenzene (Surr)	103		70 - 130				02/12/21 15:52	02/13/21 07:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	13.8	mg/Kg		02/17/21 07:41	02/17/21 14:30	1
Total TPH	150		49.8	36.7	mg/Kg		02/17/21 07:41	02/17/21 14:30	1
>C10-C28	130		49.8	11.4	mg/Kg		02/17/21 07:41	02/17/21 14:30	1
>C28-C35	20.1	J	49.8	11.4	mg/Kg		02/17/21 07:41	02/17/21 14:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 135				02/17/21 07:41	02/17/21 14:30	1
o-Terphenyl	111		70 - 135				02/17/21 07:41	02/17/21 14:30	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-35 1.5' R

Lab Sample ID: 890-209-32

Date Collected: 02/11/21 09:40

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	363	b	9.96	0.0353	mg/Kg			02/13/21 01:26	1

Client Sample ID: S-36 1.5' R'

Lab Sample ID: 890-209-33

Date Collected: 02/11/21 09:45

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0192	U	0.0192	0.00467	mg/Kg		02/12/21 15:52	02/13/21 08:20	1
Ethylbenzene	<0.0192	U	0.0192	0.00391	mg/Kg		02/12/21 15:52	02/13/21 08:20	1
Toluene	<0.0192	U	0.0192	0.00507	mg/Kg		02/12/21 15:52	02/13/21 08:20	1
Total BTEX	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:52	02/13/21 08:20	1
Xylenes, Total	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:52	02/13/21 08:20	1
m,p-Xylenes	<0.0385	U	0.0385	0.00725	mg/Kg		02/12/21 15:52	02/13/21 08:20	1
o-Xylene	<0.0192	U	0.0192	0.00388	mg/Kg		02/12/21 15:52	02/13/21 08:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	101		70 - 130	02/12/21 15:52	02/13/21 08:20	1
4-Bromofluorobenzene (Surr)	105		70 - 130	02/12/21 15:52	02/13/21 08:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/17/21 07:41	02/17/21 15:09	1
Total TPH	276		50.1	36.8	mg/Kg		02/17/21 07:41	02/17/21 15:09	1
>C10-C28	237		50.1	11.5	mg/Kg		02/17/21 07:41	02/17/21 15:09	1
>C28-C35	38.6	J	50.1	11.5	mg/Kg		02/17/21 07:41	02/17/21 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 135	02/17/21 07:41	02/17/21 15:09	1
o-Terphenyl	107		70 - 135	02/17/21 07:41	02/17/21 15:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	589	b	9.98	0.0353	mg/Kg			02/13/21 01:32	1

Client Sample ID: S-37 1'

Lab Sample ID: 890-209-34

Date Collected: 02/11/21 09:50

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200	0.00486	mg/Kg		02/12/21 15:52	02/13/21 09:04	1
Ethylbenzene	<0.0200	U	0.0200	0.00406	mg/Kg		02/12/21 15:52	02/13/21 09:04	1
Toluene	<0.0200	U	0.0200	0.00528	mg/Kg		02/12/21 15:52	02/13/21 09:04	1
Total BTEX	<0.0200	U	0.0200	0.0200	mg/Kg		02/12/21 15:52	02/13/21 09:04	1
Xylenes, Total	<0.0200	U	0.0200	0.0200	mg/Kg		02/12/21 15:52	02/13/21 09:04	1
m,p-Xylenes	<0.0400	U	0.0400	0.00754	mg/Kg		02/12/21 15:52	02/13/21 09:04	1
o-Xylene	<0.0200	U	0.0200	0.00403	mg/Kg		02/12/21 15:52	02/13/21 09:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/12/21 15:52	02/13/21 09:04	1
4-Bromofluorobenzene (Surr)	104		70 - 130	02/12/21 15:52	02/13/21 09:04	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-37 1'

Lab Sample ID: 890-209-34

Date Collected: 02/11/21 09:50

Matrix: Solid

Date Received: 02/12/21 12:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/17/21 07:41	02/17/21 15:29	1
Total TPH	372		50.1	36.9	mg/Kg		02/17/21 07:41	02/17/21 15:29	1
>C10-C28	326		50.1	11.5	mg/Kg		02/17/21 07:41	02/17/21 15:29	1
>C28-C35	46.4	J	50.1	11.5	mg/Kg		02/17/21 07:41	02/17/21 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 135	02/17/21 07:41	02/17/21 15:29	1
o-Terphenyl	115		70 - 135	02/17/21 07:41	02/17/21 15:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	779	b	9.96	0.0353	mg/Kg			02/13/21 01:38	1

Client Sample ID: S-38 1.5'

Lab Sample ID: 890-209-35

Date Collected: 02/11/21 09:55

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0196	U	0.0196	0.00476	mg/Kg		02/12/21 15:52	02/13/21 09:27	1
Ethylbenzene	<0.0196	U	0.0196	0.00398	mg/Kg		02/12/21 15:52	02/13/21 09:27	1
Toluene	<0.0196	U	0.0196	0.00517	mg/Kg		02/12/21 15:52	02/13/21 09:27	1
Total BTEX	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:52	02/13/21 09:27	1
Xylenes, Total	<0.0196	U	0.0196	0.0196	mg/Kg		02/12/21 15:52	02/13/21 09:27	1
m,p-Xylenes	<0.0392	U	0.0392	0.00739	mg/Kg		02/12/21 15:52	02/13/21 09:27	1
o-Xylene	<0.0196	U	0.0196	0.00395	mg/Kg		02/12/21 15:52	02/13/21 09:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/12/21 15:52	02/13/21 09:27	1
4-Bromofluorobenzene (Surr)	104		70 - 130	02/12/21 15:52	02/13/21 09:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/17/21 07:41	02/17/21 15:48	1
Total TPH	205		50.1	36.8	mg/Kg		02/17/21 07:41	02/17/21 15:48	1
>C10-C28	179		50.1	11.5	mg/Kg		02/17/21 07:41	02/17/21 15:48	1
>C28-C35	26.1	J	50.1	11.5	mg/Kg		02/17/21 07:41	02/17/21 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 135	02/17/21 07:41	02/17/21 15:48	1
o-Terphenyl	112		70 - 135	02/17/21 07:41	02/17/21 15:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	647	b	9.90	0.0350	mg/Kg			02/13/21 02:12	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-39 1'

Lab Sample ID: 890-209-36

Date Collected: 02/11/21 10:00

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0192	U	0.0192	0.00467	mg/Kg		02/12/21 15:52	02/13/21 09:49	1
Ethylbenzene	<0.0192	U	0.0192	0.00391	mg/Kg		02/12/21 15:52	02/13/21 09:49	1
Toluene	<0.0192	U	0.0192	0.00507	mg/Kg		02/12/21 15:52	02/13/21 09:49	1
Total BTEX	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:52	02/13/21 09:49	1
Xylenes, Total	<0.0192	U	0.0192	0.0192	mg/Kg		02/12/21 15:52	02/13/21 09:49	1
m,p-Xylenes	<0.0385	U	0.0385	0.00725	mg/Kg		02/12/21 15:52	02/13/21 09:49	1
o-Xylene	<0.0192	U	0.0192	0.00388	mg/Kg		02/12/21 15:52	02/13/21 09:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/12/21 15:52	02/13/21 09:49	1
4-Bromofluorobenzene (Surr)	104		70 - 130	02/12/21 15:52	02/13/21 09:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	35.5	J	50.0	13.9	mg/Kg		02/17/21 07:41	02/17/21 16:26	1
Total TPH	339		50.0	36.8	mg/Kg		02/17/21 07:41	02/17/21 16:26	1
>C10-C28	259		50.0	11.5	mg/Kg		02/17/21 07:41	02/17/21 16:26	1
>C28-C35	44.1	J	50.0	11.4	mg/Kg		02/17/21 07:41	02/17/21 16:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 135	02/17/21 07:41	02/17/21 16:26	1
o-Terphenyl	110		70 - 135	02/17/21 07:41	02/17/21 16:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	558	b	9.98	0.0353	mg/Kg			02/13/21 02:29	1

Client Sample ID: S-40 1'

Lab Sample ID: 890-209-37

Date Collected: 02/11/21 10:05

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0182	U	0.0182	0.00441	mg/Kg		02/12/21 15:52	02/13/21 10:12	1
Ethylbenzene	<0.0182	U	0.0182	0.00369	mg/Kg		02/12/21 15:52	02/13/21 10:12	1
Toluene	<0.0182	U	0.0182	0.00480	mg/Kg		02/12/21 15:52	02/13/21 10:12	1
Total BTEX	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:52	02/13/21 10:12	1
Xylenes, Total	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:52	02/13/21 10:12	1
m,p-Xylenes	<0.0364	U	0.0364	0.00685	mg/Kg		02/12/21 15:52	02/13/21 10:12	1
o-Xylene	<0.0182	U	0.0182	0.00366	mg/Kg		02/12/21 15:52	02/13/21 10:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/12/21 15:52	02/13/21 10:12	1
4-Bromofluorobenzene (Surr)	105		70 - 130	02/12/21 15:52	02/13/21 10:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	19.2	J	50.0	13.9	mg/Kg		02/17/21 07:41	02/17/21 17:01	1
Total TPH	191		50.0	36.8	mg/Kg		02/17/21 07:41	02/17/21 17:01	1
>C10-C28	143		50.0	11.5	mg/Kg		02/17/21 07:41	02/17/21 17:01	1
>C28-C35	29.1	J	50.0	11.4	mg/Kg		02/17/21 07:41	02/17/21 17:01	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-40 1'

Date Collected: 02/11/21 10:05

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-37

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 135	02/17/21 07:41	02/17/21 17:01	1
o-Terphenyl	114		70 - 135	02/17/21 07:41	02/17/21 17:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	344	b	9.96	0.0353	mg/Kg			02/13/21 02:35	1

Client Sample ID: S-41 1.5'

Date Collected: 02/11/21 10:10

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-38

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00747	J	0.0182	0.00441	mg/Kg		02/12/21 15:52	02/13/21 10:34	1
Ethylbenzene	<0.0182	U	0.0182	0.00369	mg/Kg		02/12/21 15:52	02/13/21 10:34	1
Toluene	<0.0182	U	0.0182	0.00480	mg/Kg		02/12/21 15:52	02/13/21 10:34	1
Total BTEX	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:52	02/13/21 10:34	1
Xylenes, Total	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:52	02/13/21 10:34	1
m,p-Xylenes	<0.0364	U	0.0364	0.00685	mg/Kg		02/12/21 15:52	02/13/21 10:34	1
o-Xylene	<0.0182	U	0.0182	0.00366	mg/Kg		02/12/21 15:52	02/13/21 10:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130	02/12/21 15:52	02/13/21 10:34	1
4-Bromofluorobenzene (Surr)	108		70 - 130	02/12/21 15:52	02/13/21 10:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/17/21 07:41	02/17/21 17:23	1
Total TPH	166		50.1	36.8	mg/Kg		02/17/21 07:41	02/17/21 17:23	1
>C10-C28	145		50.1	11.5	mg/Kg		02/17/21 07:41	02/17/21 17:23	1
>C28-C35	20.6	J	50.1	11.5	mg/Kg		02/17/21 07:41	02/17/21 17:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 135	02/17/21 07:41	02/17/21 17:23	1
o-Terphenyl	113		70 - 135	02/17/21 07:41	02/17/21 17:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	843	b	9.98	0.0353	mg/Kg			02/13/21 02:40	1

Client Sample ID: S-42 2'

Date Collected: 02/11/21 10:15

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-39

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0179	U	0.0179	0.00433	mg/Kg		02/12/21 15:52	02/13/21 10:57	1
Ethylbenzene	<0.0179	U	0.0179	0.00363	mg/Kg		02/12/21 15:52	02/13/21 10:57	1
Toluene	<0.0179	U	0.0179	0.00471	mg/Kg		02/12/21 15:52	02/13/21 10:57	1
Total BTEX	<0.0179	U	0.0179	0.0179	mg/Kg		02/12/21 15:52	02/13/21 10:57	1
Xylenes, Total	<0.0179	U	0.0179	0.0179	mg/Kg		02/12/21 15:52	02/13/21 10:57	1
m,p-Xylenes	<0.0357	U	0.0357	0.00673	mg/Kg		02/12/21 15:52	02/13/21 10:57	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-42 2'

Lab Sample ID: 890-209-39

Date Collected: 02/11/21 10:15

Matrix: Solid

Date Received: 02/12/21 12:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.0179	U	0.0179	0.00360	mg/Kg		02/12/21 15:52	02/13/21 10:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	97		70 - 130				02/12/21 15:52	02/13/21 10:57	1
4-Bromofluorobenzene (Surr)	102		70 - 130				02/12/21 15:52	02/13/21 10:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	13.9	mg/Kg		02/17/21 07:41	02/17/21 17:42	1
Total TPH	107		50.0	36.8	mg/Kg		02/17/21 07:41	02/17/21 17:42	1
>C10-C28	94.2		50.0	11.5	mg/Kg		02/17/21 07:41	02/17/21 17:42	1
>C28-C35	13.0	J	50.0	11.5	mg/Kg		02/17/21 07:41	02/17/21 17:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 135				02/17/21 07:41	02/17/21 17:42	1
o-Terphenyl	109		70 - 135				02/17/21 07:41	02/17/21 17:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	782	b	9.92	0.0351	mg/Kg			02/13/21 02:46	1

Client Sample ID: S-43 2'

Lab Sample ID: 890-209-40

Date Collected: 02/11/21 10:30

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0175	U	0.0175	0.00426	mg/Kg		02/12/21 15:52	02/13/21 11:19	1
Ethylbenzene	<0.0175	U	0.0175	0.00356	mg/Kg		02/12/21 15:52	02/13/21 11:19	1
Toluene	<0.0175	U	0.0175	0.00463	mg/Kg		02/12/21 15:52	02/13/21 11:19	1
Total BTEX	<0.0175	U	0.0175	0.0175	mg/Kg		02/12/21 15:52	02/13/21 11:19	1
Xylenes, Total	<0.0175	U	0.0175	0.0175	mg/Kg		02/12/21 15:52	02/13/21 11:19	1
m,p-Xylenes	<0.0351	U	0.0351	0.00661	mg/Kg		02/12/21 15:52	02/13/21 11:19	1
o-Xylene	<0.0175	U	0.0175	0.00354	mg/Kg		02/12/21 15:52	02/13/21 11:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	94		70 - 130				02/12/21 15:52	02/13/21 11:19	1
4-Bromofluorobenzene (Surr)	104		70 - 130				02/12/21 15:52	02/13/21 11:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/17/21 08:02	02/17/21 14:10	1
Total TPH	<50.1	U	50.1	36.8	mg/Kg		02/17/21 08:02	02/17/21 14:10	1
>C10-C28	<50.1	U	50.1	11.5	mg/Kg		02/17/21 08:02	02/17/21 14:10	1
>C28-C35	<50.1	U	50.1	11.5	mg/Kg		02/17/21 08:02	02/17/21 14:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 135				02/17/21 08:02	02/17/21 14:10	1
o-Terphenyl	91		70 - 135				02/17/21 08:02	02/17/21 14:10	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-43 2'

Date Collected: 02/11/21 10:30

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-40

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	336	b	9.96	0.0353	mg/Kg			02/13/21 03:03	1

Client Sample ID: S-44 2'

Date Collected: 02/11/21 10:35

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-41

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0172	U	0.0172	0.00419	mg/Kg		02/12/21 15:52	02/13/21 11:41	1
Ethylbenzene	<0.0172	U	0.0172	0.00350	mg/Kg		02/12/21 15:52	02/13/21 11:41	1
Toluene	<0.0172	U	0.0172	0.00455	mg/Kg		02/12/21 15:52	02/13/21 11:41	1
Total BTEX	<0.0172	U	0.0172	0.0172	mg/Kg		02/12/21 15:52	02/13/21 11:41	1
Xylenes, Total	<0.0172	U	0.0172	0.0172	mg/Kg		02/12/21 15:52	02/13/21 11:41	1
m,p-Xylenes	<0.0345	U	0.0345	0.00650	mg/Kg		02/12/21 15:52	02/13/21 11:41	1
o-Xylene	<0.0172	U	0.0172	0.00348	mg/Kg		02/12/21 15:52	02/13/21 11:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/12/21 15:52	02/13/21 11:41	1
4-Bromofluorobenzene (Surr)	104		70 - 130	02/12/21 15:52	02/13/21 11:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/17/21 08:02	02/17/21 14:30	1
Total TPH	<50.1	U	50.1	36.9	mg/Kg		02/17/21 08:02	02/17/21 14:30	1
>C10-C28	<50.1	U	50.1	11.5	mg/Kg		02/17/21 08:02	02/17/21 14:30	1
>C28-C35	<50.1	U	50.1	11.5	mg/Kg		02/17/21 08:02	02/17/21 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 135	02/17/21 08:02	02/17/21 14:30	1
o-Terphenyl	93		70 - 135	02/17/21 08:02	02/17/21 14:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	599	b	9.98	0.0353	mg/Kg			02/13/21 03:09	1

Client Sample ID: E.SW 2'

Date Collected: 02/11/21 10:40

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-42

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0182	U	0.0182	0.00441	mg/Kg		02/12/21 15:52	02/13/21 12:04	1
Ethylbenzene	<0.0182	U	0.0182	0.00369	mg/Kg		02/12/21 15:52	02/13/21 12:04	1
Toluene	<0.0182	U	0.0182	0.00480	mg/Kg		02/12/21 15:52	02/13/21 12:04	1
Total BTEX	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:52	02/13/21 12:04	1
Xylenes, Total	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:52	02/13/21 12:04	1
m,p-Xylenes	<0.0364	U	0.0364	0.00685	mg/Kg		02/12/21 15:52	02/13/21 12:04	1
o-Xylene	<0.0182	U	0.0182	0.00366	mg/Kg		02/12/21 15:52	02/13/21 12:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	95		70 - 130	02/12/21 15:52	02/13/21 12:04	1
4-Bromofluorobenzene (Surr)	102		70 - 130	02/12/21 15:52	02/13/21 12:04	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: E.SW 2'

Lab Sample ID: 890-209-42

Date Collected: 02/11/21 10:40

Matrix: Solid

Date Received: 02/12/21 12:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/17/21 08:02	02/17/21 15:09	1
Total TPH	310		50.1	36.8	mg/Kg		02/17/21 08:02	02/17/21 15:09	1
>C10-C28	258		50.1	11.5	mg/Kg		02/17/21 08:02	02/17/21 15:09	1
>C28-C35	52.4		50.1	11.5	mg/Kg		02/17/21 08:02	02/17/21 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 135	02/17/21 08:02	02/17/21 15:09	1
o-Terphenyl	97		70 - 135	02/17/21 08:02	02/17/21 15:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	569	b	9.92	0.0351	mg/Kg			02/13/21 03:14	1

Client Sample ID: W.SW-1 1'

Lab Sample ID: 890-209-43

Date Collected: 02/10/21 09:30

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0182	U	0.0182	0.00441	mg/Kg		02/12/21 15:52	02/13/21 12:26	1
Ethylbenzene	<0.0182	U	0.0182	0.00369	mg/Kg		02/12/21 15:52	02/13/21 12:26	1
Toluene	<0.0182	U	0.0182	0.00480	mg/Kg		02/12/21 15:52	02/13/21 12:26	1
Total BTEX	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:52	02/13/21 12:26	1
Xylenes, Total	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:52	02/13/21 12:26	1
m,p-Xylenes	<0.0364	U	0.0364	0.00685	mg/Kg		02/12/21 15:52	02/13/21 12:26	1
o-Xylene	<0.0182	U	0.0182	0.00366	mg/Kg		02/12/21 15:52	02/13/21 12:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130	02/12/21 15:52	02/13/21 12:26	1
4-Bromofluorobenzene (Surr)	105		70 - 130	02/12/21 15:52	02/13/21 12:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	22.1	J b	49.9	13.9	mg/Kg		02/17/21 08:02	02/17/21 15:29	1
Total TPH	<49.9	U	49.9	36.7	mg/Kg		02/17/21 08:02	02/17/21 15:29	1
>C10-C28	<49.9	U	49.9	11.4	mg/Kg		02/17/21 08:02	02/17/21 15:29	1
>C28-C35	<49.9	U	49.9	11.4	mg/Kg		02/17/21 08:02	02/17/21 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 135	02/17/21 08:02	02/17/21 15:29	1
o-Terphenyl	109		70 - 135	02/17/21 08:02	02/17/21 15:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.2	b	10.0	0.0355	mg/Kg			02/13/21 03:20	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: W.SW-2 1'

Lab Sample ID: 890-209-44

Date Collected: 02/10/21 10:25

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0185	U	0.0185	0.00450	mg/Kg		02/12/21 15:52	02/13/21 13:11	1
Ethylbenzene	<0.0185	U	0.0185	0.00376	mg/Kg		02/12/21 15:52	02/13/21 13:11	1
Toluene	<0.0185	U	0.0185	0.00489	mg/Kg		02/12/21 15:52	02/13/21 13:11	1
Total BTEX	<0.0185	U	0.0185	0.0185	mg/Kg		02/12/21 15:52	02/13/21 13:11	1
Xylenes, Total	<0.0185	U	0.0185	0.0185	mg/Kg		02/12/21 15:52	02/13/21 13:11	1
m,p-Xylenes	<0.0370	U	0.0370	0.00698	mg/Kg		02/12/21 15:52	02/13/21 13:11	1
o-Xylene	<0.0185	U	0.0185	0.00373	mg/Kg		02/12/21 15:52	02/13/21 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	97		70 - 130	02/12/21 15:52	02/13/21 13:11	1
4-Bromofluorobenzene (Surr)	106		70 - 130	02/12/21 15:52	02/13/21 13:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/17/21 08:02	02/17/21 15:48	1
Total TPH	<50.1	U	50.1	36.8	mg/Kg		02/17/21 08:02	02/17/21 15:48	1
>C10-C28	<50.1	U	50.1	11.5	mg/Kg		02/17/21 08:02	02/17/21 15:48	1
>C28-C35	<50.1	U	50.1	11.5	mg/Kg		02/17/21 08:02	02/17/21 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 135	02/17/21 08:02	02/17/21 15:48	1
o-Terphenyl	97		70 - 135	02/17/21 08:02	02/17/21 15:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.9	b	10.1	0.0357	mg/Kg			02/13/21 03:26	1

Client Sample ID: N.SW-1 1'

Lab Sample ID: 890-209-45

Date Collected: 02/10/21 13:15

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0182	U	0.0182	0.00441	mg/Kg		02/12/21 15:52	02/13/21 13:34	1
Ethylbenzene	<0.0182	U	0.0182	0.00369	mg/Kg		02/12/21 15:52	02/13/21 13:34	1
Toluene	<0.0182	U	0.0182	0.00480	mg/Kg		02/12/21 15:52	02/13/21 13:34	1
Total BTEX	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:52	02/13/21 13:34	1
Xylenes, Total	<0.0182	U	0.0182	0.0182	mg/Kg		02/12/21 15:52	02/13/21 13:34	1
m,p-Xylenes	<0.0364	U	0.0364	0.00685	mg/Kg		02/12/21 15:52	02/13/21 13:34	1
o-Xylene	<0.0182	U	0.0182	0.00366	mg/Kg		02/12/21 15:52	02/13/21 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	02/12/21 15:52	02/13/21 13:34	1
4-Bromofluorobenzene (Surr)	107		70 - 130	02/12/21 15:52	02/13/21 13:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	16.0	J b	50.1	13.9	mg/Kg		02/17/21 08:02	02/17/21 16:26	1
Total TPH	127		50.1	36.9	mg/Kg		02/17/21 08:02	02/17/21 16:26	1
>C10-C28	80.9		50.1	11.5	mg/Kg		02/17/21 08:02	02/17/21 16:26	1
>C28-C35	30.0	J	50.1	11.5	mg/Kg		02/17/21 08:02	02/17/21 16:26	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: N.SW-1 1'

Lab Sample ID: 890-209-45

Date Collected: 02/10/21 13:15

Matrix: Solid

Date Received: 02/12/21 12:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 135	02/17/21 08:02	02/17/21 16:26	1
o-Terphenyl	93		70 - 135	02/17/21 08:02	02/17/21 16:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	335	b	9.94	0.0352	mg/Kg			02/13/21 03:31	1

Client Sample ID: N.SW-2 1'

Lab Sample ID: 890-209-46

Date Collected: 02/10/21 15:05

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0179	U	0.0179	0.00433	mg/Kg		02/12/21 15:52	02/13/21 13:56	1
Ethylbenzene	<0.0179	U	0.0179	0.00363	mg/Kg		02/12/21 15:52	02/13/21 13:56	1
Toluene	<0.0179	U	0.0179	0.00471	mg/Kg		02/12/21 15:52	02/13/21 13:56	1
Total BTEX	<0.0179	U	0.0179	0.0179	mg/Kg		02/12/21 15:52	02/13/21 13:56	1
Xylenes, Total	<0.0179	U	0.0179	0.0179	mg/Kg		02/12/21 15:52	02/13/21 13:56	1
m,p-Xylenes	<0.0357	U	0.0357	0.00673	mg/Kg		02/12/21 15:52	02/13/21 13:56	1
o-Xylene	<0.0179	U	0.0179	0.00360	mg/Kg		02/12/21 15:52	02/13/21 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	95		70 - 130	02/12/21 15:52	02/13/21 13:56	1
4-Bromofluorobenzene (Surr)	104		70 - 130	02/12/21 15:52	02/13/21 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	13.9	mg/Kg		02/17/21 08:02	02/17/21 17:01	1
Total TPH	253		50.1	36.9	mg/Kg		02/17/21 08:02	02/17/21 17:01	1
>C10-C28	212		50.1	11.5	mg/Kg		02/17/21 08:02	02/17/21 17:01	1
>C28-C35	41.1	J	50.1	11.5	mg/Kg		02/17/21 08:02	02/17/21 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 135	02/17/21 08:02	02/17/21 17:01	1
o-Terphenyl	99		70 - 135	02/17/21 08:02	02/17/21 17:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710	b	10.0	0.0354	mg/Kg			02/13/21 03:48	1

Client Sample ID: S.SW-1 1'

Lab Sample ID: 890-209-47

Date Collected: 02/10/21 13:10

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0179	U	0.0179	0.00433	mg/Kg		02/12/21 15:52	02/13/21 14:18	1
Ethylbenzene	<0.0179	U	0.0179	0.00363	mg/Kg		02/12/21 15:52	02/13/21 14:18	1
Toluene	<0.0179	U	0.0179	0.00471	mg/Kg		02/12/21 15:52	02/13/21 14:18	1
Total BTEX	<0.0179	U	0.0179	0.0179	mg/Kg		02/12/21 15:52	02/13/21 14:18	1
Xylenes, Total	<0.0179	U	0.0179	0.0179	mg/Kg		02/12/21 15:52	02/13/21 14:18	1
m,p-Xylenes	<0.0357	U	0.0357	0.00673	mg/Kg		02/12/21 15:52	02/13/21 14:18	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S.SW-1 1'

Lab Sample ID: 890-209-47

Date Collected: 02/10/21 13:10

Matrix: Solid

Date Received: 02/12/21 12:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.0179	U	0.0179	0.00360	mg/Kg		02/12/21 15:52	02/13/21 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130				02/12/21 15:52	02/13/21 14:18	1
4-Bromofluorobenzene (Surr)	111		70 - 130				02/12/21 15:52	02/13/21 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	13.9	mg/Kg		02/17/21 08:02	02/17/21 17:23	1
Total TPH	216		50.2	37.0	mg/Kg		02/17/21 08:02	02/17/21 17:23	1
>C10-C28	164		50.2	11.5	mg/Kg		02/17/21 08:02	02/17/21 17:23	1
>C28-C35	51.9		50.2	11.5	mg/Kg		02/17/21 08:02	02/17/21 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 135				02/17/21 08:02	02/17/21 17:23	1
o-Terphenyl	112		70 - 135				02/17/21 08:02	02/17/21 17:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	152	b	9.98	0.0353	mg/Kg			02/13/21 03:54	1

Client Sample ID: S.SW-2 1'

Lab Sample ID: 890-209-48

Date Collected: 02/10/21 13:00

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0179	U	0.0179	0.00433	mg/Kg		02/12/21 15:52	02/13/21 14:41	1
Ethylbenzene	<0.0179	U	0.0179	0.00363	mg/Kg		02/12/21 15:52	02/13/21 14:41	1
Toluene	<0.0179	U	0.0179	0.00471	mg/Kg		02/12/21 15:52	02/13/21 14:41	1
Total BTEX	<0.0179	U	0.0179	0.0179	mg/Kg		02/12/21 15:52	02/13/21 14:41	1
Xylenes, Total	<0.0179	U	0.0179	0.0179	mg/Kg		02/12/21 15:52	02/13/21 14:41	1
m,p-Xylenes	<0.0357	U	0.0357	0.00673	mg/Kg		02/12/21 15:52	02/13/21 14:41	1
o-Xylene	<0.0179	U	0.0179	0.00360	mg/Kg		02/12/21 15:52	02/13/21 14:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	97		70 - 130				02/12/21 15:52	02/13/21 14:41	1
4-Bromofluorobenzene (Surr)	108		70 - 130				02/12/21 15:52	02/13/21 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.9	U	49.9	13.8	mg/Kg		02/17/21 08:02	02/17/21 12:32	1
Total TPH	<49.9	U	49.9	36.7	mg/Kg		02/17/21 08:02	02/17/21 12:32	1
>C10-C28	15.3	J	49.9	11.4	mg/Kg		02/17/21 08:02	02/17/21 12:32	1
>C28-C35	<49.9	U	49.9	11.4	mg/Kg		02/17/21 08:02	02/17/21 12:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 135				02/17/21 08:02	02/17/21 12:32	1
o-Terphenyl	75		70 - 135				02/17/21 08:02	02/17/21 12:32	1

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Client Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S.SW-2 1'

Lab Sample ID: 890-209-48

Date Collected: 02/10/21 13:00

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1060	b	9.98	0.0353	mg/Kg			02/13/21 05:14	1

Client Sample ID: N.SW-3 1'-2'

Lab Sample ID: 890-209-49

Date Collected: 02/10/21 14:30

Matrix: Solid

Date Received: 02/12/21 12:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0196	U	0.0196	0.00476	mg/Kg		02/16/21 11:20	02/17/21 14:11	1
Ethylbenzene	<0.0196	U	0.0196	0.00398	mg/Kg		02/16/21 11:20	02/17/21 14:11	1
Toluene	<0.0196	U	0.0196	0.00517	mg/Kg		02/16/21 11:20	02/17/21 14:11	1
Total BTEX	<0.0196	U	0.0196	0.0196	mg/Kg		02/16/21 11:20	02/17/21 14:11	1
Xylenes, Total	<0.0196	U	0.0196	0.0196	mg/Kg		02/16/21 11:20	02/17/21 14:11	1
m,p-Xylenes	<0.0392	U	0.0392	0.00739	mg/Kg		02/16/21 11:20	02/17/21 14:11	1
o-Xylene	<0.0196	U	0.0196	0.00395	mg/Kg		02/16/21 11:20	02/17/21 14:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	108		70 - 130	02/16/21 11:20	02/17/21 14:11	1
4-Bromofluorobenzene (Surr)	89		70 - 130	02/16/21 11:20	02/17/21 14:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	13.9	mg/Kg		02/17/21 08:02	02/17/21 13:31	1
Total TPH	288		50.2	37.0	mg/Kg		02/17/21 08:02	02/17/21 13:31	1
>C10-C28	234		50.2	11.5	mg/Kg		02/17/21 08:02	02/17/21 13:31	1
>C28-C35	54.0		50.2	11.5	mg/Kg		02/17/21 08:02	02/17/21 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 135	02/17/21 08:02	02/17/21 13:31	1
o-Terphenyl	94		70 - 135	02/17/21 08:02	02/17/21 13:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155	b	10.0	0.0354	mg/Kg			02/13/21 05:20	1

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Surrogate Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DFBZ1 (70-130)	BFB1 (70-130)
890-209-1	S-2A 2'	101	92
890-209-1	S-2A 2'	107	101
890-209-2	S-3 A 1'	103	93
890-209-3	S-6A 1'	108	86
890-209-4	S-7A 1.5' R	105	93
890-209-5	S-8A 1'	108	88
890-209-6	S-9A 1'	109	91
890-209-7	S-10A 1'	108	87
890-209-8	S-11A 1'R	105	88
890-209-9	S-12 3'	99	104
890-209-9 MS	S-12 3'	89	96
890-209-9 MSD	S-12 3'	94	94
890-209-10	S-13 3'	101	105
890-209-11	S-14 3'	101	104
890-209-12	S-15 1'	102	108
890-209-13	S-16 1'	105	110
890-209-14	S-17 1'	103	106
890-209-15	S-18 1'	96	101
890-209-16	S-19 1'	98	108
890-209-17	S-20 1'	98	105
890-209-18	S-21 1'	100	109
890-209-19	S-22 1'	99	105
890-209-20	S-23 1'	97	106
890-209-21	S-24 1'	97	103
890-209-22	S-25 1'	99	104
890-209-23	S-26 1'	99	106
890-209-24	S-27 1'	95	104
890-209-25	S-28 1'	98	106
890-209-26	S-29 1'	98	103
890-209-27	S-30 1'	99	105
890-209-28	S-31 1'	100	105
890-209-29	S-32 1'	96	101
890-209-29 MS	S-32 1'	95	96
890-209-29 MSD	S-32 1'	94	98
890-209-30	S-33 1'	93	98
890-209-31	S-34 1'	98	103
890-209-32	S-35 1.5' R	96	103
890-209-33	S-36 1.5' R'	101	105
890-209-34	S-37 1'	98	104
890-209-35	S-38 1.5'	98	104
890-209-36	S-39 1'	98	104
890-209-37	S-40 1'	98	105
890-209-38	S-41 1.5'	99	108
890-209-39	S-42 2'	97	102
890-209-40	S-43 2'	94	104
890-209-41	S-44 2'	98	104
890-209-42	E.SW 2'	95	102
890-209-43	W.SW-1 1'	99	105
890-209-44	W.SW-2 1'	97	106

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DFBZ1 (70-130)	BFB1 (70-130)
890-209-45	N.SW-1 1'	100	107
890-209-46	N.SW-2 1'	95	104
890-209-47	S.SW-1 1'	99	111
890-209-48	S.SW-2 1'	97	108
890-209-49	N.SW-3 1'-2'	108	89
890-209-49 MS	N.SW-3 1'-2'	100	91
890-209-49 MSD	N.SW-3 1'-2'	99	92
LCS 890-266/2-A	Lab Control Sample	101	84
LCS 890-267/2-A	Lab Control Sample	94	98
LCS 890-270/2-A	Lab Control Sample	96	98
LCS 890-278/2-A	Lab Control Sample	100	85
LCSD 890-266/3-A	Lab Control Sample Dup	100	84
LCSD 890-267/3-A	Lab Control Sample Dup	98	100
LCSD 890-270/3-A	Lab Control Sample Dup	99	99
LCSD 890-278/3-A	Lab Control Sample Dup	97	83
MB 890-266/1-A	Method Blank	105	88
MB 890-267/1-A	Method Blank	95	103
MB 890-270/1-A	Method Blank	98	106
MB 890-278/1-A	Method Blank	106	88

Surrogate Legend

DFBZ = 1,4-Difluorobenzene

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-135)	OTPH1 (70-135)
890-208-A-8-C MS	Matrix Spike	96	99
890-208-A-8-D MSD	Matrix Spike Duplicate	107	110
890-209-1	S-2A 2'	108	104
890-209-2	S-3 A 1'	108	106
890-209-3	S-6A 1'	119	115
890-209-4	S-7A 1.5' R	113	110
890-209-5	S-8A 1'	107	103
890-209-6	S-9A 1'	108	104
890-209-7	S-10A 1'	118	113
890-209-8	S-11A 1'R	104	102
890-209-8 MS	S-11A 1'R	108	98
890-209-8 MSD	S-11A 1'R	110	100
890-209-9	S-12 3'	110	107
890-209-10	S-13 3'	107	103
890-209-11	S-14 3'	107	103
890-209-12	S-15 1'	118	116
890-209-13	S-16 1'	108	104
890-209-14	S-17 1'	110	107
890-209-15	S-18 1'	106	106
890-209-16	S-19 1'	104	102
890-209-17	S-20 1'	110	108

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-135)	OTPH1 (70-135)
890-209-18	S-21 1'	116	113
890-209-19	S-22 1'	112	108
890-209-20	S-23 1'	113	109
890-209-21	S-24 1'	112	109
890-209-22	S-25 1'	112	108
890-209-23	S-26 1'	113	110
890-209-24	S-27 1'	117	115
890-209-25	S-28 1'	112	110
890-209-26	S-29 1'	115	112
890-209-27	S-30 1'	118	115
890-209-28	S-31 1'	103	101
890-209-28 MS	S-31 1'	113	104
890-209-28 MSD	S-31 1'	123	113
890-209-29	S-32 1'	101	100
890-209-30	S-33 1'	109	108
890-209-31	S-34 1'	105	103
890-209-32	S-35 1.5' R	113	111
890-209-33	S-36 1.5' R'	107	107
890-209-34	S-37 1'	117	115
890-209-35	S-38 1.5'	115	112
890-209-36	S-39 1'	111	110
890-209-37	S-40 1'	115	114
890-209-38	S-41 1.5'	114	113
890-209-39	S-42 2'	111	109
890-209-40	S-43 2'	96	91
890-209-41	S-44 2'	99	93
890-209-42	E.SW 2'	101	97
890-209-43	W.SW-1 1'	113	109
890-209-44	W.SW-2 1'	101	97
890-209-45	N.SW-1 1'	97	93
890-209-46	N.SW-2 1'	103	99
890-209-47	S.SW-1 1'	115	112
890-209-48	S.SW-2 1'	77	75
890-209-48 MS	S.SW-2 1'	96	87
890-209-48 MSD	S.SW-2 1'	95	86
890-209-49	N.SW-3 1'-2'	98	94
LCS 890-264/2-A	Lab Control Sample	127	113
LCS 890-265/2-A	Lab Control Sample	131	117
LCS 890-268/2-A	Lab Control Sample	110	100
LCS 890-280/2-A	Lab Control Sample	100	89
LCSD 890-264/3-A	Lab Control Sample Dup	125	111
LCSD 890-265/3-A	Lab Control Sample Dup	132	119
LCSD 890-268/3-A	Lab Control Sample Dup	119	107
LCSD 890-280/3-A	Lab Control Sample Dup	116	105
MB 890-264/1-A	Method Blank	108	104
MB 890-265/1-A	Method Blank	112	109
MB 890-268/1-A	Method Blank	91	89
MB 890-280/1-A	Method Blank	82	79

Surrogate Legend

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com
1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Job ID: 890-209-1
SDG: 702678.002.01

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QC Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 890-266/1-A

Matrix: Solid

Analysis Batch: 279

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 266

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000486	mg/Kg		02/12/21 15:33	02/17/21 02:04	1
Ethylbenzene	<0.00200	U	0.00200	0.000406	mg/Kg		02/12/21 15:33	02/17/21 02:04	1
Toluene	<0.00200	U	0.00200	0.000528	mg/Kg		02/12/21 15:33	02/17/21 02:04	1
Total BTEX	<0.00200	U	0.00200	0.00200	mg/Kg		02/12/21 15:33	02/17/21 02:04	1
Xylenes, Total	<0.00200	U	0.00200	0.00200	mg/Kg		02/12/21 15:33	02/17/21 02:04	1
m,p-Xylenes	<0.00400	U	0.00400	0.000754	mg/Kg		02/12/21 15:33	02/17/21 02:04	1
o-Xylene	<0.00200	U	0.00200	0.000403	mg/Kg		02/12/21 15:33	02/17/21 02:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130	02/12/21 15:33	02/17/21 02:04	1
4-Bromofluorobenzene (Surr)	88		70 - 130	02/12/21 15:33	02/17/21 02:04	1

Lab Sample ID: LCS 890-266/2-A

Matrix: Solid

Analysis Batch: 279

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 266

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08738		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.08584		mg/Kg		86	71 - 129
Toluene	0.100	0.08985		mg/Kg		90	70 - 130
m,p-Xylenes	0.200	0.1695		mg/Kg		85	70 - 135
o-Xylene	0.100	0.08563		mg/Kg		86	71 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene	101		70 - 130
4-Bromofluorobenzene (Surr)	84		70 - 130

Lab Sample ID: LCSD 890-266/3-A

Matrix: Solid

Analysis Batch: 279

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 266

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08558		mg/Kg		86	70 - 130	2	35
Ethylbenzene	0.100	0.08506		mg/Kg		85	71 - 129	1	35
Toluene	0.100	0.08863		mg/Kg		89	70 - 130	1	35
m,p-Xylenes	0.200	0.1672		mg/Kg		84	70 - 135	1	35
o-Xylene	0.100	0.08492		mg/Kg		85	71 - 133	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene	100		70 - 130
4-Bromofluorobenzene (Surr)	84		70 - 130

Lab Sample ID: MB 890-267/1-A

Matrix: Solid

Analysis Batch: 274

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 267

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000486	mg/Kg		02/12/21 15:39	02/12/21 18:30	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

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

Lab Sample ID: MB 890-267/1-A

Matrix: Solid

Analysis Batch: 274

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 267

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200	0.000406	mg/Kg		02/12/21 15:39	02/12/21 18:30	1
Toluene	<0.00200	U	0.00200	0.000528	mg/Kg		02/12/21 15:39	02/12/21 18:30	1
Total BTEX	<0.00200	U	0.00200	0.00200	mg/Kg		02/12/21 15:39	02/12/21 18:30	1
Xylenes, Total	<0.00200	U	0.00200	0.00200	mg/Kg		02/12/21 15:39	02/12/21 18:30	1
m,p-Xylenes	<0.00400	U	0.00400	0.000754	mg/Kg		02/12/21 15:39	02/12/21 18:30	1
o-Xylene	<0.00200	U	0.00200	0.000403	mg/Kg		02/12/21 15:39	02/12/21 18:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	95		70 - 130	02/12/21 15:39	02/12/21 18:30	1
4-Bromofluorobenzene (Surr)	103		70 - 130	02/12/21 15:39	02/12/21 18:30	1

Lab Sample ID: LCS 890-267/2-A

Matrix: Solid

Analysis Batch: 274

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 267

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09697		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09979		mg/Kg		100	71 - 129
Toluene	0.100	0.09894		mg/Kg		99	70 - 130
m,p-Xylenes	0.200	0.2032		mg/Kg		102	70 - 135
o-Xylene	0.100	0.1049		mg/Kg		105	71 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene	94		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 890-267/3-A

Matrix: Solid

Analysis Batch: 274

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 267

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09885		mg/Kg		99	70 - 130	2	35
Ethylbenzene	0.100	0.09745		mg/Kg		97	71 - 129	2	35
Toluene	0.100	0.09868		mg/Kg		99	70 - 130	0	35
m,p-Xylenes	0.200	0.1980		mg/Kg		99	70 - 135	3	35
o-Xylene	0.100	0.1022		mg/Kg		102	71 - 133	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene	98		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-209-9 MS

Matrix: Solid

Analysis Batch: 274

Client Sample ID: S-12 '3'

Prep Type: Total/NA

Prep Batch: 267

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.0192	U	0.980	0.9540		mg/Kg		97	70 - 130
Ethylbenzene	<0.0192	U	0.980	1.021		mg/Kg		104	71 - 129

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

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

Lab Sample ID: 890-209-9 MS

Matrix: Solid

Analysis Batch: 274

Client Sample ID: S-12 3'

Prep Type: Total/NA

Prep Batch: 267

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.0192	U	0.980	1.001		mg/Kg		102	70 - 130
m,p-Xylenes	<0.0385	U	1.96	2.040		mg/Kg		104	70 - 135
o-Xylene	<0.0192	U	0.980	1.024		mg/Kg		104	71 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
1,4-Difluorobenzene	89		70 - 130
4-Bromofluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-209-9 MSD

Matrix: Solid

Analysis Batch: 274

Client Sample ID: S-12 3'

Prep Type: Total/NA

Prep Batch: 267

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.0192	U	0.962	0.9274		mg/Kg		96	70 - 130	3	35
Ethylbenzene	<0.0192	U	0.962	0.9601		mg/Kg		100	71 - 129	6	35
Toluene	<0.0192	U	0.962	0.9536		mg/Kg		99	70 - 130	5	35
m,p-Xylenes	<0.0385	U	1.92	1.933		mg/Kg		101	70 - 135	5	35
o-Xylene	<0.0192	U	0.962	0.9644		mg/Kg		100	71 - 133	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,4-Difluorobenzene	94		70 - 130
4-Bromofluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 890-270/1-A

Matrix: Solid

Analysis Batch: 274

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 270

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000486	mg/Kg		02/12/21 15:52	02/13/21 04:58	1
Ethylbenzene	<0.00200	U	0.00200	0.000406	mg/Kg		02/12/21 15:52	02/13/21 04:58	1
Toluene	<0.00200	U	0.00200	0.000528	mg/Kg		02/12/21 15:52	02/13/21 04:58	1
Total BTEX	<0.00200	U	0.00200	0.00200	mg/Kg		02/12/21 15:52	02/13/21 04:58	1
Xylenes, Total	<0.00200	U	0.00200	0.00200	mg/Kg		02/12/21 15:52	02/13/21 04:58	1
m,p-Xylenes	<0.00400	U	0.00400	0.000754	mg/Kg		02/12/21 15:52	02/13/21 04:58	1
o-Xylene	<0.00200	U	0.00200	0.000403	mg/Kg		02/12/21 15:52	02/13/21 04:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/12/21 15:52	02/13/21 04:58	1
4-Bromofluorobenzene (Surr)	106		70 - 130	02/12/21 15:52	02/13/21 04:58	1

Lab Sample ID: LCS 890-270/2-A

Matrix: Solid

Analysis Batch: 274

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 270

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09638		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09826		mg/Kg		98	71 - 129
Toluene	0.100	0.09767		mg/Kg		98	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

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

Lab Sample ID: LCS 890-270/2-A

Matrix: Solid

Analysis Batch: 274

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 270

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m,p-Xylenes	0.200	0.2005		mg/Kg		100	70 - 135
o-Xylene	0.100	0.09922		mg/Kg		99	71 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene	96		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 890-270/3-A

Matrix: Solid

Analysis Batch: 274

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 270

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09420		mg/Kg		94	70 - 130	2	35
Ethylbenzene	0.100	0.09769		mg/Kg		98	71 - 129	1	35
Toluene	0.100	0.09812		mg/Kg		98	70 - 130	0	35
m,p-Xylenes	0.200	0.1969		mg/Kg		98	70 - 135	2	35
o-Xylene	0.100	0.09922		mg/Kg		99	71 - 133	0	35

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

Lab Sample ID: 890-209-29 MS

Matrix: Solid

Analysis Batch: 274

Client Sample ID: S-32 1'

Prep Type: Total/NA

Prep Batch: 270

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.0196	U	1.00	0.9174		mg/Kg		92	70 - 130
Ethylbenzene	<0.0196	U	1.00	0.8938		mg/Kg		89	71 - 129
Toluene	<0.0196	U	1.00	0.9238		mg/Kg		92	70 - 130
m,p-Xylenes	<0.0392	U	2.00	1.774		mg/Kg		89	70 - 135
o-Xylene	<0.0196	U	1.00	0.9042		mg/Kg		90	71 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
1,4-Difluorobenzene	95		70 - 130
4-Bromofluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-209-29 MSD

Matrix: Solid

Analysis Batch: 274

Client Sample ID: S-32 1'

Prep Type: Total/NA

Prep Batch: 270

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.0196	U	0.909	0.8355		mg/Kg		92	70 - 130	9	35
Ethylbenzene	<0.0196	U	0.909	0.8506		mg/Kg		94	71 - 129	5	35
Toluene	<0.0196	U	0.909	0.8700		mg/Kg		96	70 - 130	6	35
m,p-Xylenes	<0.0392	U	1.82	1.697		mg/Kg		93	70 - 135	4	35
o-Xylene	<0.0196	U	0.909	0.8032		mg/Kg		88	71 - 133	12	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

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

Lab Sample ID: 890-209-29 MSD

Matrix: Solid

Analysis Batch: 274

Client Sample ID: S-32 1'

Prep Type: Total/NA

Prep Batch: 270

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene	94		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 890-278/1-A

Matrix: Solid

Analysis Batch: 279

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 278

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000486	mg/Kg		02/16/21 11:20	02/17/21 13:04	1
Ethylbenzene	<0.00200	U	0.00200	0.000406	mg/Kg		02/16/21 11:20	02/17/21 13:04	1
Toluene	<0.00200	U	0.00200	0.000528	mg/Kg		02/16/21 11:20	02/17/21 13:04	1
Total BTEX	<0.00200	U	0.00200	0.00200	mg/Kg		02/16/21 11:20	02/17/21 13:04	1
Xylenes, Total	<0.00200	U	0.00200	0.00200	mg/Kg		02/16/21 11:20	02/17/21 13:04	1
m,p-Xylenes	<0.00400	U	0.00400	0.000754	mg/Kg		02/16/21 11:20	02/17/21 13:04	1
o-Xylene	<0.00200	U	0.00200	0.000403	mg/Kg		02/16/21 11:20	02/17/21 13:04	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,4-Difluorobenzene	106		70 - 130	02/16/21 11:20	02/17/21 13:04	1			
4-Bromofluorobenzene (Surr)	88		70 - 130	02/16/21 11:20	02/17/21 13:04	1			

Lab Sample ID: LCS 890-278/2-A

Matrix: Solid

Analysis Batch: 279

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 278

Analyte	Spike	LCS	LCS						
	Added	Result	Qualifier	Unit	D	%Rec	%Rec.	Limits	
Benzene	0.100	0.09183		mg/Kg		92		70 - 130	
Ethylbenzene	0.100	0.08875		mg/Kg		89		71 - 129	
Toluene	0.100	0.09328		mg/Kg		93		70 - 130	
m,p-Xylenes	0.200	0.1716		mg/Kg		86		70 - 135	
o-Xylene	0.100	0.08770		mg/Kg		88		71 - 133	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene	100		70 - 130
4-Bromofluorobenzene (Surr)	85		70 - 130

Lab Sample ID: LCSD 890-278/3-A

Matrix: Solid

Analysis Batch: 279

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 278

Analyte	Spike	LCSD	LCSD							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
Benzene	0.100	0.08639		mg/Kg		86		70 - 130	6	35
Ethylbenzene	0.100	0.08990		mg/Kg		90		71 - 129	1	35
Toluene	0.100	0.09256		mg/Kg		93		70 - 130	1	35
m,p-Xylenes	0.200	0.1739		mg/Kg		87		70 - 135	1	35
o-Xylene	0.100	0.08867		mg/Kg		89		71 - 133	1	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

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

Lab Sample ID: LCSD 890-278/3-A

Matrix: Solid

Analysis Batch: 279

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 278

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene	97		70 - 130
4-Bromofluorobenzene (Surr)	83		70 - 130

Lab Sample ID: 890-209-49 MS

Matrix: Solid

Analysis Batch: 279

Client Sample ID: N.SW-3 1'-2'

Prep Type: Total/NA

Prep Batch: 278

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.0196	U	0.909	0.9539		mg/Kg		105	70 - 130
Ethylbenzene	<0.0196	U	0.909	0.9943		mg/Kg		109	71 - 129
Toluene	<0.0196	U	0.909	0.9836		mg/Kg		108	70 - 130
m,p-Xylenes	<0.0392	U	1.82	1.858		mg/Kg		102	70 - 135
o-Xylene	<0.0196	U	0.909	0.9317		mg/Kg		102	71 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
1,4-Difluorobenzene	100		70 - 130
4-Bromofluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 890-209-49 MSD

Matrix: Solid

Analysis Batch: 279

Client Sample ID: N.SW-3 1'-2'

Prep Type: Total/NA

Prep Batch: 278

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.0196	U	0.980	1.009		mg/Kg		103	70 - 130	6	35
Ethylbenzene	<0.0196	U	0.980	1.078		mg/Kg		110	71 - 129	8	35
Toluene	<0.0196	U	0.980	1.046		mg/Kg		107	70 - 130	6	35
m,p-Xylenes	<0.0392	U	1.96	2.007		mg/Kg		102	70 - 135	8	35
o-Xylene	<0.0196	U	0.980	1.002		mg/Kg		102	71 - 133	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,4-Difluorobenzene	99		70 - 130
4-Bromofluorobenzene (Surr)	92		70 - 130

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

Lab Sample ID: MB 890-264/1-A

Matrix: Solid

Analysis Batch: 263

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 264

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	13.9	mg/Kg		02/12/21 15:18	02/13/21 01:55	1
Total TPH	<50.0	U	50.0	36.8	mg/Kg		02/12/21 15:18	02/13/21 01:55	1
>C10-C28	<50.0	U	50.0	11.5	mg/Kg		02/12/21 15:18	02/13/21 01:55	1
>C28-C35	<50.0	U	50.0	11.5	mg/Kg		02/12/21 15:18	02/13/21 01:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 135	02/12/21 15:18	02/13/21 01:55	1
o-Terphenyl	104		70 - 135	02/12/21 15:18	02/13/21 01:55	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

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

Lab Sample ID: LCS 890-264/2-A

Matrix: Solid

Analysis Batch: 263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 264

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	1000	1252		mg/Kg		125	70 - 135
>C10-C28	1000	1059		mg/Kg		106	70 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	127		70 - 135				
o-Terphenyl	113		70 - 135				

Lab Sample ID: LCSD 890-264/3-A

Matrix: Solid

Analysis Batch: 263

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 264

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C10	1000	1230		mg/Kg		123	70 - 135	2	25
>C10-C28	1000	1034		mg/Kg		103	70 - 135	2	25
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	125		70 - 135						
o-Terphenyl	111		70 - 135						

Lab Sample ID: 890-208-A-8-C MS

Matrix: Solid

Analysis Batch: 263

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 264

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	258		1000	1290		mg/Kg		103	70 - 135
>C10-C28	1610		1000	1838	N1	mg/Kg		22	70 - 135
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	96		70 - 135						
o-Terphenyl	99		70 - 135						

Lab Sample ID: 890-208-A-8-D MSD

Matrix: Solid

Analysis Batch: 263

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 264

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C10	258		1000	1306		mg/Kg		104	70 - 135	1	35
>C10-C28	1610		1000	2044	N1	mg/Kg		43	70 - 135	11	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	107		70 - 135								
o-Terphenyl	110		70 - 135								

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QC Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

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

Lab Sample ID: MB 890-265/1-A

Matrix: Solid

Analysis Batch: 262

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 265

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	13.9	mg/Kg		02/12/21 15:21	02/13/21 01:55	1
Total TPH	<50.0	U	50.0	36.8	mg/Kg		02/12/21 15:21	02/13/21 01:55	1
>C10-C28	14.33	J	50.0	11.5	mg/Kg		02/12/21 15:21	02/13/21 01:55	1
>C28-C35	<50.0	U	50.0	11.5	mg/Kg		02/12/21 15:21	02/13/21 01:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 135	02/12/21 15:21	02/13/21 01:55	1
o-Terphenyl	109		70 - 135	02/12/21 15:21	02/13/21 01:55	1

Lab Sample ID: LCS 890-265/2-A

Matrix: Solid

Analysis Batch: 262

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 265

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	1000	1174		mg/Kg		117	70 - 135
>C10-C28	1000	1181		mg/Kg		118	70 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	131		70 - 135
o-Terphenyl	117		70 - 135

Lab Sample ID: LCSD 890-265/3-A

Matrix: Solid

Analysis Batch: 262

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 265

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C10	1000	1171		mg/Kg		117	70 - 135	0	25
>C10-C28	1000	1173		mg/Kg		117	70 - 135	1	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	132		70 - 135
o-Terphenyl	119		70 - 135

Lab Sample ID: 890-209-8 MS

Matrix: Solid

Analysis Batch: 262

Client Sample ID: S-11A 1'R

Prep Type: Total/NA

Prep Batch: 265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	<53.2	U	1010	944.2		mg/Kg		94	70 - 135
>C10-C28	119	b	1010	935.6		mg/Kg		81	70 - 135

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	108		70 - 135
o-Terphenyl	98		70 - 135

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QC Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

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

Lab Sample ID: 890-209-8 MSD

Matrix: Solid

Analysis Batch: 262

Client Sample ID: S-11A 1'R

Prep Type: Total/NA

Prep Batch: 265

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C10	<53.2	U	1000	1016		mg/Kg		102	70 - 135	7	35
>C10-C28	119	b	1000	1001		mg/Kg		88	70 - 135	7	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	110		70 - 135								
o-Terphenyl	100		70 - 135								

Lab Sample ID: MB 890-268/1-A

Matrix: Solid

Analysis Batch: 281

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 268

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	13.9	mg/Kg		02/17/21 07:41	02/17/21 11:32	1
Total TPH	<50.0	U	50.0	36.8	mg/Kg		02/17/21 07:41	02/17/21 11:32	1
>C10-C28	<50.0	U	50.0	11.5	mg/Kg		02/17/21 07:41	02/17/21 11:32	1
>C28-C35	<50.0	U	50.0	11.5	mg/Kg		02/17/21 07:41	02/17/21 11:32	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 135				02/17/21 07:41	02/17/21 11:32	1
o-Terphenyl	89		70 - 135				02/17/21 07:41	02/17/21 11:32	1

Lab Sample ID: LCS 890-268/2-A

Matrix: Solid

Analysis Batch: 281

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 268

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C6-C10	1000	983.1		mg/Kg		98	70 - 135		
>C10-C28	1000	979.5		mg/Kg		98	70 - 135		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	110		70 - 135						
o-Terphenyl	100		70 - 135						

Lab Sample ID: LCSD 890-268/3-A

Matrix: Solid

Analysis Batch: 281

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 268

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C10	1000	1074		mg/Kg		107	70 - 135	9	25
>C10-C28	1000	1055		mg/Kg		105	70 - 135	7	25
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	119		70 - 135						
o-Terphenyl	107		70 - 135						

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QC Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

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

Lab Sample ID: 890-209-28 MS

Matrix: Solid

Analysis Batch: 281

Client Sample ID: S-31 1'

Prep Type: Total/NA

Prep Batch: 268

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	<50.1	U	1000	943.9		mg/Kg		94	70 - 135
>C10-C28	324		1000	973.9	N1	mg/Kg		65	70 - 135
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	113		70 - 135						
o-Terphenyl	104		70 - 135						

Lab Sample ID: 890-209-28 MSD

Matrix: Solid

Analysis Batch: 281

Client Sample ID: S-31 1'

Prep Type: Total/NA

Prep Batch: 268

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C10	<50.1	U	999	966.3		mg/Kg		97	70 - 135	2	35
>C10-C28	324		999	983.8	N1	mg/Kg		66	70 - 135	1	35
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	123		70 - 135								
o-Terphenyl	113		70 - 135								

Lab Sample ID: MB 890-280/1-A

Matrix: Solid

Analysis Batch: 282

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 280

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	27.19	J	50.0	13.9	mg/Kg		02/17/21 08:02	02/17/21 11:32	1
Total TPH	<50.0	U	50.0	36.8	mg/Kg		02/17/21 08:02	02/17/21 11:32	1
>C10-C28	<50.0	U	50.0	11.5	mg/Kg		02/17/21 08:02	02/17/21 11:32	1
>C28-C35	<50.0	U	50.0	11.5	mg/Kg		02/17/21 08:02	02/17/21 11:32	1
MB MB									
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	82		70 - 135	02/17/21 08:02	02/17/21 11:32	1			
o-Terphenyl	79		70 - 135	02/17/21 08:02	02/17/21 11:32	1			

Lab Sample ID: LCS 890-280/2-A

Matrix: Solid

Analysis Batch: 282

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 280

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	1000	1036		mg/Kg		104	70 - 135
>C10-C28	1000	841.4		mg/Kg		84	70 - 135
LCS LCS							
Surrogate	%Recovery	Qualifier	Limits				
1-Chlorooctane	100		70 - 135				
o-Terphenyl	89		70 - 135				

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QC Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

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

Lab Sample ID: LCSD 890-280/3-A

Matrix: Solid

Analysis Batch: 282

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 280

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C6-C10	1000	1184		mg/Kg		118	70 - 135	13	25
>C10-C28	1000	973.6		mg/Kg		97	70 - 135	15	25
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	116		70 - 135						
o-Terphenyl	105		70 - 135						

Lab Sample ID: 890-209-48 MS

Matrix: Solid

Analysis Batch: 282

Client Sample ID: S.SW-2 1'

Prep Type: Total/NA

Prep Batch: 280

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C6-C10	<49.9	U	999	913.6		mg/Kg		91	70 - 135		
>C10-C28	15.3	J	999	802.3		mg/Kg		79	70 - 135		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	96		70 - 135								
o-Terphenyl	87		70 - 135								

Lab Sample ID: 890-209-48 MSD

Matrix: Solid

Analysis Batch: 282

Client Sample ID: S.SW-2 1'

Prep Type: Total/NA

Prep Batch: 280

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C6-C10	<49.9	U	1010	980.9		mg/Kg		98	70 - 135	7	35
>C10-C28	15.3	J	1010	839.9		mg/Kg		82	70 - 135	5	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	95		70 - 135								
o-Terphenyl	86		70 - 135								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 890-272/1-A

Matrix: Solid

Analysis Batch: 275

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.344	J	10.0	0.0354	mg/Kg			02/12/21 22:48	1

Lab Sample ID: MB 890-273/1-A

Matrix: Solid

Analysis Batch: 275

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.413	J	10.0	0.0354	mg/Kg			02/13/21 01:55	1

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QC Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 890-272/2-A

Matrix: Solid

Analysis Batch: 275

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	500	530.0		mg/Kg		106	90 - 110

Lab Sample ID: LCS 890-273/2-A

Matrix: Solid

Analysis Batch: 275

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	500	530.5		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 890-272/3-A

Matrix: Solid

Analysis Batch: 275

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	500	528.8		mg/Kg		106	90 - 110	0	20

Lab Sample ID: LCSD 890-273/3-A

Matrix: Solid

Analysis Batch: 275

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	500	530.3		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 890-209-15 MS

Matrix: Solid

Analysis Batch: 275

Client Sample ID: S-18 1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1160	b	499	1650		mg/Kg		98	90 - 110

Lab Sample ID: 890-209-15 MSD

Matrix: Solid

Analysis Batch: 275

Client Sample ID: S-18 1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1160	b	498	1651		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-209-25 MS

Matrix: Solid

Analysis Batch: 275

Client Sample ID: S-28 1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	626	b	504	1129		mg/Kg		100	90 - 110

Lab Sample ID: 890-209-25 MSD

Matrix: Solid

Analysis Batch: 275

Client Sample ID: S-28 1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	626	b	503	1149		mg/Kg		104	90 - 110	2	20

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QC Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-209-35 MS

Matrix: Solid

Analysis Batch: 275

Client Sample ID: S-38 1.5'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	647	b	503	1162		mg/Kg		102	90 - 110

Lab Sample ID: 890-209-35 MSD

Matrix: Solid

Analysis Batch: 275

Client Sample ID: S-38 1.5'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	647	b	504	1168		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-209-45 MS

Matrix: Solid

Analysis Batch: 275

Client Sample ID: N.SW-1 1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	335	b	504	832.4		mg/Kg		99	90 - 110

Lab Sample ID: 890-209-45 MSD

Matrix: Solid

Analysis Batch: 275

Client Sample ID: N.SW-1 1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	335	b	505	863.9		mg/Kg		105	90 - 110	4	20

Lab Sample ID: MB 890-276/1-A

Matrix: Solid

Analysis Batch: 277

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.192	J	10.0	0.0354	mg/Kg			02/15/21 08:54	1

Lab Sample ID: LCS 890-276/2-A

Matrix: Solid

Analysis Batch: 277

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	500	519.8		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 890-276/3-A

Matrix: Solid

Analysis Batch: 277

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	500	519.4		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 890-209-5 MS

Matrix: Solid

Analysis Batch: 277

Client Sample ID: S-8A 1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	233	b	504	772.3		mg/Kg		107	90 - 110

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QC Sample Results

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-209-5 MSD

Matrix: Solid

Analysis Batch: 277

Client Sample ID: S-8A 1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	233	b	504	774.2		mg/Kg		107	90 - 110	0	20

QC Association Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

GC VOA

Prep Batch: 266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-1	S-2A 2'	Total/NA	Solid	5035	
890-209-2	S-3 A 1'	Total/NA	Solid	5035	
890-209-3	S-6A 1'	Total/NA	Solid	5035	
890-209-4	S-7A 1.5' R	Total/NA	Solid	5035	
890-209-5	S-8A 1'	Total/NA	Solid	5035	
890-209-6	S-9A 1'	Total/NA	Solid	5035	
890-209-7	S-10A 1'	Total/NA	Solid	5035	
890-209-8	S-11A 1'R	Total/NA	Solid	5035	
MB 890-266/1-A	Method Blank	Total/NA	Solid	5035	
LCS 890-266/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 890-266/3-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-9	S-12 3'	Total/NA	Solid	5035	
890-209-10	S-13 3'	Total/NA	Solid	5035	
890-209-11	S-14 3'	Total/NA	Solid	5035	
890-209-12	S-15 1'	Total/NA	Solid	5035	
890-209-13	S-16 1'	Total/NA	Solid	5035	
890-209-14	S-17 1'	Total/NA	Solid	5035	
890-209-15	S-18 1'	Total/NA	Solid	5035	
890-209-16	S-19 1'	Total/NA	Solid	5035	
890-209-17	S-20 1'	Total/NA	Solid	5035	
890-209-18	S-21 1'	Total/NA	Solid	5035	
890-209-19	S-22 1'	Total/NA	Solid	5035	
890-209-20	S-23 1'	Total/NA	Solid	5035	
890-209-21	S-24 1'	Total/NA	Solid	5035	
890-209-22	S-25 1'	Total/NA	Solid	5035	
890-209-23	S-26 1'	Total/NA	Solid	5035	
890-209-24	S-27 1'	Total/NA	Solid	5035	
890-209-25	S-28 1'	Total/NA	Solid	5035	
890-209-26	S-29 1'	Total/NA	Solid	5035	
890-209-27	S-30 1'	Total/NA	Solid	5035	
890-209-28	S-31 1'	Total/NA	Solid	5035	
MB 890-267/1-A	Method Blank	Total/NA	Solid	5035	
LCS 890-267/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 890-267/3-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-209-9 MS	S-12 3'	Total/NA	Solid	5035	
890-209-9 MSD	S-12 3'	Total/NA	Solid	5035	

Prep Batch: 270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-29	S-32 1'	Total/NA	Solid	5035	
890-209-30	S-33 1'	Total/NA	Solid	5035	
890-209-31	S-34 1'	Total/NA	Solid	5035	
890-209-32	S-35 1.5' R	Total/NA	Solid	5035	
890-209-33	S-36 1.5' R'	Total/NA	Solid	5035	
890-209-34	S-37 1'	Total/NA	Solid	5035	
890-209-35	S-38 1.5'	Total/NA	Solid	5035	
890-209-36	S-39 1'	Total/NA	Solid	5035	
890-209-37	S-40 1'	Total/NA	Solid	5035	

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QC Association Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

GC VOA (Continued)

Prep Batch: 270 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-38	S-41 1.5'	Total/NA	Solid	5035	
890-209-39	S-42 2'	Total/NA	Solid	5035	
890-209-40	S-43 2'	Total/NA	Solid	5035	
890-209-41	S-44 2'	Total/NA	Solid	5035	
890-209-42	E.SW 2'	Total/NA	Solid	5035	
890-209-43	W.SW-1 1'	Total/NA	Solid	5035	
890-209-44	W.SW-2 1'	Total/NA	Solid	5035	
890-209-45	N.SW-1 1'	Total/NA	Solid	5035	
890-209-46	N.SW-2 1'	Total/NA	Solid	5035	
890-209-47	S.SW-1 1'	Total/NA	Solid	5035	
890-209-48	S.SW-2 1'	Total/NA	Solid	5035	
MB 890-270/1-A	Method Blank	Total/NA	Solid	5035	
LCS 890-270/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 890-270/3-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-209-29 MS	S-32 1'	Total/NA	Solid	5035	
890-209-29 MSD	S-32 1'	Total/NA	Solid	5035	

Analysis Batch: 274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-9	S-12 3'	Total/NA	Solid	8021B	267
890-209-10	S-13 3'	Total/NA	Solid	8021B	267
890-209-11	S-14 3'	Total/NA	Solid	8021B	267
890-209-12	S-15 1'	Total/NA	Solid	8021B	267
890-209-13	S-16 1'	Total/NA	Solid	8021B	267
890-209-14	S-17 1'	Total/NA	Solid	8021B	267
890-209-15	S-18 1'	Total/NA	Solid	8021B	267
890-209-16	S-19 1'	Total/NA	Solid	8021B	267
890-209-17	S-20 1'	Total/NA	Solid	8021B	267
890-209-18	S-21 1'	Total/NA	Solid	8021B	267
890-209-19	S-22 1'	Total/NA	Solid	8021B	267
890-209-20	S-23 1'	Total/NA	Solid	8021B	267
890-209-21	S-24 1'	Total/NA	Solid	8021B	267
890-209-22	S-25 1'	Total/NA	Solid	8021B	267
890-209-23	S-26 1'	Total/NA	Solid	8021B	267
890-209-24	S-27 1'	Total/NA	Solid	8021B	267
890-209-25	S-28 1'	Total/NA	Solid	8021B	267
890-209-26	S-29 1'	Total/NA	Solid	8021B	267
890-209-27	S-30 1'	Total/NA	Solid	8021B	267
890-209-28	S-31 1'	Total/NA	Solid	8021B	267
890-209-29	S-32 1'	Total/NA	Solid	8021B	270
890-209-30	S-33 1'	Total/NA	Solid	8021B	270
890-209-31	S-34 1'	Total/NA	Solid	8021B	270
890-209-32	S-35 1.5' R	Total/NA	Solid	8021B	270
890-209-33	S-36 1.5' R'	Total/NA	Solid	8021B	270
890-209-34	S-37 1'	Total/NA	Solid	8021B	270
890-209-35	S-38 1.5'	Total/NA	Solid	8021B	270
890-209-36	S-39 1'	Total/NA	Solid	8021B	270
890-209-37	S-40 1'	Total/NA	Solid	8021B	270
890-209-38	S-41 1.5'	Total/NA	Solid	8021B	270
890-209-39	S-42 2'	Total/NA	Solid	8021B	270
890-209-40	S-43 2'	Total/NA	Solid	8021B	270

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

GC VOA (Continued)

Analysis Batch: 274 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-41	S-44 2'	Total/NA	Solid	8021B	270
890-209-42	E.SW 2'	Total/NA	Solid	8021B	270
890-209-43	W.SW-1 1'	Total/NA	Solid	8021B	270
890-209-44	W.SW-2 1'	Total/NA	Solid	8021B	270
890-209-45	N.SW-1 1'	Total/NA	Solid	8021B	270
890-209-46	N.SW-2 1'	Total/NA	Solid	8021B	270
890-209-47	S.SW-1 1'	Total/NA	Solid	8021B	270
890-209-48	S.SW-2 1'	Total/NA	Solid	8021B	270
MB 890-267/1-A	Method Blank	Total/NA	Solid	8021B	267
MB 890-270/1-A	Method Blank	Total/NA	Solid	8021B	270
LCS 890-267/2-A	Lab Control Sample	Total/NA	Solid	8021B	267
LCS 890-270/2-A	Lab Control Sample	Total/NA	Solid	8021B	270
LCSD 890-267/3-A	Lab Control Sample Dup	Total/NA	Solid	8021B	267
LCSD 890-270/3-A	Lab Control Sample Dup	Total/NA	Solid	8021B	270
890-209-9 MS	S-12 3'	Total/NA	Solid	8021B	267
890-209-9 MSD	S-12 3'	Total/NA	Solid	8021B	267
890-209-29 MS	S-32 1'	Total/NA	Solid	8021B	270
890-209-29 MSD	S-32 1'	Total/NA	Solid	8021B	270

Prep Batch: 278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-49	N.SW-3 1'-2'	Total/NA	Solid	5035	
MB 890-278/1-A	Method Blank	Total/NA	Solid	5035	
LCS 890-278/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 890-278/3-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-209-49 MS	N.SW-3 1'-2'	Total/NA	Solid	5035	
890-209-49 MSD	N.SW-3 1'-2'	Total/NA	Solid	5035	

Analysis Batch: 279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-1	S-2A 2'	Total/NA	Solid	8021B	266
890-209-1	S-2A 2'	Total/NA	Solid	8021B	266
890-209-2	S-3 A 1'	Total/NA	Solid	8021B	266
890-209-3	S-6A 1'	Total/NA	Solid	8021B	266
890-209-4	S-7A 1.5' R	Total/NA	Solid	8021B	266
890-209-5	S-8A 1'	Total/NA	Solid	8021B	266
890-209-6	S-9A 1'	Total/NA	Solid	8021B	266
890-209-7	S-10A 1'	Total/NA	Solid	8021B	266
890-209-8	S-11A 1'R	Total/NA	Solid	8021B	266
890-209-49	N.SW-3 1'-2'	Total/NA	Solid	8021B	278
MB 890-266/1-A	Method Blank	Total/NA	Solid	8021B	266
MB 890-278/1-A	Method Blank	Total/NA	Solid	8021B	278
LCS 890-266/2-A	Lab Control Sample	Total/NA	Solid	8021B	266
LCS 890-278/2-A	Lab Control Sample	Total/NA	Solid	8021B	278
LCSD 890-266/3-A	Lab Control Sample Dup	Total/NA	Solid	8021B	266
LCSD 890-278/3-A	Lab Control Sample Dup	Total/NA	Solid	8021B	278
890-209-49 MS	N.SW-3 1'-2'	Total/NA	Solid	8021B	278
890-209-49 MSD	N.SW-3 1'-2'	Total/NA	Solid	8021B	278

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QC Association Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

GC Semi VOA

Analysis Batch: 262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-8	S-11A 1'R	Total/NA	Solid	8015B NM	265
890-209-9	S-12 3'	Total/NA	Solid	8015B NM	265
890-209-10	S-13 3'	Total/NA	Solid	8015B NM	265
890-209-11	S-14 3'	Total/NA	Solid	8015B NM	265
890-209-12	S-15 1'	Total/NA	Solid	8015B NM	265
890-209-13	S-16 1'	Total/NA	Solid	8015B NM	265
890-209-14	S-17 1'	Total/NA	Solid	8015B NM	265
890-209-15	S-18 1'	Total/NA	Solid	8015B NM	265
890-209-16	S-19 1'	Total/NA	Solid	8015B NM	265
890-209-17	S-20 1'	Total/NA	Solid	8015B NM	265
890-209-18	S-21 1'	Total/NA	Solid	8015B NM	265
890-209-19	S-22 1'	Total/NA	Solid	8015B NM	265
890-209-20	S-23 1'	Total/NA	Solid	8015B NM	265
890-209-21	S-24 1'	Total/NA	Solid	8015B NM	265
890-209-22	S-25 1'	Total/NA	Solid	8015B NM	265
890-209-23	S-26 1'	Total/NA	Solid	8015B NM	265
890-209-24	S-27 1'	Total/NA	Solid	8015B NM	265
890-209-25	S-28 1'	Total/NA	Solid	8015B NM	265
890-209-26	S-29 1'	Total/NA	Solid	8015B NM	265
890-209-27	S-30 1'	Total/NA	Solid	8015B NM	265
MB 890-265/1-A	Method Blank	Total/NA	Solid	8015B NM	265
LCS 890-265/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	265
LCSD 890-265/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	265
890-209-8 MS	S-11A 1'R	Total/NA	Solid	8015B NM	265
890-209-8 MSD	S-11A 1'R	Total/NA	Solid	8015B NM	265

Analysis Batch: 263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-1	S-2A 2'	Total/NA	Solid	8015B NM	264
890-209-2	S-3 A 1'	Total/NA	Solid	8015B NM	264
890-209-3	S-6A 1'	Total/NA	Solid	8015B NM	264
890-209-4	S-7A 1.5' R	Total/NA	Solid	8015B NM	264
890-209-5	S-8A 1'	Total/NA	Solid	8015B NM	264
890-209-6	S-9A 1'	Total/NA	Solid	8015B NM	264
890-209-7	S-10A 1'	Total/NA	Solid	8015B NM	264
MB 890-264/1-A	Method Blank	Total/NA	Solid	8015B NM	264
LCS 890-264/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	264
LCSD 890-264/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	264
890-208-A-8-C MS	Matrix Spike	Total/NA	Solid	8015B NM	264
890-208-A-8-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	264

Prep Batch: 264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-1	S-2A 2'	Total/NA	Solid	8015NM Prep	
890-209-2	S-3 A 1'	Total/NA	Solid	8015NM Prep	
890-209-3	S-6A 1'	Total/NA	Solid	8015NM Prep	
890-209-4	S-7A 1.5' R	Total/NA	Solid	8015NM Prep	
890-209-5	S-8A 1'	Total/NA	Solid	8015NM Prep	
890-209-6	S-9A 1'	Total/NA	Solid	8015NM Prep	
890-209-7	S-10A 1'	Total/NA	Solid	8015NM Prep	
MB 890-264/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

GC Semi VOA (Continued)

Prep Batch: 264 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 890-264/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 890-264/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-208-A-8-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-208-A-8-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-8	S-11A 1'R	Total/NA	Solid	8015NM Prep	
890-209-9	S-12 3'	Total/NA	Solid	8015NM Prep	
890-209-10	S-13 3'	Total/NA	Solid	8015NM Prep	
890-209-11	S-14 3'	Total/NA	Solid	8015NM Prep	
890-209-12	S-15 1'	Total/NA	Solid	8015NM Prep	
890-209-13	S-16 1'	Total/NA	Solid	8015NM Prep	
890-209-14	S-17 1'	Total/NA	Solid	8015NM Prep	
890-209-15	S-18 1'	Total/NA	Solid	8015NM Prep	
890-209-16	S-19 1'	Total/NA	Solid	8015NM Prep	
890-209-17	S-20 1'	Total/NA	Solid	8015NM Prep	
890-209-18	S-21 1'	Total/NA	Solid	8015NM Prep	
890-209-19	S-22 1'	Total/NA	Solid	8015NM Prep	
890-209-20	S-23 1'	Total/NA	Solid	8015NM Prep	
890-209-21	S-24 1'	Total/NA	Solid	8015NM Prep	
890-209-22	S-25 1'	Total/NA	Solid	8015NM Prep	
890-209-23	S-26 1'	Total/NA	Solid	8015NM Prep	
890-209-24	S-27 1'	Total/NA	Solid	8015NM Prep	
890-209-25	S-28 1'	Total/NA	Solid	8015NM Prep	
890-209-26	S-29 1'	Total/NA	Solid	8015NM Prep	
890-209-27	S-30 1'	Total/NA	Solid	8015NM Prep	
MB 890-265/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 890-265/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 890-265/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-209-8 MS	S-11A 1'R	Total/NA	Solid	8015NM Prep	
890-209-8 MSD	S-11A 1'R	Total/NA	Solid	8015NM Prep	

Prep Batch: 268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-28	S-31 1'	Total/NA	Solid	8015NM Prep	
890-209-29	S-32 1'	Total/NA	Solid	8015NM Prep	
890-209-30	S-33 1'	Total/NA	Solid	8015NM Prep	
890-209-31	S-34 1'	Total/NA	Solid	8015NM Prep	
890-209-32	S-35 1.5' R	Total/NA	Solid	8015NM Prep	
890-209-33	S-36 1.5' R'	Total/NA	Solid	8015NM Prep	
890-209-34	S-37 1'	Total/NA	Solid	8015NM Prep	
890-209-35	S-38 1.5'	Total/NA	Solid	8015NM Prep	
890-209-36	S-39 1'	Total/NA	Solid	8015NM Prep	
890-209-37	S-40 1'	Total/NA	Solid	8015NM Prep	
890-209-38	S-41 1.5'	Total/NA	Solid	8015NM Prep	
890-209-39	S-42 2'	Total/NA	Solid	8015NM Prep	
MB 890-268/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 890-268/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 890-268/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-209-28 MS	S-31 1'	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

GC Semi VOA (Continued)

Prep Batch: 268 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-28 MSD	S-31 1'	Total/NA	Solid	8015NM Prep	

Prep Batch: 280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-40	S-43 2'	Total/NA	Solid	8015NM Prep	
890-209-41	S-44 2'	Total/NA	Solid	8015NM Prep	
890-209-42	E.SW 2'	Total/NA	Solid	8015NM Prep	
890-209-43	W.SW-1 1'	Total/NA	Solid	8015NM Prep	
890-209-44	W.SW-2 1'	Total/NA	Solid	8015NM Prep	
890-209-45	N.SW-1 1'	Total/NA	Solid	8015NM Prep	
890-209-46	N.SW-2 1'	Total/NA	Solid	8015NM Prep	
890-209-47	S.SW-1 1'	Total/NA	Solid	8015NM Prep	
890-209-48	S.SW-2 1'	Total/NA	Solid	8015NM Prep	
890-209-49	N.SW-3 1'-2'	Total/NA	Solid	8015NM Prep	
MB 890-280/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 890-280/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 890-280/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-209-48 MS	S.SW-2 1'	Total/NA	Solid	8015NM Prep	
890-209-48 MSD	S.SW-2 1'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-28	S-31 1'	Total/NA	Solid	8015B NM	268
890-209-29	S-32 1'	Total/NA	Solid	8015B NM	268
890-209-30	S-33 1'	Total/NA	Solid	8015B NM	268
890-209-31	S-34 1'	Total/NA	Solid	8015B NM	268
890-209-32	S-35 1.5' R	Total/NA	Solid	8015B NM	268
890-209-33	S-36 1.5' R'	Total/NA	Solid	8015B NM	268
890-209-34	S-37 1'	Total/NA	Solid	8015B NM	268
890-209-35	S-38 1.5'	Total/NA	Solid	8015B NM	268
890-209-36	S-39 1'	Total/NA	Solid	8015B NM	268
890-209-37	S-40 1'	Total/NA	Solid	8015B NM	268
890-209-38	S-41 1.5'	Total/NA	Solid	8015B NM	268
890-209-39	S-42 2'	Total/NA	Solid	8015B NM	268
MB 890-268/1-A	Method Blank	Total/NA	Solid	8015B NM	268
LCS 890-268/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	268
LCSD 890-268/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	268
890-209-28 MS	S-31 1'	Total/NA	Solid	8015B NM	268
890-209-28 MSD	S-31 1'	Total/NA	Solid	8015B NM	268

Analysis Batch: 282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-40	S-43 2'	Total/NA	Solid	8015B NM	280
890-209-41	S-44 2'	Total/NA	Solid	8015B NM	280
890-209-42	E.SW 2'	Total/NA	Solid	8015B NM	280
890-209-43	W.SW-1 1'	Total/NA	Solid	8015B NM	280
890-209-44	W.SW-2 1'	Total/NA	Solid	8015B NM	280
890-209-45	N.SW-1 1'	Total/NA	Solid	8015B NM	280
890-209-46	N.SW-2 1'	Total/NA	Solid	8015B NM	280
890-209-47	S.SW-1 1'	Total/NA	Solid	8015B NM	280
890-209-48	S.SW-2 1'	Total/NA	Solid	8015B NM	280

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

GC Semi VOA (Continued)

Analysis Batch: 282 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-49	N.SW-3 1'-2'	Total/NA	Solid	8015B NM	280
MB 890-280/1-A	Method Blank	Total/NA	Solid	8015B NM	280
LCS 890-280/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	280
LCSD 890-280/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	280
890-209-48 MS	S.SW-2 1'	Total/NA	Solid	8015B NM	280
890-209-48 MSD	S.SW-2 1'	Total/NA	Solid	8015B NM	280

HPLC/IC

Leach Batch: 272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-15	S-18 1'	Soluble	Solid	DI Leach	
890-209-16	S-19 1'	Soluble	Solid	DI Leach	
890-209-17	S-20 1'	Soluble	Solid	DI Leach	
890-209-18	S-21 1'	Soluble	Solid	DI Leach	
890-209-19	S-22 1'	Soluble	Solid	DI Leach	
890-209-20	S-23 1'	Soluble	Solid	DI Leach	
890-209-21	S-24 1'	Soluble	Solid	DI Leach	
890-209-22	S-25 1'	Soluble	Solid	DI Leach	
890-209-23	S-26 1'	Soluble	Solid	DI Leach	
890-209-24	S-27 1'	Soluble	Solid	DI Leach	
890-209-25	S-28 1'	Soluble	Solid	DI Leach	
890-209-26	S-29 1'	Soluble	Solid	DI Leach	
890-209-27	S-30 1'	Soluble	Solid	DI Leach	
890-209-28	S-31 1'	Soluble	Solid	DI Leach	
890-209-29	S-32 1'	Soluble	Solid	DI Leach	
890-209-30	S-33 1'	Soluble	Solid	DI Leach	
890-209-31	S-34 1'	Soluble	Solid	DI Leach	
890-209-32	S-35 1.5' R	Soluble	Solid	DI Leach	
890-209-33	S-36 1.5' R'	Soluble	Solid	DI Leach	
890-209-34	S-37 1'	Soluble	Solid	DI Leach	
MB 890-272/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 890-272/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 890-272/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-209-15 MS	S-18 1'	Soluble	Solid	DI Leach	
890-209-15 MSD	S-18 1'	Soluble	Solid	DI Leach	
890-209-25 MS	S-28 1'	Soluble	Solid	DI Leach	
890-209-25 MSD	S-28 1'	Soluble	Solid	DI Leach	

Leach Batch: 273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-35	S-38 1.5'	Soluble	Solid	DI Leach	
890-209-36	S-39 1'	Soluble	Solid	DI Leach	
890-209-37	S-40 1'	Soluble	Solid	DI Leach	
890-209-38	S-41 1.5'	Soluble	Solid	DI Leach	
890-209-39	S-42 2'	Soluble	Solid	DI Leach	
890-209-40	S-43 2'	Soluble	Solid	DI Leach	
890-209-41	S-44 2'	Soluble	Solid	DI Leach	
890-209-42	E.SW 2'	Soluble	Solid	DI Leach	
890-209-43	W.SW-1 1'	Soluble	Solid	DI Leach	
890-209-44	W.SW-2 1'	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

HPLC/IC (Continued)

Leach Batch: 273 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-45	N.SW-1 1'	Soluble	Solid	DI Leach	
890-209-46	N.SW-2 1'	Soluble	Solid	DI Leach	
890-209-47	S.SW-1 1'	Soluble	Solid	DI Leach	
890-209-48	S.SW-2 1'	Soluble	Solid	DI Leach	
890-209-49	N.SW-3 1'-2'	Soluble	Solid	DI Leach	
MB 890-273/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 890-273/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 890-273/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-209-35 MS	S-38 1.5'	Soluble	Solid	DI Leach	
890-209-35 MSD	S-38 1.5'	Soluble	Solid	DI Leach	
890-209-45 MS	N.SW-1 1'	Soluble	Solid	DI Leach	
890-209-45 MSD	N.SW-1 1'	Soluble	Solid	DI Leach	

Analysis Batch: 275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-15	S-18 1'	Soluble	Solid	300.0	272
890-209-16	S-19 1'	Soluble	Solid	300.0	272
890-209-17	S-20 1'	Soluble	Solid	300.0	272
890-209-18	S-21 1'	Soluble	Solid	300.0	272
890-209-19	S-22 1'	Soluble	Solid	300.0	272
890-209-20	S-23 1'	Soluble	Solid	300.0	272
890-209-21	S-24 1'	Soluble	Solid	300.0	272
890-209-22	S-25 1'	Soluble	Solid	300.0	272
890-209-23	S-26 1'	Soluble	Solid	300.0	272
890-209-24	S-27 1'	Soluble	Solid	300.0	272
890-209-25	S-28 1'	Soluble	Solid	300.0	272
890-209-26	S-29 1'	Soluble	Solid	300.0	272
890-209-27	S-30 1'	Soluble	Solid	300.0	272
890-209-28	S-31 1'	Soluble	Solid	300.0	272
890-209-29	S-32 1'	Soluble	Solid	300.0	272
890-209-30	S-33 1'	Soluble	Solid	300.0	272
890-209-31	S-34 1'	Soluble	Solid	300.0	272
890-209-32	S-35 1.5' R	Soluble	Solid	300.0	272
890-209-33	S-36 1.5' R'	Soluble	Solid	300.0	272
890-209-34	S-37 1'	Soluble	Solid	300.0	272
890-209-35	S-38 1.5'	Soluble	Solid	300.0	273
890-209-36	S-39 1'	Soluble	Solid	300.0	273
890-209-37	S-40 1'	Soluble	Solid	300.0	273
890-209-38	S-41 1.5'	Soluble	Solid	300.0	273
890-209-39	S-42 2'	Soluble	Solid	300.0	273
890-209-40	S-43 2'	Soluble	Solid	300.0	273
890-209-41	S-44 2'	Soluble	Solid	300.0	273
890-209-42	E.SW 2'	Soluble	Solid	300.0	273
890-209-43	W.SW-1 1'	Soluble	Solid	300.0	273
890-209-44	W.SW-2 1'	Soluble	Solid	300.0	273
890-209-45	N.SW-1 1'	Soluble	Solid	300.0	273
890-209-46	N.SW-2 1'	Soluble	Solid	300.0	273
890-209-47	S.SW-1 1'	Soluble	Solid	300.0	273
890-209-48	S.SW-2 1'	Soluble	Solid	300.0	273
890-209-49	N.SW-3 1'-2'	Soluble	Solid	300.0	273
MB 890-272/1-A	Method Blank	Soluble	Solid	300.0	272

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

HPLC/IC (Continued)

Analysis Batch: 275 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 890-273/1-A	Method Blank	Soluble	Solid	300.0	273
LCS 890-272/2-A	Lab Control Sample	Soluble	Solid	300.0	272
LCS 890-273/2-A	Lab Control Sample	Soluble	Solid	300.0	273
LCSD 890-272/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	272
LCSD 890-273/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	273
890-209-15 MS	S-18 1'	Soluble	Solid	300.0	272
890-209-15 MSD	S-18 1'	Soluble	Solid	300.0	272
890-209-25 MS	S-28 1'	Soluble	Solid	300.0	272
890-209-25 MSD	S-28 1'	Soluble	Solid	300.0	272
890-209-35 MS	S-38 1.5'	Soluble	Solid	300.0	273
890-209-35 MSD	S-38 1.5'	Soluble	Solid	300.0	273
890-209-45 MS	N.SW-1 1'	Soluble	Solid	300.0	273
890-209-45 MSD	N.SW-1 1'	Soluble	Solid	300.0	273

Leach Batch: 276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-1	S-2A 2'	Soluble	Solid	DI Leach	
890-209-2	S-3 A 1'	Soluble	Solid	DI Leach	
890-209-3	S-6A 1'	Soluble	Solid	DI Leach	
890-209-4	S-7A 1.5' R	Soluble	Solid	DI Leach	
890-209-5	S-8A 1'	Soluble	Solid	DI Leach	
890-209-6	S-9A 1'	Soluble	Solid	DI Leach	
890-209-7	S-10A 1'	Soluble	Solid	DI Leach	
890-209-8	S-11A 1'R	Soluble	Solid	DI Leach	
890-209-9	S-12 3'	Soluble	Solid	DI Leach	
890-209-10	S-13 3'	Soluble	Solid	DI Leach	
890-209-11	S-14 3'	Soluble	Solid	DI Leach	
890-209-12	S-15 1'	Soluble	Solid	DI Leach	
890-209-13	S-16 1'	Soluble	Solid	DI Leach	
890-209-14	S-17 1'	Soluble	Solid	DI Leach	
MB 890-276/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 890-276/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 890-276/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-209-5 MS	S-8A 1'	Soluble	Solid	DI Leach	
890-209-5 MSD	S-8A 1'	Soluble	Solid	DI Leach	

Analysis Batch: 277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-1	S-2A 2'	Soluble	Solid	300.0	276
890-209-2	S-3 A 1'	Soluble	Solid	300.0	276
890-209-3	S-6A 1'	Soluble	Solid	300.0	276
890-209-4	S-7A 1.5' R	Soluble	Solid	300.0	276
890-209-5	S-8A 1'	Soluble	Solid	300.0	276
890-209-6	S-9A 1'	Soluble	Solid	300.0	276
890-209-7	S-10A 1'	Soluble	Solid	300.0	276
890-209-8	S-11A 1'R	Soluble	Solid	300.0	276
890-209-9	S-12 3'	Soluble	Solid	300.0	276
890-209-10	S-13 3'	Soluble	Solid	300.0	276
890-209-11	S-14 3'	Soluble	Solid	300.0	276
890-209-12	S-15 1'	Soluble	Solid	300.0	276
890-209-13	S-16 1'	Soluble	Solid	300.0	276

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

HPLC/IC (Continued)

Analysis Batch: 277 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-209-14	S-17 1'	Soluble	Solid	300.0	276
MB 890-276/1-A	Method Blank	Soluble	Solid	300.0	276
LCS 890-276/2-A	Lab Control Sample	Soluble	Solid	300.0	276
LCSD 890-276/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	276
890-209-5 MS	S-8A 1'	Soluble	Solid	300.0	276
890-209-5 MSD	S-8A 1'	Soluble	Solid	300.0	276

Lab Chronicle

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-2A 2'

Lab Sample ID: 890-209-1

Date Collected: 02/11/21 10:25

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			266	02/12/21 15:33	MC	XC
Total/NA	Analysis	8021B		1	279	02/17/21 09:20	PXS	XC
Total/NA	Prep	5035			266	02/12/21 15:33	MC	XC
Total/NA	Analysis	8021B		1	279	02/17/21 21:17	PXS	XC
Total/NA	Prep	8015NM Prep			264	02/12/21 15:18	MC	XC
Total/NA	Analysis	8015B NM		1	263	02/13/21 07:58	BJH	XC
Soluble	Leach	DI Leach			276	02/15/21 07:58	MC	XC
Soluble	Analysis	300.0		1	277	02/15/21 10:08	A1S	XC

Client Sample ID: S-3 A 1'

Lab Sample ID: 890-209-2

Date Collected: 02/10/21 14:15

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			266	02/12/21 15:33	MC	XC
Total/NA	Analysis	8021B		1	279	02/17/21 09:42	PXS	XC
Total/NA	Prep	8015NM Prep			264	02/12/21 15:18	MC	XC
Total/NA	Analysis	8015B NM		1	263	02/13/21 08:17	BJH	XC
Soluble	Leach	DI Leach			276	02/15/21 07:58	MC	XC
Soluble	Analysis	300.0		1	277	02/15/21 10:14	A1S	XC

Client Sample ID: S-6A 1'

Lab Sample ID: 890-209-3

Date Collected: 02/10/21 13:45

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			266	02/12/21 15:33	MC	XC
Total/NA	Analysis	8021B		1	279	02/17/21 10:27	PXS	XC
Total/NA	Prep	8015NM Prep			264	02/12/21 15:18	MC	XC
Total/NA	Analysis	8015B NM		1	263	02/13/21 08:55	BJH	XC
Soluble	Leach	DI Leach			276	02/15/21 07:58	MC	XC
Soluble	Analysis	300.0		1	277	02/15/21 10:20	A1S	XC

Client Sample ID: S-7A 1.5' R

Lab Sample ID: 890-209-4

Date Collected: 02/11/21 10:20

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			266	02/12/21 15:33	MC	XC
Total/NA	Analysis	8021B		1	279	02/17/21 10:49	PXS	XC
Total/NA	Prep	8015NM Prep			264	02/12/21 15:18	MC	XC
Total/NA	Analysis	8015B NM		1	263	02/13/21 09:14	BJH	XC
Soluble	Leach	DI Leach			276	02/15/21 07:58	MC	XC
Soluble	Analysis	300.0		1	277	02/15/21 10:25	A1S	XC

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Lab Chronicle

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-8A 1'

Lab Sample ID: 890-209-5

Date Collected: 02/10/21 09:55

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			266	02/12/21 15:33	MC	XC
Total/NA	Analysis	8021B		1	279	02/17/21 11:12	PXS	XC
Total/NA	Prep	8015NM Prep			264	02/12/21 15:18	MC	XC
Total/NA	Analysis	8015B NM		1	263	02/13/21 09:33	BJH	XC
Soluble	Leach	DI Leach			276	02/15/21 07:58	MC	XC
Soluble	Analysis	300.0		1	277	02/15/21 10:31	A1S	XC

Client Sample ID: S-9A 1'

Lab Sample ID: 890-209-6

Date Collected: 02/10/21 11:00

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			266	02/12/21 15:33	MC	XC
Total/NA	Analysis	8021B		1	279	02/17/21 11:34	PXS	XC
Total/NA	Prep	8015NM Prep			264	02/12/21 15:18	MC	XC
Total/NA	Analysis	8015B NM		1	263	02/13/21 09:52	BJH	XC
Soluble	Leach	DI Leach			276	02/15/21 07:58	MC	XC
Soluble	Analysis	300.0		1	277	02/15/21 10:48	A1S	XC

Client Sample ID: S-10A 1'

Lab Sample ID: 890-209-7

Date Collected: 02/10/21 10:30

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			266	02/12/21 15:33	MC	XC
Total/NA	Analysis	8021B		1	279	02/17/21 11:57	PXS	XC
Total/NA	Prep	8015NM Prep			264	02/12/21 15:18	MC	XC
Total/NA	Analysis	8015B NM		1	263	02/13/21 10:11	BJH	XC
Soluble	Leach	DI Leach			276	02/15/21 07:58	MC	XC
Soluble	Analysis	300.0		1	277	02/15/21 10:54	A1S	XC

Client Sample ID: S-11A 1'R

Lab Sample ID: 890-209-8

Date Collected: 02/10/21 09:35

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			266	02/12/21 15:33	MC	XC
Total/NA	Analysis	8021B		1	279	02/17/21 12:19	PXS	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 02:53	BJH	XC
Soluble	Leach	DI Leach			276	02/15/21 07:58	MC	XC
Soluble	Analysis	300.0		1	277	02/15/21 11:11	A1S	XC

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Lab Chronicle

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-12 3'

Lab Sample ID: 890-209-9

Date Collected: 02/10/21 09:40

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/12/21 19:38	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 03:50	BJH	XC
Soluble	Leach	DI Leach			276	02/15/21 07:58	MC	XC
Soluble	Analysis	300.0		1	277	02/15/21 11:16	A1S	XC

Client Sample ID: S-13 3'

Lab Sample ID: 890-209-10

Date Collected: 02/10/21 09:45

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/12/21 20:45	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 04:09	BJH	XC
Soluble	Leach	DI Leach			276	02/15/21 07:58	MC	XC
Soluble	Analysis	300.0		1	277	02/15/21 11:22	A1S	XC

Client Sample ID: S-14 3'

Lab Sample ID: 890-209-11

Date Collected: 02/10/21 09:50

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/12/21 21:07	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 04:28	BJH	XC
Soluble	Leach	DI Leach			276	02/15/21 07:58	MC	XC
Soluble	Analysis	300.0		1	277	02/15/21 11:28	A1S	XC

Client Sample ID: S-15 1'

Lab Sample ID: 890-209-12

Date Collected: 02/10/21 10:00

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/12/21 21:30	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 04:47	BJH	XC
Soluble	Leach	DI Leach			276	02/15/21 07:58	MC	XC
Soluble	Analysis	300.0		1	277	02/15/21 11:33	A1S	XC

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Lab Chronicle

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-16 1'

Date Collected: 02/10/21 10:35

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/12/21 21:52	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 05:26	BJH	XC
Soluble	Leach	DI Leach			276	02/15/21 07:58	MC	XC
Soluble	Analysis	300.0		1	277	02/15/21 11:39	A1S	XC

Client Sample ID: S-17 1'

Date Collected: 02/10/21 10:40

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/12/21 22:37	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 05:45	BJH	XC
Soluble	Leach	DI Leach			276	02/15/21 07:58	MC	XC
Soluble	Analysis	300.0		1	277	02/15/21 11:45	A1S	XC

Client Sample ID: S-18 1'

Date Collected: 02/10/21 10:45

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/12/21 23:00	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 06:04	BJH	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/12/21 23:05	BJH	XC

Client Sample ID: S-19 1'

Date Collected: 02/10/21 10:50

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/12/21 23:22	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 06:23	BJH	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/12/21 23:22	BJH	XC

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Lab Chronicle

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-20 1'

Date Collected: 02/10/21 10:55

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/12/21 23:44	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 06:42	BJH	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/12/21 23:27	BJH	XC

Client Sample ID: S-21 1'

Date Collected: 02/10/21 12:30

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 00:07	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 07:01	BJH	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/12/21 23:33	BJH	XC

Client Sample ID: S-22 1'

Date Collected: 02/10/21 12:35

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 00:29	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 07:20	BJH	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/12/21 23:39	BJH	XC

Client Sample ID: S-23 1'

Date Collected: 02/10/21 12:40

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 00:52	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 07:39	BJH	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/12/21 23:56	BJH	XC

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Lab Chronicle

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-24 1'

Date Collected: 02/10/21 12:45

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 01:14	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 07:58	BJH	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 00:01	BJH	XC

Client Sample ID: S-25 1'

Date Collected: 02/10/21 12:50

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 01:36	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 08:17	BJH	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 00:07	BJH	XC

Client Sample ID: S-26 1'

Date Collected: 02/10/21 13:40

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 02:21	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 08:55	BJH	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 00:13	BJH	XC

Client Sample ID: S-27 1'

Date Collected: 02/10/21 13:45

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 02:44	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 09:14	BJH	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 00:18	BJH	XC

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Lab Chronicle

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-28 1'

Date Collected: 02/10/21 13:50

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 03:06	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 09:33	BJH	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 00:24	BJH	XC

Client Sample ID: S-29 1'

Date Collected: 02/10/21 13:55

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 03:28	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 09:52	BJH	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 00:41	BJH	XC

Client Sample ID: S-30 1'

Date Collected: 02/11/21 09:30

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 03:51	BJH	XC
Total/NA	Prep	8015NM Prep			265	02/12/21 15:21	MC	XC
Total/NA	Analysis	8015B NM		1	262	02/13/21 10:11	BJH	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 00:47	BJH	XC

Client Sample ID: S-31 1'

Date Collected: 02/11/21 09:35

Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			267	02/12/21 15:39	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 04:13	BJH	XC
Total/NA	Prep	8015NM Prep			268	02/17/21 07:41	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 12:32	T1S	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 01:04	BJH	XC

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Lab Chronicle

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-32 1'

Lab Sample ID: 890-209-29

Date Collected: 02/10/21 14:00

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 06:05	BJH	XC
Total/NA	Prep	8015NM Prep			268	02/17/21 07:41	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 13:31	T1S	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 01:09	BJH	XC

Client Sample ID: S-33 1'

Lab Sample ID: 890-209-30

Date Collected: 02/10/21 14:05

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 07:12	BJH	XC
Total/NA	Prep	8015NM Prep			268	02/17/21 07:41	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 13:50	T1S	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 01:15	BJH	XC

Client Sample ID: S-34 1'

Lab Sample ID: 890-209-31

Date Collected: 02/10/21 14:10

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 07:35	BJH	XC
Total/NA	Prep	8015NM Prep			268	02/17/21 07:41	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 14:10	T1S	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 01:21	BJH	XC

Client Sample ID: S-35 1.5' R

Lab Sample ID: 890-209-32

Date Collected: 02/11/21 09:40

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 07:57	BJH	XC
Total/NA	Prep	8015NM Prep			268	02/17/21 07:41	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 14:30	T1S	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 01:26	BJH	XC

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Lab Chronicle

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-36 1.5' R'

Lab Sample ID: 890-209-33

Date Collected: 02/11/21 09:45

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 08:20	BJH	XC
Total/NA	Prep	8015NM Prep			268	02/17/21 07:41	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 15:09	T1S	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 01:32	BJH	XC

Client Sample ID: S-37 1'

Lab Sample ID: 890-209-34

Date Collected: 02/11/21 09:50

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 09:04	BJH	XC
Total/NA	Prep	8015NM Prep			268	02/17/21 07:41	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 15:29	T1S	XC
Soluble	Leach	DI Leach			272	02/12/21 16:06	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 01:38	BJH	XC

Client Sample ID: S-38 1.5'

Lab Sample ID: 890-209-35

Date Collected: 02/11/21 09:55

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 09:27	BJH	XC
Total/NA	Prep	8015NM Prep			268	02/17/21 07:41	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 15:48	T1S	XC
Soluble	Leach	DI Leach			273	02/12/21 16:19	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 02:12	BJH	XC

Client Sample ID: S-39 1'

Lab Sample ID: 890-209-36

Date Collected: 02/11/21 10:00

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 09:49	BJH	XC
Total/NA	Prep	8015NM Prep			268	02/17/21 07:41	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 16:26	T1S	XC
Soluble	Leach	DI Leach			273	02/12/21 16:19	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 02:29	BJH	XC

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Lab Chronicle

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-40 1'

Lab Sample ID: 890-209-37

Date Collected: 02/11/21 10:05

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 10:12	BJH	XC
Total/NA	Prep	8015NM Prep			268	02/17/21 07:41	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 17:01	T1S	XC
Soluble	Leach	DI Leach			273	02/12/21 16:19	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 02:35	BJH	XC

Client Sample ID: S-41 1.5'

Lab Sample ID: 890-209-38

Date Collected: 02/11/21 10:10

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 10:34	BJH	XC
Total/NA	Prep	8015NM Prep			268	02/17/21 07:41	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 17:23	T1S	XC
Soluble	Leach	DI Leach			273	02/12/21 16:19	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 02:40	BJH	XC

Client Sample ID: S-42 2'

Lab Sample ID: 890-209-39

Date Collected: 02/11/21 10:15

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 10:57	BJH	XC
Total/NA	Prep	8015NM Prep			268	02/17/21 07:41	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 17:42	T1S	XC
Soluble	Leach	DI Leach			273	02/12/21 16:19	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 02:46	BJH	XC

Client Sample ID: S-43 2'

Lab Sample ID: 890-209-40

Date Collected: 02/11/21 10:30

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 11:19	BJH	XC
Total/NA	Prep	8015NM Prep			280	02/17/21 08:02	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 14:10	T1S	XC
Soluble	Leach	DI Leach			273	02/12/21 16:19	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 03:03	BJH	XC

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Lab Chronicle

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: S-44 2'

Lab Sample ID: 890-209-41

Date Collected: 02/11/21 10:35

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 11:41	BJH	XC
Total/NA	Prep	8015NM Prep			280	02/17/21 08:02	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 14:30	T1S	XC
Soluble	Leach	DI Leach			273	02/12/21 16:19	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 03:09	BJH	XC

Client Sample ID: E.SW 2'

Lab Sample ID: 890-209-42

Date Collected: 02/11/21 10:40

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 12:04	BJH	XC
Total/NA	Prep	8015NM Prep			280	02/17/21 08:02	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 15:09	T1S	XC
Soluble	Leach	DI Leach			273	02/12/21 16:19	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 03:14	BJH	XC

Client Sample ID: W.SW-1 1'

Lab Sample ID: 890-209-43

Date Collected: 02/10/21 09:30

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 12:26	BJH	XC
Total/NA	Prep	8015NM Prep			280	02/17/21 08:02	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 15:29	T1S	XC
Soluble	Leach	DI Leach			273	02/12/21 16:19	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 03:20	BJH	XC

Client Sample ID: W.SW-2 1'

Lab Sample ID: 890-209-44

Date Collected: 02/10/21 10:25

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 13:11	BJH	XC
Total/NA	Prep	8015NM Prep			280	02/17/21 08:02	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 15:48	T1S	XC
Soluble	Leach	DI Leach			273	02/12/21 16:19	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 03:26	BJH	XC

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Lab Chronicle

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: N.SW-1 1'

Lab Sample ID: 890-209-45

Date Collected: 02/10/21 13:15

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 13:34	BJH	XC
Total/NA	Prep	8015NM Prep			280	02/17/21 08:02	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 16:26	T1S	XC
Soluble	Leach	DI Leach			273	02/12/21 16:19	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 03:31	BJH	XC

Client Sample ID: N.SW-2 1'

Lab Sample ID: 890-209-46

Date Collected: 02/10/21 15:05

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 13:56	BJH	XC
Total/NA	Prep	8015NM Prep			280	02/17/21 08:02	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 17:01	T1S	XC
Soluble	Leach	DI Leach			273	02/12/21 16:19	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 03:48	BJH	XC

Client Sample ID: S.SW-1 1'

Lab Sample ID: 890-209-47

Date Collected: 02/10/21 13:10

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 14:18	BJH	XC
Total/NA	Prep	8015NM Prep			280	02/17/21 08:02	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 17:23	T1S	XC
Soluble	Leach	DI Leach			273	02/12/21 16:19	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 03:54	BJH	XC

Client Sample ID: S.SW-2 1'

Lab Sample ID: 890-209-48

Date Collected: 02/10/21 13:00

Matrix: Solid

Date Received: 02/12/21 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			270	02/12/21 15:52	MC	XC
Total/NA	Analysis	8021B		1	274	02/13/21 14:41	BJH	XC
Total/NA	Prep	8015NM Prep			280	02/17/21 08:02	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 12:32	T1S	XC
Soluble	Leach	DI Leach			273	02/12/21 16:19	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 05:14	BJH	XC

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Lab Chronicle

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Client Sample ID: N.SW-3 1'-2'
Date Collected: 02/10/21 14:30
Date Received: 02/12/21 12:15

Lab Sample ID: 890-209-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			278	02/16/21 11:20	MC	XC
Total/NA	Analysis	8021B		1	279	02/17/21 14:11	PXS	XC
Total/NA	Prep	8015NM Prep			280	02/17/21 08:02	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 13:31	T1S	XC
Soluble	Leach	DI Leach			273	02/12/21 16:19	MC	XC
Soluble	Analysis	300.0		1	275	02/13/21 05:20	BJH	XC

Laboratory References:
XC = Eurofins Xenco, Carlsbad, 1089 N Canal St., Carlsbad, NM 88220, TEL (575)988-3199

Accreditation/Certification Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Laboratory: Eurofins Xenco, Carlsbad

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Louisiana	NELAP	05092	06-30-21

Method Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XC
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XC
300.0	Anions, Ion Chromatography	MCAWW	XC
5035	Closed System Purge and Trap	SW846	XC
8015NM Prep	Microextraction	SW846	XC
DI Leach	Deionized Water Leaching Procedure	ASTM	XC

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

Laboratory References:

XC = Eurofins Xenco, Carlsbad, 1089 N Canal St., Carlsbad, NM 88220, TEL (575)988-3199

Eurofins Xenco, Carlsbad

Sample Summary

Client: Talon/LPE
Project/Site: EK 29 BS2 Fed Com

Job ID: 890-209-1
SDG: 702678.002.01

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
890-209-1	S-2A 2'	Solid	02/11/21 10:25	02/12/21 12:15	
890-209-2	S-3 A 1'	Solid	02/10/21 14:15	02/12/21 12:15	
890-209-3	S-6A 1'	Solid	02/10/21 13:45	02/12/21 12:15	
890-209-4	S-7A 1.5' R	Solid	02/11/21 10:20	02/12/21 12:15	
890-209-5	S-8A 1'	Solid	02/10/21 09:55	02/12/21 12:15	
890-209-6	S-9A 1'	Solid	02/10/21 11:00	02/12/21 12:15	
890-209-7	S-10A 1'	Solid	02/10/21 10:30	02/12/21 12:15	
890-209-8	S-11A 1'R	Solid	02/10/21 09:35	02/12/21 12:15	
890-209-9	S-12 3'	Solid	02/10/21 09:40	02/12/21 12:15	
890-209-10	S-13 3'	Solid	02/10/21 09:45	02/12/21 12:15	
890-209-11	S-14 3'	Solid	02/10/21 09:50	02/12/21 12:15	
890-209-12	S-15 1'	Solid	02/10/21 10:00	02/12/21 12:15	
890-209-13	S-16 1'	Solid	02/10/21 10:35	02/12/21 12:15	
890-209-14	S-17 1'	Solid	02/10/21 10:40	02/12/21 12:15	
890-209-15	S-18 1'	Solid	02/10/21 10:45	02/12/21 12:15	
890-209-16	S-19 1'	Solid	02/10/21 10:50	02/12/21 12:15	
890-209-17	S-20 1'	Solid	02/10/21 10:55	02/12/21 12:15	
890-209-18	S-21 1'	Solid	02/10/21 12:30	02/12/21 12:15	
890-209-19	S-22 1'	Solid	02/10/21 12:35	02/12/21 12:15	
890-209-20	S-23 1'	Solid	02/10/21 12:40	02/12/21 12:15	
890-209-21	S-24 1'	Solid	02/10/21 12:45	02/12/21 12:15	
890-209-22	S-25 1'	Solid	02/10/21 12:50	02/12/21 12:15	
890-209-23	S-26 1'	Solid	02/10/21 13:40	02/12/21 12:15	
890-209-24	S-27 1'	Solid	02/10/21 13:45	02/12/21 12:15	
890-209-25	S-28 1'	Solid	02/10/21 13:50	02/12/21 12:15	
890-209-26	S-29 1'	Solid	02/10/21 13:55	02/12/21 12:15	
890-209-27	S-30 1'	Solid	02/11/21 09:30	02/12/21 12:15	
890-209-28	S-31 1'	Solid	02/11/21 09:35	02/12/21 12:15	
890-209-29	S-32 1'	Solid	02/10/21 14:00	02/12/21 12:15	
890-209-30	S-33 1'	Solid	02/10/21 14:05	02/12/21 12:15	
890-209-31	S-34 1'	Solid	02/10/21 14:10	02/12/21 12:15	
890-209-32	S-35 1.5' R	Solid	02/11/21 09:40	02/12/21 12:15	
890-209-33	S-36 1.5' R'	Solid	02/11/21 09:45	02/12/21 12:15	
890-209-34	S-37 1'	Solid	02/11/21 09:50	02/12/21 12:15	
890-209-35	S-38 1.5'	Solid	02/11/21 09:55	02/12/21 12:15	
890-209-36	S-39 1'	Solid	02/11/21 10:00	02/12/21 12:15	
890-209-37	S-40 1'	Solid	02/11/21 10:05	02/12/21 12:15	
890-209-38	S-41 1.5'	Solid	02/11/21 10:10	02/12/21 12:15	
890-209-39	S-42 2'	Solid	02/11/21 10:15	02/12/21 12:15	
890-209-40	S-43 2'	Solid	02/11/21 10:30	02/12/21 12:15	
890-209-41	S-44 2'	Solid	02/11/21 10:35	02/12/21 12:15	
890-209-42	E.SW 2'	Solid	02/11/21 10:40	02/12/21 12:15	
890-209-43	W.SW-1 1'	Solid	02/10/21 09:30	02/12/21 12:15	
890-209-44	W.SW-2 1'	Solid	02/10/21 10:25	02/12/21 12:15	
890-209-45	N.SW-1 1'	Solid	02/10/21 13:15	02/12/21 12:15	
890-209-46	N.SW-2 1'	Solid	02/10/21 15:05	02/12/21 12:15	
890-209-47	S.SW-1 1'	Solid	02/10/21 13:10	02/12/21 12:15	
890-209-48	S.SW-2 1'	Solid	02/10/21 13:00	02/12/21 12:15	
890-209-49	N.SW-3 1'-2'	Solid	02/10/21 14:30	02/12/21 12:15	

Eurofins Xenco, Carlsbad



Environment Testing
Xenco

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Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

W:



890-209 Chain of Custody

www.xenco.com Page 1 of 5

Project Manager:	D. Adkins	Bill to: (if different)	Prima Exploration Inc.
Company Name:	Talon LPE	Company Name:	ATTN: Jacqueline Buczek
Address:	408 W. Texas Ave.	Address:	
City, State ZIP:	Artesia, NM 88210	City, State ZIP:	
Phone:	575.746.8768	Email:	dadkins@talonlpe.com mcollier@talonlpe.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	EK 29 BS2 Fed Com	Turn Around	☒ Routine ☐ Rush	Pres. Code	
Project Number:	702678.002.01	Due Date:			
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Michael Collier				
PO #:					
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Wet Ice: ☒ Yes ☒ No	Parameters		
Samples Received Intact:	☒ Yes ☒ No	Thermometer ID:	TMM007		
Cooler Custody Seals:	☒ Yes ☒ No	Correction Factor:	-0.2		
Sample Custody Seals:	☒ Yes ☒ No	Temperature Reading:	9.0		
Total Containers:	49	Corrected Temperature:	1.8		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes
S-2A 2'	Soil	2/11/2024	10:25	2'	Comp	1	BTEX	None: NO DI Water: H2O
S-3A 1'		2/12/2024	2:15	1'			TPH	Cool: Cool MeOH: Me
S-6A 1'		2/12/2024	1:45	1'			TOTAL CHLORIDES	HCL: HC HNO3: HN
S-7A 1.5'R		2/12/2024	10:20	1.5'R				H2SO4: H2 NaOH: Na
S-8A 1'		2/10/2024	9:55	1'				H3PO4: HP NaHSO4: NABIS
S-9A 1'			11:00	1'				Na2S2O3: NASO3
S-10A 1'			10:30	1'				Zn Acetate+NaOH: Zn
S-11A 1'R			9:35	1'R				NaOH+Ascorbic Acid: SARC
S-12A 3'			9:40	3'				
S-13 3'			9:45	3'				

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM	Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		ICLP / SPLP 6040: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471		

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. <i>Michael Collier</i>	<i>[Signature]</i>	2/12/21 12:15	2		
3			4		
5			6		



Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
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El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

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Work Order Comments	
Program: UST/ST	☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting: Level II	☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD	☐ ADAPT ☐ Other: _____

Project Name:		EK 29 BS2 Fed Com		Turn Around				Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:		702678.002.01		☒ Routine ☐ Rush														None: NO		DI Water: H ₂ O	
Project Location:		Lea County, NM		Due Date:														Cool: Cool		MeOH: Me	
Sampler's Name:		Michael Collier		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC		HNO ₃ : HN	
PO #:																		H ₂ SO ₄ : H ₂		NaOH: Na	
SAMPLE RECEIPT				Temp Blank:		Yes: No		Wait/See:		Yes: No								H ₃ PO ₄ : HP			
Samples Received Intact:				Yes: NO				Thermometer ID:										NaHSO ₄ : NABIS			
Cooler Custody Seals:				Yes: NO				Correction Factor:										Na ₂ S ₂ O ₅ : NaSO ₃			
Sample Custody Seals:				Yes: No		N/A		Temperature Reading:										Zn Acetate+NaOH: Zn			
Total Containers:								Corrected Temperature:										NaOH+Ascorbic Acid: SAPC			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	BTE	TPH	TOTAL
S-14 3'	Soil	2/10/2004	9:50	3'	Comp	1	✓	✓	✓
S-15 1'			10:00	1'					
S-16 1'			10:35	1'					
S-17 1'			10:40	1'					
S-18 1'			10:45	1'					
S-19 1'			10:50	1'					
S-20 1'			10:55	1'					
S-21 1'			12:30	1'					
S-22 1'			12:35	1'					
S-23 1'			12:40	1'					

Total	200.7 / 6010	200.8 / 6020:	8RCRA	13PPM	Texas	11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Ti	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed			TCMP-6PMP-6010	8RCRA	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Ti	U						Hg: 1631/245.1 / 7470 / 7471								

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>MLCalk</i>	<i>[Signature]</i>	3/1/21 12:15	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020



Environment Testing
Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenco.com Page 3 of 5

Project Manager:	D. Adkins	Bill to: (if different)	Prima Exploration Inc.
Company Name:	Talon LPE	Company Name:	ATTN: Jacqueline Buczek
Address:	408 W. Texas Ave.	Address:	
City, State ZIP:	Artesia, NM 88210	City, State ZIP:	
Phone:	575.746.8768	Email:	dadkins@talonlpe.com mcollier@talonlpe.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	EK 29 BS2 Fed Com	Turn Around	☒ Routine ☐ Rush	Pres. Code	
Project Number:	702678.002.01	Due Date:			
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Michael Collier				
PO #:					
SAMPLE RECEIPT	Temp Blank: Yes ☒ No ☐	Water Ice: Yes ☒ No ☐			
Samples Received In tact:	Yes ☒ No ☐	Thermometer:			
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:			
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:			
Total Containers:		Corrected Temperature:			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes
S-24 1'	Soil	2/10/2024	12:45	1'	Comp	1	✓ BTEX		None: NO DI Water: H ₂ O
S-25 1'			12:50	1'			✓ TPH		Cool: Cool MeOH: Me
S-26 1'			1:40	1'			✓ TOTAL CHLORIDES		HCL: HC HNO ₃ : HN
S-27 1'			1:45	1'					H ₂ SO ₄ : H ₂ NaOH: Na
S-28 1'			1:50	1'					H ₃ PO ₄ : HP
S-29 1'			1:55	1'					NaHSO ₄ : NABIS
S-30 1'		2/11/2024	9:30	1'					Na ₂ S ₂ O ₃ : NaSO ₃
S-31 1'		2/11/2024	9:35	1'					Zn Acetate+NaOH: Zn
S-32 1'		2/10/2024	2:00	1'					NaOH+Ascorbic Acid: SARC
S-33 1'		2/10/2024	2:05	1'					

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed: TELP+9PLP-0010 8RCRA SD AS BA BE CD CR CO CU PB MN MO NI SE AG TI U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$95.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	2/12/21 12:15	2		
3			4		
5			6		



Environment Testing
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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenco.com Page 4 of 5

Project Manager:	D. Adkins	Bill to: (if different)	Prima Exploration Inc.
Company Name:	Talon LPE	Company Name:	ATTN: Jacqueline Buczek
Address:	408 W. Texas Ave.	Address:	
City, State ZIP:	Artesia, NM 88210	City, State ZIP:	
Phone:	575.746.8768	Email:	dadkins@talonlpe.com mcollier@talonlpe.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	EK 29 BS2 Fed Com	Turn Around	☒ Routine ☐ Rush	Pres. Code	
Project Number:	702678.002.01	Due Date:			
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Michael Collier				
PO #:					
SAMPLE RECEIPT	Temp Blank:	Yes No	Wt Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer:			
Cooler Custody Seals:	Yes No	Correction Factor:			
Sample Custody Seals:	Yes No	Temperature Reading:			
Total Containers:	Yes No	Corrected Temperature:			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
S-34 1'	Soil	4/10/2021	2:10	1'	Comp	1	BTEx		None: NO DI Water: H ₂ O	
S-35 1.5'R		4/10/2021	9:40	1.5'R			TPH		Cool: Cool MeOH: Me	
S-36 1.5'R			9:45	1.5'R			TOTAL CHLORIDES		HCL: HC HNO ₃ : HN	
S-37 1'			9:50	1'					H ₂ SO ₄ : H ₂ NaOH: Na	
S-38 1.5'			9:55	1.5'					H ₃ PO ₄ : HP	
S-39 1'			10:00	1'					NaHSO ₄ : NABIS	
S-40 1'			10:05	1'					Na ₂ S ₂ O ₃ : NaSO ₃	
S-41 1.5'			10:10	1.5'					Zn Acetate+NaOH: Zn	
S-42 2'			10:15	2'					NaOH+Ascorbic Acid: SAPC	
S-43 2'			10:30	2'						

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed: TELP / SPLP 0010: 8RCRA SD AS BA BE CD CR CO CU Pb Mn Mo Ni Se Ag TI U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$95.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		2/10/21 12:15			



Environment Testing
Xenco

Chain of Custody

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El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 5 of 5

Project Manager:	D. Adkins	Bill to: (if different)	Prima Exploration Inc.
Company Name:	Talon LPE	Company Name:	ATTN: Jacqueline Buczek
Address:	408 W. Texas Ave.	Address:	
City, State ZIP:	Artesia, NM 88210	City, State ZIP:	
Phone:	575.746.8768	Email:	dadkins@talonlpe.com mcollier@talonlpe.com

Work Order Comments Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ State of Project: _____ Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐ Deliverables: EDD ☐ ADAPT ☐ Other: _____	
--	--

Project Name:	EK 29 BS2 Fed Com	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:	702678.002.01	Due Date:														None: NO	DI Water: H ₂ O
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me
Sampler's Name:	Michael Collier	Temp Blank:	Yes No	Wet Ice:	Yes No											HCL: HC	HNO ₃ : HN
PO #:		Thermometer ID:														H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No											H ₃ PO ₄ : HP	
Samples Received Intact:	Yes ☒ No ☐	Correction Factor:														NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐	Temperature Reading:														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐	Corrected Temperature:														Zn Acetate+NaOH: Zn	
Total Containers:																NaOH+Ascorbic Acid: SAPC	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters										Sample Comments									
S-44 2'	Soil	2/11/2021	10:35	2'	Comp	1	BTEX										Email Analyticals To									
E-5W 2'		2/11/2021	10:40	2'			TPH										Jacqueline Buczek									
W-5W-1 1'		2/10/2021	9:30	1'			TOTAL CHLORIDES																			
W-5W-2 1'			10:25	1'																						
W-5W-1 1'			1:15	1'																						
W-5W-2 1'			1:05	1'																						
S-5W-1 1'			1:10	1'																						
S-5W-2 1'			1:00	1'																						
W-5W-3 1-2'			2:30	1'-2'																						

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed: TELP / SPLP 6010 8RCRA SB AS BA BE CD CR CO CU PB MN MO NI SE AG TI U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>M. Adkins</i>	<i>[Signature]</i>	2/12/21 12:15	2		
3			4		
5			6		

Login Sample Receipt Checklist

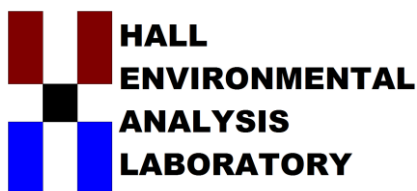
Client: Talon/LPE

Job Number: 890-209-1

SDG Number: 702678.002.01

Login Number: 209**List Number: 1****Creator: Clifton, Cloe****List Source: Eurofins Carlsbad**

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



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

March 02, 2021

David Adkins
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX:

RE: Prima EK 29 BS2

OrderNo.: 2102B75

Dear David Adkins:

Hall Environmental Analysis Laboratory received 1 sample(s) on 2/26/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2102B75

Date Reported: 3/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-18 1.5'

Project: Prima EK 29 BS2

Collection Date: 2/23/2021 1:20:00 PM

Lab ID: 2102B75-001

Matrix: SOIL

Received Date: 2/26/2021 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	140	59		mg/Kg	20	3/1/2021 8:02:03 PM	58397
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	86	9.8		mg/Kg	1	3/1/2021 11:10:38 AM	58371
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/1/2021 11:10:38 AM	58371
Surr: DNOP	87.9	70-130		%Rec	1	3/1/2021 11:10:38 AM	58371
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/2/2021 12:36:35 AM	58363
Surr: BFB	95.2	75.3-105		%Rec	1	3/2/2021 12:36:35 AM	58363
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/2/2021 12:36:35 AM	58363
Toluene	ND	0.049		mg/Kg	1	3/2/2021 12:36:35 AM	58363
Ethylbenzene	ND	0.049		mg/Kg	1	3/2/2021 12:36:35 AM	58363
Xylenes, Total	ND	0.097		mg/Kg	1	3/2/2021 12:36:35 AM	58363
Surr: 4-Bromofluorobenzene	96.0	80-120		%Rec	1	3/2/2021 12:36:35 AM	58363

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2102B75

02-Mar-21

Client: Talon Artesia

Project: Prima EK 29 BS2

Sample ID: MB-58397		SampType: MBLK			TestCode: EPA Method 300.0: Anions					
Client ID: PBS		Batch ID: 58397			RunNo: 75621					
Prep Date: 3/1/2021		Analysis Date: 3/1/2021			SeqNo: 2673881		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-58397		SampType: LCS			TestCode: EPA Method 300.0: Anions					
Client ID: LCSS		Batch ID: 58397			RunNo: 75621					
Prep Date: 3/1/2021		Analysis Date: 3/1/2021			SeqNo: 2673882		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.0	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 2 of 5

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2102B75

02-Mar-21

Client: Talon Artesia
Project: Prima EK 29 BS2

Sample ID: MB-58371	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 58371		RunNo: 75596							
Prep Date: 2/27/2021	Analysis Date: 3/1/2021		SeqNo: 2672617		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		101	70	130			

Sample ID: LCS-58371	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 58371		RunNo: 75596							
Prep Date: 2/27/2021	Analysis Date: 3/1/2021		SeqNo: 2672618		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	103	68.9	141			
Surr: DNOP	5.3		5.000		106	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2102B75

02-Mar-21

Client: Talon Artesia
Project: Prima EK 29 BS2

Sample ID: mb-58363	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 58363	RunNo: 75601								
Prep Date: 2/26/2021	Analysis Date: 3/1/2021	SeqNo: 2672880	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		96.0	75.3	105			

Sample ID: lcs-58363	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 58363	RunNo: 75601								
Prep Date: 2/26/2021	Analysis Date: 3/1/2021	SeqNo: 2672881	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	92.5	80	120			
Surr: BFB	1100		1000		106	75.3	105			S

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2102B75

02-Mar-21

Client: Talon Artesia
Project: Prima EK 29 BS2

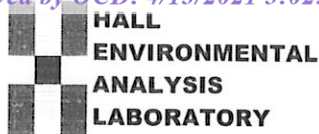
Sample ID: mb-58363	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 58363	RunNo: 75601								
Prep Date: 2/26/2021	Analysis Date: 3/1/2021	SeqNo: 2672926	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.97		1.000		96.8	80	120			

Sample ID: LCS-58363	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 58363	RunNo: 75601								
Prep Date: 2/26/2021	Analysis Date: 3/1/2021	SeqNo: 2672927	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	93.1	80	120			
Toluene	0.97	0.050	1.000	0	96.6	80	120			
Ethylbenzene	0.97	0.050	1.000	0	96.6	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.6	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		99.1	80	120			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Talon Artesia

Work Order Number: 2102B75

RcptNo: 1

Received By: Juan Rojas

2/26/2021 7:55:00 AM

Completed By: Desiree Dominguez

2/26/2021 8:23:49 AM

Reviewed By:

JR 2/26/21

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4$ " for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

TO

2/26/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.3	Good				

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 23913

CONDITIONS

Operator: Prima Exploration, Inc. 250 Fillmore Street, Ste. 500 Denver, CO 80206	OGRID: 329344
	Action Number: 23913
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
ceads	None	7/8/2021