

Incident ID	nAPP2201838002
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ 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: Arsenio T. Jones Title: Regulatory, Environmental and Safety Specialist

Signature:  Date: 3/1/2022

email: arsenio.jones@matadorresources.com Telephone: 575-361-4333

OCD Only

Received by: Jocelyn Harimon Date: 05/09/2023

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: Robert Hamlet Date: 9/27/2023

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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Closure Report

Tony La Russa State Tank Battery
Eddy County, New Mexico
Incident # nAPP2201838002
E-03-24S-27E

Prepared For:

Matador Production Company
One Lincoln Center
Dallas, TX 75240

Prepared By:

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

March 01, 2022



Mr. Chad Hensley
NMOCD District 2
811 South First Street
Artesia, New Mexico 88210

Subject: **Closure Report**
Tony La Russa State Tank Battery
Eddy County, New Mexico
Incident # nAPP2201838002
E-03-24S-27E

Dear Mr. Hensley,

Matador Production Company contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The incident description, soil sampling results, remedial actions and closure request is presented herein.

Site Information

The Tony La Russa State Tank Battery is located approximately twenty (22) miles south of Carlsbad, New Mexico. The legal location for this release is Unit Letter E, Section 03, Township 24 South and Range 27 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.253532 and -104.181126. A Site Location Map is presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Reagan loam, 0 to 3 percent slopes. The referenced soil data is presented in [Appendix II](#). Per the New Mexico Bureau of Geology and Mineral Resources, the local geology consists of the Ogallala Formation, lower Pliocene to Middle Miocene in age, and comprised of alluvium and eolian deposits derived from sedimentary rock of the southern high plains. Drainage courses in this area are typically well drained.

Ground Water and Site Characterization

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 67 feet below ground surface (bgs). See [Appendix II](#) for the referenced groundwater depth. Further research of the Bureau of Land Management Karst data indicates that this site is not located within a potential Karst area.

If a release occurs within the following areas, the responsible party must treat the release as if it occurred in an area where the groundwater is less than 50 feet bgs, Table I, New Mexico Oil Conservation Division (NMOCD) Rule 19.15.29 NMAC.

Approximate Depth to Groundwater	67 Feet/bgs
---	--------------------

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

Because the release occurred on a location where the impact traversed to pasture area, the clean-up criteria for the upper 4 feet of this site per NMAC 19.15.29.13.D is as follows:

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

Incident Description

During routine site visit activities on January 17, 2022 Matador personnel noticed pasture impact caused from a Nipple valve leak located on the SWD (Salt Water Disposal) filter pot, a C-141 spill notification was filed with the NMOCD, and is referenced in [Appendix III](#). The site map is presented in [Appendix I](#).

Site Assessment

On January 17, 2022, Talon mobilized personnel to the site to conduct an initial site assessment. The impacted area was mapped utilizing a Trimble Juno 3B, photographed and sampled utilizing a hand auger. All soil samples were properly packaged, preserved, and transported to Eurofins Environmental Testing Laboratories via chain of custody for analysis of Total Chlorides (EPA Method 300.0), TPH (EPA Method 8015M), and BTEX (EPA Method 8021B). Sample locations are shown on the attached Figure 2 ([Appendix I](#)) and the results of our sampling event are presented on the following data table.

Table I
01/20/2021 Soil Sample Laboratory Results

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
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
BG1	1/17/2022	0-1'	ND	ND	ND	ND	ND	0	565
BG2	1/17/2022	0-1'	ND	ND	ND	ND	ND	0	4.65
BG3	1/17/2022	0-1'	ND	ND	ND	ND	ND	0	5.45
BG4	1/17/2022	0-1'	0.00196	ND	ND	ND	ND	0	12.5
S.1	1/17/2022	1'	ND	ND	ND	ND	ND	0	7840
S.2	1/17/2022	1'	ND	0.00142	ND	ND	ND	0	49.2
S.3	1/17/2022	1'	ND	0.00219	ND	ND	ND	0	450
	1/17/2022	2'	ND	ND	ND	ND	ND	0	204
S.4	1/17/2022	1'	ND	ND	ND	ND	ND	0	344
S.5	1/17/2022	1'	0.000425	<0.00398	ND	ND	ND	0	1700
	1/17/2022	2'	ND	ND	ND	ND	ND	0	164
S.6	1/17/2022	1'	0.00121	ND	ND	ND	ND	0	152
	1/17/2022	2'	ND	ND	ND	ND	ND	0	37.9

ND=Analyte Not Detected

BG=Background Sample Position

See Appendix [V](#) for the complete report of laboratory results.

On January 28th through February 17th, 2022, respectively based on the laboratory results from the initial site assessment and upon client authorization, Talon personnel and equipment were mobilized to the site to complete horizontal and vertical remediation of the impacted area. Field titration data was used to guide the excavation. Pursuant to 19.15.29.12(D)(1)(c) NMAC, composite soil samples were collected from bottom and sidewalls of the excavated area on a 200 square foot five-point composite basis. All soil samples were properly collected and preserved for transport to Eurofins and Cardinal Laboratories in order to confirm that NMOCD clean-up criteria had been achieved. The confirmation results from the laboratory are tabulated below. Confirmation sample locations are illustrated on Figure 3 (Appendix I).

Table II
02/18/2022 Soil Sample Laboratory Results

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
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S1A	1/28/2022	3'	ND	ND	23.9	ND	ND	23.9	341
S2A	1/28/2022	3'	ND	ND	23.3	ND	ND	23.3	368
S3A	1/28/2022	3'	ND	ND	22.8	ND	ND	22.8	325
S4A	1/28/2022	2'	ND	ND	23.9	ND	ND	23.9	3360
S4B	2/17/2022	3'	ND	ND	ND	ND	ND	0	112
S5A	1/28/2022	3'	ND	ND	29	ND	ND	29	189
S6A	1/28/2022	2'	ND	ND	21.5	ND	ND	21.5	760
S6B	2/17/2022	3'	ND	ND	ND	ND	ND	0	160
S7A	1/28/2022	2'	ND	ND	16.8	ND	ND	16.8	828
S7B	2/17/2022	3'	ND	ND	ND	ND	ND	0	144
S8A	1/28/2022	3'	ND	ND	25.3	ND	ND	25.3	618
SW-1	2/10/2022	2'	ND	ND	ND	ND	ND	0	36.6
S9A	1/28/2022	3'	ND	ND	22.8	ND	ND	22.8	32.1
S10A	1/28/2022	3'	ND	ND	ND	ND	ND	0	383
S11A	1/28/2022	3'	ND	ND	33.2	ND	ND	33.2	344
S12A	1/28/2022	3'	ND	ND	22.7	18.3	ND	41	460
S13A	1/28/2022	3'	ND	ND	21.5	ND	ND	21.5	34.7
S14A	1/28/2022	3'	ND	ND	25.5	ND	ND	25.5	518
S15A	1/28/2022	3'	0.00611	0.00125	ND	ND	ND	0	68.3
S16A	1/28/2022	3'	ND	ND	23.3	ND	ND	23.3	464
S17A	1/28/2022	2'	ND	ND	24.7	ND	ND	0	856
S17B	2/17/2022	3'	ND	ND	ND	10.3	ND	10.3	160
S18A	1/28/2022	2'	ND	ND	15.3	ND	ND	15.3	881
S18B	2/17/2022	3'	ND	ND	ND	ND	ND	0	192
S19A	1/28/2022	3'	0.00545	0.000799	26.9	ND	ND	26.9	323
S20A	1/28/2022	3'	0.00313	0.000918	23.5	ND	ND	23.5	52.3
S21A	1/28/2022	2'	0.00237	ND	26.8	ND	ND	26.8	950
S21B	2/14/2022	2.5'	ND	ND	ND	ND	ND	0	240
S22A	1/28/2022	3'	0.00118	0.00118	27.2	ND	ND	27.2	252
S23A	1/28/2022	3'	0.00244	0.000582	23.5	ND	ND	23.5	356
S24A	1/28/2022	3'	0.00195	ND	25.4	ND	ND	25.4	49.8
S25A	1/28/2022	3'	0.002	ND	23.7	ND	ND	23.7	361
S26A	1/28/2022	3'	ND	ND	27.3	ND	ND	27.3	334
S27A	1/28/2022	3'	0.00118	ND	25.9	ND	ND	25.9	252
S28A	1/28/2022	3'	ND	ND	24.4	ND	ND	24.4	179
S29A	1/28/2022	3'	ND	ND	ND	30.6	ND	30.6	248
SW-2	2/10/2022	2'	ND	ND	ND	69.4	ND	69.4	29.2
SW-3	2/10/2022	2'	ND	ND	ND	ND	ND	0	29.7
SW-4	2/10/2022	2'	ND	ND	ND	ND	ND	0	26.3
SW-5	2/10/2022	2'	ND	ND	ND	ND	ND	0	20.2
SW-6	2/10/2022	2'	ND	ND	ND	ND	ND	0	37.4

SW=Sidewall Sample ND = Analyte Not Detected

See Appendix V for the complete report of laboratory results.

Remedial Actions

- The spill footprint was excavated to depths of 2 feet to 3 feet bgs and to the horizontal extent that all surface staining and hydrocarbon odors were removed. Laboratory analysis confirms that NMOCD closure criteria for soil remediation has been achieved.
- Background and sidewall samples were obtained in order to confirm horizontal delineation as well as soil remediation for the spill area.
- The area in the vicinity of background sample S8A remediation was confirmed with a composite soil sample of the bottom and sidewall at position SW-1 as confirmation that NMOCD clean up criteria was met.
- All contaminated soil was transported to Lea Land, LLC, a NMOCD approved solid waste disposal facility.
- The excavated pad area was backfilled with clean caliche, compacted, and restored to grade.
- The excavated pasture area was backfilled with clean topsoil native to the area, terraced to match surrounding grade and will be seeded in the spring in order to facilitate germination with natural precipitation.

Closure

Based on this site characterization, remedial action completed, and analytical results, we request that no further actions be required and that closure with regard to 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

Rebecca Pons

Rebecca S. Pons
Senior Environmental Project Manager

Attachments:

Appendix I Site Plans
Appendix II Groundwater Data, Soil Survey
Appendix III C-141 Forms
Appendix IV Photographic Documentation
Appendix V Laboratory Data



Appendix I

Site Maps

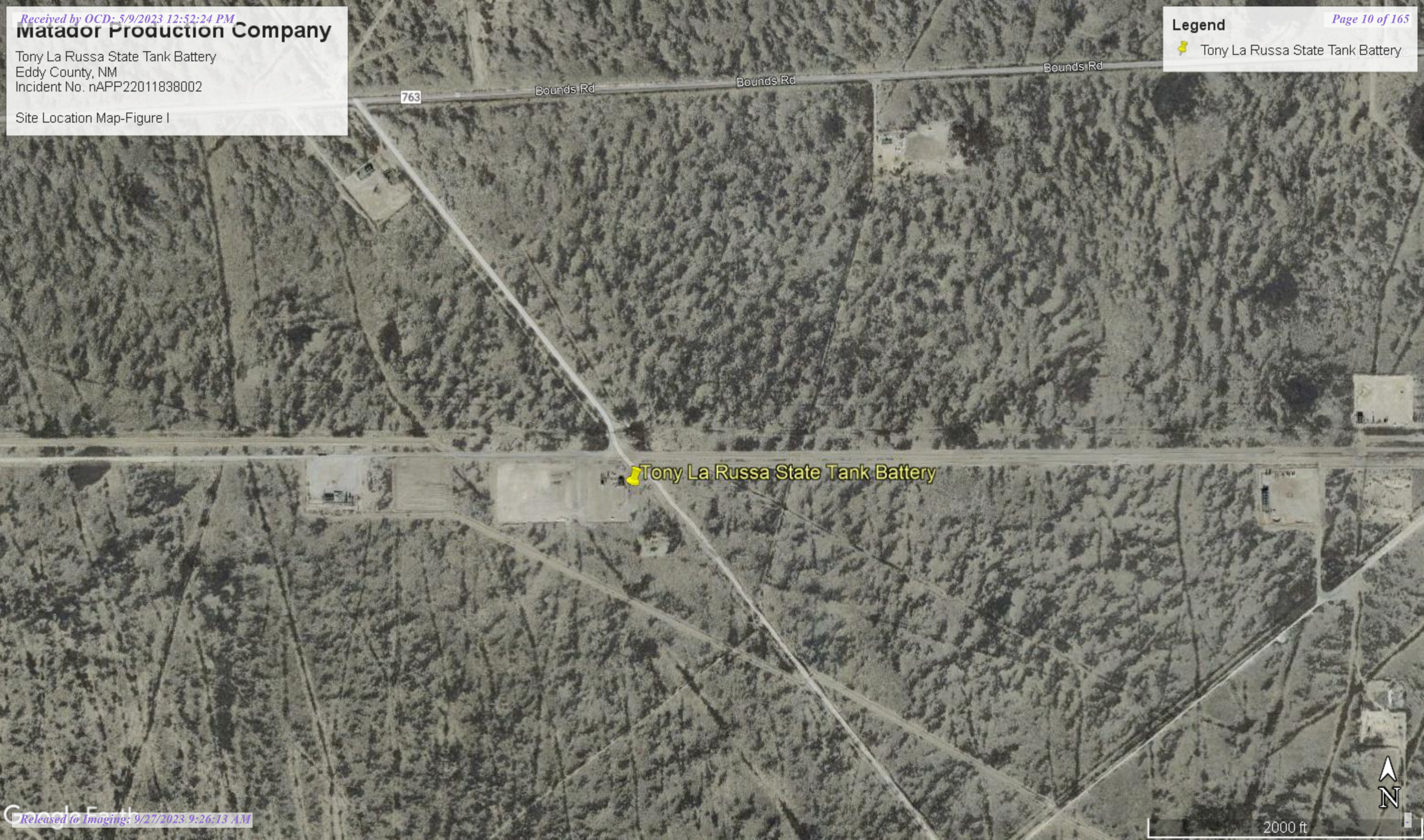
Matador Production Company

Tony La Russa State Tank Battery
Eddy County, NM
Incident No. nAPP22011838002

Site Location Map-Figure I

Legend

 Tony La Russa State Tank Battery d



Matador Resources, Inc.

La Russa State #004 SWD
API #30-015-45965

Eddy County, NM

Legend

Page 11 of 165

Impacted Area

Sample Position



80 ft

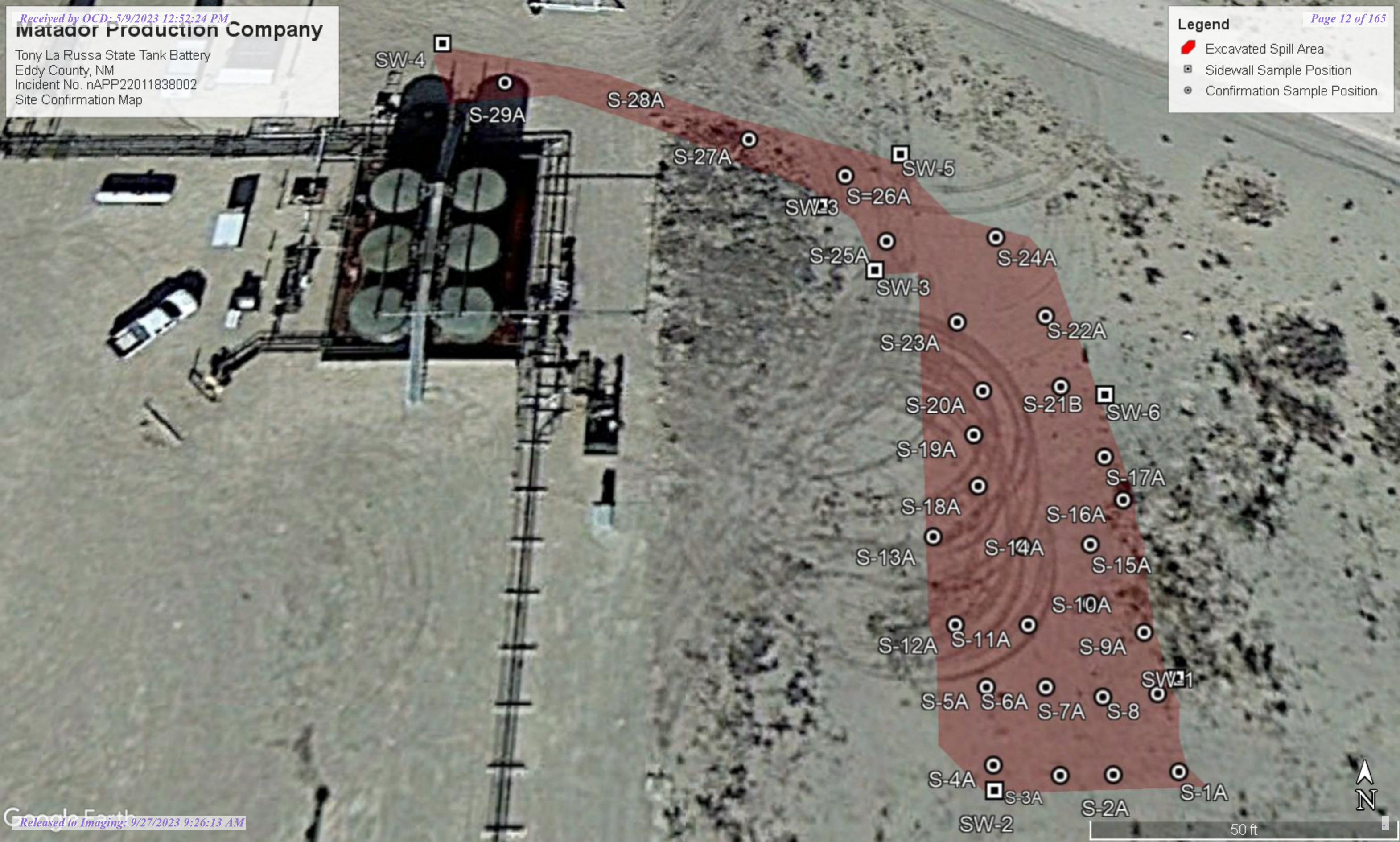
N

Matador Production Company

Tony La Russa State Tank Battery
Eddy County, NM
Incident No. nAPP22011838002
Site Confirmation Map

Legend

-  Excavated Spill Area
-  Sidewall Sample Position
-  Confirmation Sample Position



Matador Production Company

Tony La Russa State Tank Battery
Incident No. nAPP22011838002
Eddy County, NM

Karst Map

Legend

- High
- Low
- Medium



Matador Production Company

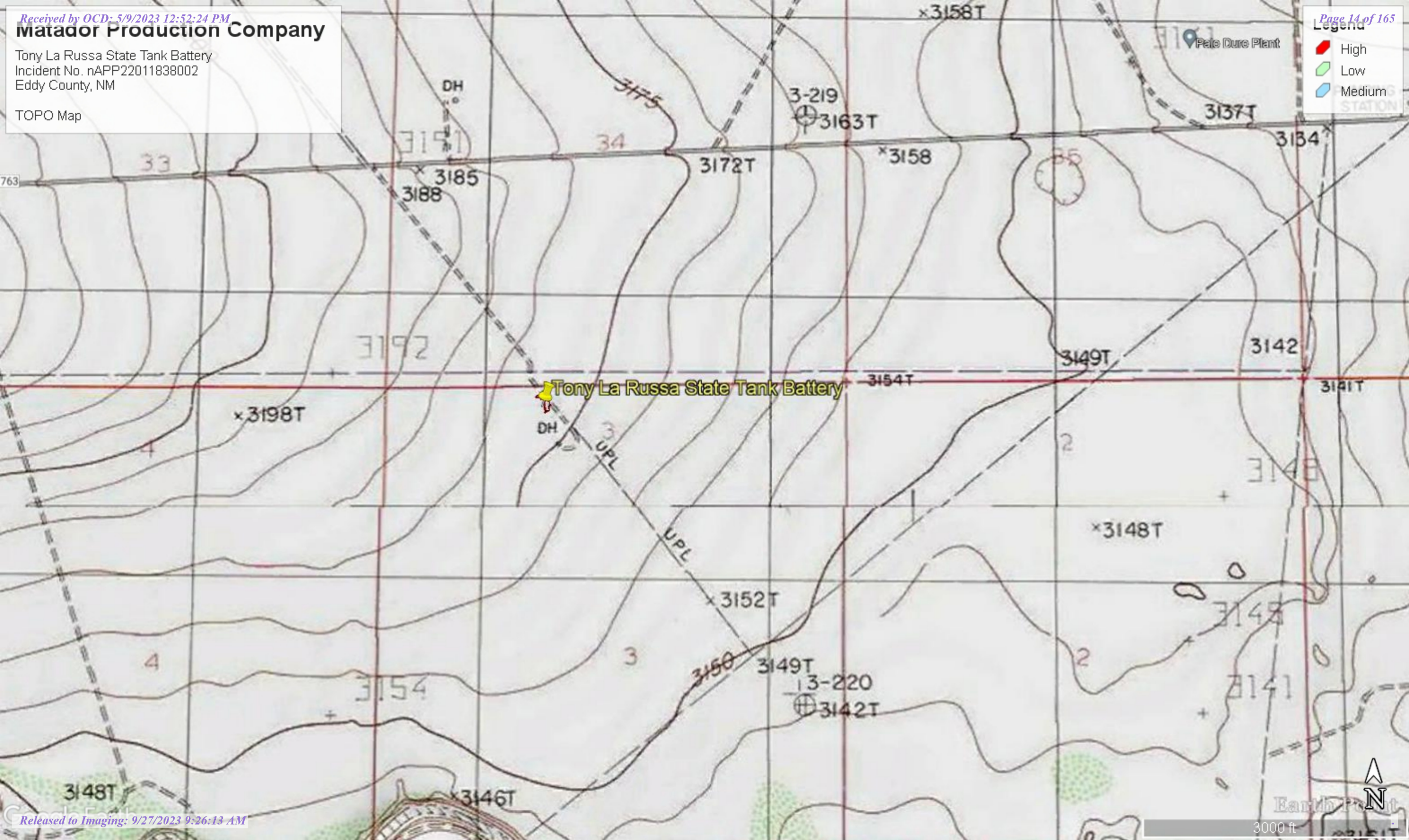
Tony La Russa State Tank Battery
Incident No. nAPP22011838002
Eddy County, NM

TOPO Map

Legend

- High
- Low
- Medium

STATION





Appendix II

Groundwater Data, & Soil Survey



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD	County	Q Q Q						X	Y	Distance	DepthWell	DepthWater	Water Column
		Sub-basin		64	16	4	Sec	Tws	Rng						
C_03031		C	ED	1	3	3	35	23S	27E	578315	3569206* 	1236	150	67	83
C_00364	C	CUB	ED		1	2	09	24S	27E	575997	3567043* 	2120	2270		
C_00821		C	ED		3	2	09	24S	27E	575996	3566635* 	2474	97	50	47
C_00850		C	ED		2	3	09	24S	27E	575595	3566223* 	3029	108	35	73
C_02453		C	ED	4	4	2	29	23S	27E	574876	3571372* 	3401	210	175	35
C_00518 POD2		CUB	ED	2	4	4	22	23S	27E	578105	3572431* 	3727	220	98	122
C_01366		CUB	ED			4	08	24S	27E	574590	3566003* 	3806	60	35	25
C_02377		C	ED			2	29	23S	27E	574575	3571666* 	3821	232	170	62
C_02567		C	ED	2	1	2	26	23S	27E	579314	3572049* 	3885	187	89	98
C_04572 POD1		C	ED	4	2	2	26	23S	27E	579665	3571950 	4015	128	60	68
C_03260 POD1		C	ED	3	3	3	12	24S	27E	579995	3565935 	4068	80	56	24
C_00516		CUB	ED	1	3	4	08	24S	27E	574288	3565901* 	4086	105	36	69
C_00516 CLW201016	O	CUB	ED	1	3	4	08	24S	27E	574288	3565901* 	4086	62		
C_00516 CLW308590	O	CUB	ED	1	3	4	08	24S	27E	574288	3565901* 	4086	105	36	69
C_00516 S		CUB	ED	1	3	4	08	24S	27E	574288	3565901 	4086	50	17	33
C_03260 POD2	O	C	ED	1	3	3	12	24S	27E	580100	3565984 	4109	80	56	24
C_02112		C	ED	1	3	4	13	21S	24E	573831	3571337 	4148	182	119	63
C_03147		C	ED	3	3	3	12	24S	27E	579885	3565715 	4154	140		
C_03489 POD1		CUB	ED	2	4	3	08	24S	27E	574153	3565939 	4154	200		
C_03092		C	ED	4	3	1	08	24S	27E	573678	3566501* 	4170	54	37	17
C_00518		CUB	ED	1	1	3	23	23S	27E	578310	3572840* 	4176	178		
C_00631		C	ED	3	3	4	08	24S	27E	574288	3565701* 	4232	50	24	26
C_00518 CLW197989	O	CUB	ED	2	1	3	23	23S	27E	578510	3572840* 	4237	210		
C_01261		CUB	ED				21	23S	27E	575780	3572889* 	4278	250		
C_02976		C	ED	4	2	3	12	24S	27E	580519	3566195* 	4288	57	27	30
C_00683		C	ED		4	3	08	24S	27E	573986	3565796* 	4375	50	17	33
C_01187		C	ED		4	3	08	24S	27E	573986	3565796* 	4375	108	17	91
C_00516 POD6		CUB	ED	1	4	3	08	24S	27E	573885	3565895* 	4381	78	17	61
C_03488 POD1		C	ED	4	3	1	23	23S	27E	578430	3573023 	4387	217	122	95
C_00347		CUB	ED		1	1	13	24S	27E	580010	3565479* 	4414	60	30	30
C_00516 POD10		CUB	ED	3	4	3	08	24S	27E	573875	3565722 	4506	160	45	115
C_03490 POD1		CUB	ED	3	4	3	08	24S	27E	573812	3565709 	4560	140	23	117
C_01943		C	ED		1	13	24S	27E	580221	3565275* 	4707	30	25	5	

C_00010 CLW191724	O	CUB	ED	2	3	2	25	23S	27E	580926	3571666*		4732	259		
C_00231 AS		CUB	ED	4	1	1	23	23S	27E	578512	3573447*		4816	230	100	130
C_00498		CUB	ED	4	1	1	23	23S	27E	578512	3573447*		4816	210	120	90
C_00498 CLW194833	O	CUB	ED	4	1	1	23	23S	27E	578512	3573447*		4816	165	80	85
C_03037		C	ED	4	3	4	12	24S	27E	580930	3565795*		4858	116	25	91
C_03390 POD1		C	ED	1	4	2	23	23S	27E	579511	3573200		4972	200	180	20
C_00342	C	CUB	ED		4	1	13	24S	27E	580432	3565080*		4992	2565		

Average Depth to Water: **64 feet**
Minimum Depth: **17 feet**
Maximum Depth: **180 feet**

Record Count: 40

UTMNAD83 Radius Search (in meters):

Easting (X): 577137 Northing (Y): 3568831.17 Radius: 5000

*UTM location was derived from PLSS - see Help

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

1/18/22 12:28 PM

WATER COLUMN/ AVERAGE DEPTH TO
WATER

Custom Soil Resource Report Soil Map



Custom Soil Resource Report

Eddy Area, New Mexico**RA—Reagan loam, 0 to 3 percent slopes****Map Unit Setting***National map unit symbol: 1w5c**Elevation: 1,100 to 4,400 feet**Mean annual precipitation: 7 to 14 inches**Mean annual air temperature: 60 to 70 degrees F**Frost-free period: 200 to 240 days**Farmland classification: Farmland of statewide importance***Map Unit Composition***Reagan and similar soils: 98 percent**Minor components: 2 percent**Estimates are based on observations, descriptions, and transects of the mapunit.***Description of Reagan****Setting***Landform: Fan remnants, alluvial fans**Landform position (three-dimensional): Rise**Down-slope shape: Convex, linear**Across-slope shape: Linear**Parent material: Alluvium and/or eolian deposits***Typical profile***H1 - 0 to 8 inches: loam**H2 - 8 to 60 inches: loam***Properties and qualities***Slope: 0 to 3 percent**Depth to restrictive feature: More than 80 inches**Drainage class: Well drained**Runoff class: Low**Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.60 to 2.00 in/hr)**Depth to water table: More than 80 inches**Frequency of flooding: None**Frequency of ponding: None**Calcium carbonate, maximum content: 40 percent**Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)**Sodium adsorption ratio, maximum: 1.0**Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)***Interpretive groups***Land capability classification (irrigated): 2e**Land capability classification (nonirrigated): 6e**Hydrologic Soil Group: B**Ecological site: R042XC007NM - Loamy**Hydric soil rating: No***Minor Components****Upton***Percent of map unit: 1 percent*

Custom Soil Resource Report

Ecological site: R042XC025NM - Shallow

Hydric soil rating: No

Atoka

Percent of map unit: 1 percent

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No



Appendix III

C-141 Forms

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2201838002
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Matador Production Company	OGRID: 228937
Contact Name: Arsenio T. Jones	Contact Telephone: 575-361-4333
Contact email: arsenio.jones@matadorresources.com	Incident # (assigned by OCD): nAPP2201838002
Contact mailing address: One Lincoln Centre Dallas, TX 75240	

Location of Release Source

Latitude 32.253532 Longitude -104.181126 (location of source)
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Tony La Russa State Tank Battery	Site Type: CTB
Date Release Discovered: 01/17/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
E	03	24S	27E	Eddy

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 20 bbls	Volume Recovered (bbls) 15bbls
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:

A produced water release occurred as a result of corrosion on the Nipple Valve located on the SWD filter pot.

Incident ID	nAPP2201838002
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notification was provided to the NMOCD on 01/18/2022 by Arsenio Jones of Matador (online).	

Initial Response

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

☒ The source of the release has been stopped. ☒ The impacted area has been secured to protect human health and the environment. ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Arsenio T. Jones</u> Title: <u>Regulatory, Environmental and Safety Specialist</u>	
Signature: <u><i>Clint Talley</i></u>	Date: <u>1/18/2022</u>
email: <u>__arsenio.jones@matadorresources.com__</u>	Telephone: <u>__575-361-4333__</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	nAPP2201838002
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>67</u> (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2201838002
District RP	
Facility ID	
Application ID	

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: Arsenio T. Jones Title: Regulatory, Environmental and Safety Specialist

Signature: *Clint Talley* Date: 1/13/2022

email: arsenio.jones@matadorresources.com Telephone: 575-361-4333

OCD Only

Received by: Jocelyn Harimon Date: 05/09/2023

Incident ID	nAPP2201838002
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ 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: Arsenio T. Jones Title: Regulatory, Environmental and Safety Specialist

Signature:  Date: 3/1/2022

email: arsenio.jones@matadorresources.com Telephone: 575-361-4333

OCD Only

Received by: Jocelyn Harimon Date: 05/09/2023

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: _____

Printed Name: _____ Title: _____



Appendix IV

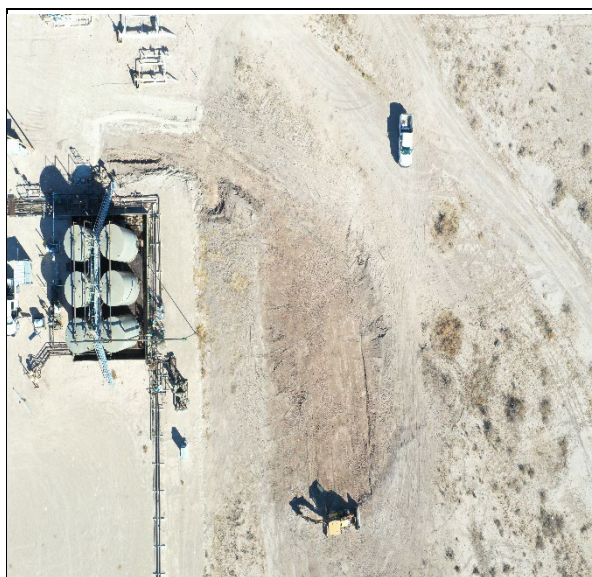
Photographic Documentation

**Photograph No.1 Description:**

Location photograph

**Photograph No.2 Description:**

Site assessment of spill area

**Photograph No.3 Description:**

Aerial of excavation

**Photograph No.4 Description:**

Aerial of excavation



Photograph No.5 Description:

Area of backfill in pasture



Photograph No.6 Description:

Area of backfill on pad to grade



Appendix V

Laboratory Data



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-1836-1
Client Project/Site: Tony La Ressa

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

Attn: Rebecca Pons

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

Authorized for release by:
1/20/2022 4:45:11 PM

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

LINKS

Review your project
results through
TotalAccess

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: Tony La Ressa

Laboratory Job ID: 890-1836-1

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Definitions/Glossary

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

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.
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
U	Analyte was not detected at or above the SDL.
X	Surrogate recovery exceeds control limits

GC Semi VOA

Qualifier	Qualifier Description
N2	RPD of the MS and MSD exceeds the control limits
U	Analyte was not detected at or above the SDL.

HPLC/IC

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.
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
U	Analyte was not detected at or above the SDL.

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

Eurofins Carlsbad

Case Narrative

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Job ID: 890-1836-1**Laboratory: Eurofins Carlsbad****Narrative****Job Narrative
890-1836-1****Receipt**

The samples were received on 1/17/2022 3:43 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 21.0°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-17114 and analytical batch 880-17206 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

GC Semi VOA

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 matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-17255 and analytical batch 880-17322 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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: Tony La Ressa

Job ID: 890-1836-1

Client Sample ID: BG1

Lab Sample ID: 890-1836-1

Date Collected: 01/17/22 02:00

Matrix: Solid

Date Received: 01/17/22 15:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000384	mg/Kg		01/19/22 07:30	01/19/22 13:44	1
Toluene	<0.00200	U	0.00200	0.000455	mg/Kg		01/19/22 07:30	01/19/22 13:44	1
Ethylbenzene	<0.00200	U	0.00200	0.000564	mg/Kg		01/19/22 07:30	01/19/22 13:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	0.00101	mg/Kg		01/19/22 07:30	01/19/22 13:44	1
o-Xylene	<0.00200	U	0.00200	0.000343	mg/Kg		01/19/22 07:30	01/19/22 13:44	1
Xylenes, Total	<0.00399	U	0.00399	0.00101	mg/Kg		01/19/22 07:30	01/19/22 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/19/22 07:30	01/19/22 13:44	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/19/22 07:30	01/19/22 13:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	0.00101	mg/Kg			01/20/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	15.0	mg/Kg			01/20/22 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/19/22 20:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/19/22 20:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/19/22 20:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	01/19/22 13:48	01/19/22 20:46	1
o-Terphenyl	86		70 - 130	01/19/22 13:48	01/19/22 20:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	565		24.9	4.27	mg/Kg			01/19/22 20:43	5

Client Sample ID: BG2

Lab Sample ID: 890-1836-2

Date Collected: 01/17/22 02:10

Matrix: Solid

Date Received: 01/17/22 15:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	0.000381	mg/Kg		01/19/22 07:30	01/19/22 14:04	1
Toluene	<0.00198	U	0.00198	0.000451	mg/Kg		01/19/22 07:30	01/19/22 14:04	1
Ethylbenzene	<0.00198	U	0.00198	0.000559	mg/Kg		01/19/22 07:30	01/19/22 14:04	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	0.00100	mg/Kg		01/19/22 07:30	01/19/22 14:04	1
o-Xylene	<0.00198	U	0.00198	0.000341	mg/Kg		01/19/22 07:30	01/19/22 14:04	1
Xylenes, Total	<0.00396	U	0.00396	0.00100	mg/Kg		01/19/22 07:30	01/19/22 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	01/19/22 07:30	01/19/22 14:04	1
1,4-Difluorobenzene (Surr)	75		70 - 130	01/19/22 07:30	01/19/22 14:04	1

Eurofins Carlsbad

Client Sample Results

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Client Sample ID: BG2

Lab Sample ID: 890-1836-2

Date Collected: 01/17/22 02:10

Matrix: Solid

Date Received: 01/17/22 15:43

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	0.00100	mg/Kg			01/20/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	15.0	mg/Kg			01/20/22 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/19/22 21:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/19/22 21:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/19/22 21:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				01/19/22 13:48	01/19/22 21:49	1
o-Terphenyl	102		70 - 130				01/19/22 13:48	01/19/22 21:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.65	J	4.95	0.850	mg/Kg			01/19/22 20:51	1

Client Sample ID: BG3

Lab Sample ID: 890-1836-3

Date Collected: 01/17/22 02:20

Matrix: Solid

Date Received: 01/17/22 15:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	0.000382	mg/Kg		01/19/22 09:46	01/19/22 14:25	1
Toluene	<0.00198	U	0.00198	0.000452	mg/Kg		01/19/22 09:46	01/19/22 14:25	1
Ethylbenzene	<0.00198	U	0.00198	0.000561	mg/Kg		01/19/22 09:46	01/19/22 14:25	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	0.00100	mg/Kg		01/19/22 09:46	01/19/22 14:25	1
o-Xylene	<0.00198	U	0.00198	0.000341	mg/Kg		01/19/22 09:46	01/19/22 14:25	1
Xylenes, Total	<0.00397	U	0.00397	0.00100	mg/Kg		01/19/22 09:46	01/19/22 14:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	X	70 - 130				01/19/22 09:46	01/19/22 14:25	1
1,4-Difluorobenzene (Surr)	126		70 - 130				01/19/22 09:46	01/19/22 14:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	0.00100	mg/Kg			01/20/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	15.0	mg/Kg			01/20/22 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/19/22 22:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/19/22 22:10	1

Eurofins Carlsbad

Client Sample Results

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Client Sample ID: BG3

Lab Sample ID: 890-1836-3

Date Collected: 01/17/22 02:20

Matrix: Solid

Date Received: 01/17/22 15:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/19/22 22:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				01/19/22 13:48	01/19/22 22:10	1
o-Terphenyl	94		70 - 130				01/19/22 13:48	01/19/22 22:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.45		4.95	0.850	mg/Kg			01/19/22 20:58	1

Client Sample ID: BG4

Lab Sample ID: 890-1836-4

Date Collected: 01/17/22 02:30

Matrix: Solid

Date Received: 01/17/22 15:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	0.000388	mg/Kg		01/19/22 09:46	01/19/22 16:28	1
Toluene	0.00114	J	0.00202	0.000460	mg/Kg		01/19/22 09:46	01/19/22 16:28	1
Ethylbenzene	<0.00202	U	0.00202	0.000570	mg/Kg		01/19/22 09:46	01/19/22 16:28	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	0.00102	mg/Kg		01/19/22 09:46	01/19/22 16:28	1
o-Xylene	0.000815	J	0.00202	0.000347	mg/Kg		01/19/22 09:46	01/19/22 16:28	1
Xylenes, Total	<0.00403	U	0.00403	0.00102	mg/Kg		01/19/22 09:46	01/19/22 16:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				01/19/22 09:46	01/19/22 16:28	1
1,4-Difluorobenzene (Surr)	114		70 - 130				01/19/22 09:46	01/19/22 16:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00196	J	0.00403	0.00102	mg/Kg			01/20/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	15.0	mg/Kg			01/20/22 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/19/22 22:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/19/22 22:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/19/22 22:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/19/22 13:48	01/19/22 22:31	1
o-Terphenyl	94		70 - 130				01/19/22 13:48	01/19/22 22:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.5		5.00	0.858	mg/Kg			01/19/22 21:06	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Client Sample ID: S.1 1'

Lab Sample ID: 890-1836-5

Date Collected: 01/17/22 13:00

Matrix: Solid

Date Received: 01/17/22 15:43

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	0.000387	mg/Kg		01/19/22 09:46	01/19/22 16:48	1
Toluene	<0.00201	U	0.00201	0.000459	mg/Kg		01/19/22 09:46	01/19/22 16:48	1
Ethylbenzene	<0.00201	U	0.00201	0.000568	mg/Kg		01/19/22 09:46	01/19/22 16:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	0.00102	mg/Kg		01/19/22 09:46	01/19/22 16:48	1
o-Xylene	<0.00201	U	0.00201	0.000346	mg/Kg		01/19/22 09:46	01/19/22 16:48	1
Xylenes, Total	<0.00402	U	0.00402	0.00102	mg/Kg		01/19/22 09:46	01/19/22 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	01/19/22 09:46	01/19/22 16:48	1
1,4-Difluorobenzene (Surr)	107		70 - 130	01/19/22 09:46	01/19/22 16:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	0.00102	mg/Kg			01/20/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	15.0	mg/Kg			01/20/22 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/19/22 22:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/19/22 22:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/19/22 22:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	01/19/22 13:48	01/19/22 22:53	1
o-Terphenyl	101		70 - 130	01/19/22 13:48	01/19/22 22:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7840		49.6	8.51	mg/Kg			01/19/22 21:28	10

Client Sample ID: S.2 1'

Lab Sample ID: 890-1836-6

Date Collected: 01/17/22 13:10

Matrix: Solid

Date Received: 01/17/22 15:43

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	0.000383	mg/Kg		01/19/22 09:46	01/19/22 17:08	1
Toluene	<0.00199	U	0.00199	0.000454	mg/Kg		01/19/22 09:46	01/19/22 17:08	1
Ethylbenzene	<0.00199	U	0.00199	0.000563	mg/Kg		01/19/22 09:46	01/19/22 17:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	0.00101	mg/Kg		01/19/22 09:46	01/19/22 17:08	1
o-Xylene	0.00142	J	0.00199	0.000343	mg/Kg		01/19/22 09:46	01/19/22 17:08	1
Xylenes, Total	0.00142	J	0.00398	0.00101	mg/Kg		01/19/22 09:46	01/19/22 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	01/19/22 09:46	01/19/22 17:08	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Client Sample ID: S.2 1'

Lab Sample ID: 890-1836-6

Date Collected: 01/17/22 13:10

Matrix: Solid

Date Received: 01/17/22 15:43

Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	01/19/22 09:46	01/19/22 17:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00142	J	0.00398	0.00101	mg/Kg			01/20/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	15.0	mg/Kg			01/20/22 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/19/22 23:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/19/22 23:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/19/22 23:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				01/19/22 13:48	01/19/22 23:13	1
o-Terphenyl	99		70 - 130				01/19/22 13:48	01/19/22 23:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.2		4.98	0.855	mg/Kg			01/19/22 21:36	1

Client Sample ID: S.3 1'

Lab Sample ID: 890-1836-7

Date Collected: 01/17/22 12:50

Matrix: Solid

Date Received: 01/17/22 15:43

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		01/19/22 09:46	01/19/22 17:29	1
Toluene	0.000723	J	0.00200	0.000456	mg/Kg		01/19/22 09:46	01/19/22 17:29	1
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		01/19/22 09:46	01/19/22 17:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		01/19/22 09:46	01/19/22 17:29	1
o-Xylene	0.00147	J	0.00200	0.000344	mg/Kg		01/19/22 09:46	01/19/22 17:29	1
Xylenes, Total	0.00147	J	0.00400	0.00101	mg/Kg		01/19/22 09:46	01/19/22 17:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	01/19/22 09:46	01/19/22 17:29	1
1,4-Difluorobenzene (Surr)	88		70 - 130	01/19/22 09:46	01/19/22 17:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00219	J	0.00400	0.00101	mg/Kg			01/20/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	15.0	mg/Kg			01/20/22 15:36	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Client Sample ID: S.3 1'

Lab Sample ID: 890-1836-7

Date Collected: 01/17/22 12:50

Matrix: Solid

Date Received: 01/17/22 15:43

Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/19/22 23:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/19/22 23:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/19/22 23:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				01/19/22 13:48	01/19/22 23:34	1
o-Terphenyl	96		70 - 130				01/19/22 13:48	01/19/22 23:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	450		4.95	0.850	mg/Kg			01/19/22 21:58	1

Client Sample ID: S.3 2'

Lab Sample ID: 890-1836-8

Date Collected: 01/17/22 12:40

Matrix: Solid

Date Received: 01/17/22 15:43

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000384	mg/Kg		01/19/22 09:46	01/19/22 17:49	1
Toluene	<0.00200	U	0.00200	0.000455	mg/Kg		01/19/22 09:46	01/19/22 17:49	1
Ethylbenzene	<0.00200	U	0.00200	0.000564	mg/Kg		01/19/22 09:46	01/19/22 17:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	0.00101	mg/Kg		01/19/22 09:46	01/19/22 17:49	1
o-Xylene	0.000467	J	0.00200	0.000343	mg/Kg		01/19/22 09:46	01/19/22 17:49	1
Xylenes, Total	<0.00399	U	0.00399	0.00101	mg/Kg		01/19/22 09:46	01/19/22 17:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				01/19/22 09:46	01/19/22 17:49	1
1,4-Difluorobenzene (Surr)	108		70 - 130				01/19/22 09:46	01/19/22 17:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	0.00101	mg/Kg			01/20/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	15.0	mg/Kg			01/20/22 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/19/22 23:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/19/22 23:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/19/22 23:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				01/19/22 13:48	01/19/22 23:55	1
o-Terphenyl	93		70 - 130				01/19/22 13:48	01/19/22 23:55	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Client Sample ID: S.3 2'

Lab Sample ID: 890-1836-8

Date Collected: 01/17/22 12:40

Matrix: Solid

Date Received: 01/17/22 15:43

Sample Depth: 2

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	204		4.97	0.853	mg/Kg			01/19/22 22:06	1

Client Sample ID: S.4 1'

Lab Sample ID: 890-1836-9

Date Collected: 01/17/22 13:20

Matrix: Solid

Date Received: 01/17/22 15:43

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000386	mg/Kg		01/19/22 09:46	01/19/22 18:10	1
Toluene	<0.00200	U	0.00200	0.000457	mg/Kg		01/19/22 09:46	01/19/22 18:10	1
Ethylbenzene	<0.00200	U	0.00200	0.000566	mg/Kg		01/19/22 09:46	01/19/22 18:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	0.00101	mg/Kg		01/19/22 09:46	01/19/22 18:10	1
o-Xylene	<0.00200	U	0.00200	0.000345	mg/Kg		01/19/22 09:46	01/19/22 18:10	1
Xylenes, Total	<0.00401	U	0.00401	0.00101	mg/Kg		01/19/22 09:46	01/19/22 18:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	X	70 - 130				01/19/22 09:46	01/19/22 18:10	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/19/22 09:46	01/19/22 18:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	0.00101	mg/Kg			01/20/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	15.0	mg/Kg			01/20/22 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/20/22 00:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/20/22 00:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/20/22 00:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				01/19/22 13:48	01/20/22 00:16	1
o-Terphenyl	94		70 - 130				01/19/22 13:48	01/20/22 00:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	344		5.04	0.865	mg/Kg			01/19/22 22:14	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Client Sample ID: S.5 1'

Lab Sample ID: 890-1836-10

Date Collected: 01/17/22 13:25

Matrix: Solid

Date Received: 01/17/22 15:43

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000425	J	0.00199	0.000383	mg/Kg		01/19/22 09:46	01/19/22 18:30	1
Toluene	<0.00199	U	0.00199	0.000454	mg/Kg		01/19/22 09:46	01/19/22 18:30	1
Ethylbenzene	<0.00199	U	0.00199	0.000563	mg/Kg		01/19/22 09:46	01/19/22 18:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	0.00101	mg/Kg		01/19/22 09:46	01/19/22 18:30	1
o-Xylene	<0.00199	U	0.00199	0.000343	mg/Kg		01/19/22 09:46	01/19/22 18:30	1
Xylenes, Total	<0.00398	U	0.00398	0.00101	mg/Kg		01/19/22 09:46	01/19/22 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	01/19/22 09:46	01/19/22 18:30	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/19/22 09:46	01/19/22 18:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	0.00101	mg/Kg			01/20/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	15.0	mg/Kg			01/20/22 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/20/22 00:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/20/22 00:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/20/22 00:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	01/19/22 13:48	01/20/22 00:36	1
o-Terphenyl	99		70 - 130	01/19/22 13:48	01/20/22 00:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		24.9	4.27	mg/Kg			01/19/22 22:21	5

Client Sample ID: S.5 2'

Lab Sample ID: 890-1836-11

Date Collected: 01/17/22 13:30

Matrix: Solid

Date Received: 01/17/22 15:43

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	0.000387	mg/Kg		01/19/22 09:46	01/19/22 18:50	1
Toluene	<0.00201	U	0.00201	0.000458	mg/Kg		01/19/22 09:46	01/19/22 18:50	1
Ethylbenzene	<0.00201	U	0.00201	0.000567	mg/Kg		01/19/22 09:46	01/19/22 18:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	0.00101	mg/Kg		01/19/22 09:46	01/19/22 18:50	1
o-Xylene	<0.00201	U	0.00201	0.000345	mg/Kg		01/19/22 09:46	01/19/22 18:50	1
Xylenes, Total	<0.00402	U	0.00402	0.00101	mg/Kg		01/19/22 09:46	01/19/22 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/19/22 09:46	01/19/22 18:50	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Client Sample ID: S.5 2'

Lab Sample ID: 890-1836-11

Date Collected: 01/17/22 13:30

Matrix: Solid

Date Received: 01/17/22 15:43

Sample Depth: 2

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	01/19/22 09:46	01/19/22 18:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	0.00101	mg/Kg			01/20/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	15.0	mg/Kg			01/20/22 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/20/22 01:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/20/22 01:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/20/22 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				01/19/22 13:48	01/20/22 01:18	1
o-Terphenyl	109		70 - 130				01/19/22 13:48	01/20/22 01:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	164		5.02	0.862	mg/Kg			01/19/22 22:29	1

Client Sample ID: S.6 1'

Lab Sample ID: 890-1836-12

Date Collected: 01/17/22 13:40

Matrix: Solid

Date Received: 01/17/22 15:43

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	0.000387	mg/Kg		01/19/22 09:46	01/19/22 19:11	1
Toluene	<0.00201	U	0.00201	0.000458	mg/Kg		01/19/22 09:46	01/19/22 19:11	1
Ethylbenzene	0.000686	J	0.00201	0.000567	mg/Kg		01/19/22 09:46	01/19/22 19:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	0.00101	mg/Kg		01/19/22 09:46	01/19/22 19:11	1
o-Xylene	0.000525	J	0.00201	0.000345	mg/Kg		01/19/22 09:46	01/19/22 19:11	1
Xylenes, Total	<0.00402	U	0.00402	0.00101	mg/Kg		01/19/22 09:46	01/19/22 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/19/22 09:46	01/19/22 19:11	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/19/22 09:46	01/19/22 19:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00121	J	0.00402	0.00101	mg/Kg			01/20/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	15.0	mg/Kg			01/20/22 15:36	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Client Sample ID: S.6 1'

Lab Sample ID: 890-1836-12

Date Collected: 01/17/22 13:40

Matrix: Solid

Date Received: 01/17/22 15:43

Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/20/22 01:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/20/22 01:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/20/22 01:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				01/19/22 13:48	01/20/22 01:39	1
o-Terphenyl	97		70 - 130				01/19/22 13:48	01/20/22 01:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	152		4.98	0.855	mg/Kg			01/19/22 22:36	1

Client Sample ID: S.6 2'

Lab Sample ID: 890-1836-13

Date Collected: 01/17/22 13:45

Matrix: Solid

Date Received: 01/17/22 15:43

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000386	mg/Kg		01/19/22 09:46	01/19/22 19:31	1
Toluene	<0.00200	U	0.00200	0.000457	mg/Kg		01/19/22 09:46	01/19/22 19:31	1
Ethylbenzene	<0.00200	U	0.00200	0.000566	mg/Kg		01/19/22 09:46	01/19/22 19:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	0.00101	mg/Kg		01/19/22 09:46	01/19/22 19:31	1
o-Xylene	<0.00200	U	0.00200	0.000345	mg/Kg		01/19/22 09:46	01/19/22 19:31	1
Xylenes, Total	<0.00401	U	0.00401	0.00101	mg/Kg		01/19/22 09:46	01/19/22 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				01/19/22 09:46	01/19/22 19:31	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/19/22 09:46	01/19/22 19:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	0.00101	mg/Kg			01/20/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	15.0	mg/Kg			01/20/22 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/20/22 02:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/20/22 02:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		01/19/22 13:48	01/20/22 02:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				01/19/22 13:48	01/20/22 02:00	1
o-Terphenyl	96		70 - 130				01/19/22 13:48	01/20/22 02:00	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Client Sample ID: S.6 2'
Date Collected: 01/17/22 13:45
Date Received: 01/17/22 15:43
Sample Depth: 2

Lab Sample ID: 890-1836-13
Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.9		5.00	0.858	mg/Kg			01/19/22 22:44	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Surrogate Summary

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-10299-A-11-A MS	Matrix Spike	102	98
880-10299-A-11-B MSD	Matrix Spike Duplicate	103	89
890-1836-1	BG1	109	97
890-1836-2	BG2	120	75
890-1836-3	BG3	133 X	126
890-1836-4	BG4	114	114
890-1836-5	S.1 1'	116	107
890-1836-6	S.2 1'	121	103
890-1836-7	S.3 1'	129	88
890-1836-8	S.3 2'	125	108
890-1836-9	S.4 1'	132 X	109
890-1836-10	S.5 1'	120	99
890-1836-11	S.5 2'	123	100
890-1836-12	S.6 1'	113	103
890-1836-13	S.6 2'	122	101
LCS 880-17114/1-A	Lab Control Sample	99	98
LCSD 880-17114/2-A	Lab Control Sample Dup	105	99
MB 880-17114/5-A	Method Blank	104	99
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-1836-1	BG1	88	86
890-1836-1 MS	BG1	92	82
890-1836-1 MSD	BG1	79	79
890-1836-2	BG2	103	102
890-1836-3	BG3	95	94
890-1836-4	BG4	94	94
890-1836-5	S.1 1'	97	101
890-1836-6	S.2 1'	101	99
890-1836-7	S.3 1'	99	96
890-1836-8	S.3 2'	98	93
890-1836-9	S.4 1'	96	94
890-1836-10	S.5 1'	103	99
890-1836-11	S.5 2'	106	109
890-1836-12	S.6 1'	95	97
890-1836-13	S.6 2'	99	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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Surrogate Summary

Client: Talon/LPE

Project/Site: Tony La Ressia

Job ID: 890-1836-1

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	1CO2 (70-130)	OTPH2 (70-130)
LCS 880-17277/2-A	Lab Control Sample	102	98
LCSD 880-17277/3-A	Lab Control Sample Dup	106	100
MB 880-17277/1-A	Method Blank	107	106
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-17114/5-A

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17114

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		01/19/22 07:30	01/19/22 10:46	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		01/19/22 07:30	01/19/22 10:46	1
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		01/19/22 07:30	01/19/22 10:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		01/19/22 07:30	01/19/22 10:46	1
o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		01/19/22 07:30	01/19/22 10:46	1
Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		01/19/22 07:30	01/19/22 10:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/19/22 07:30	01/19/22 10:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/19/22 07:30	01/19/22 10:46	1

Lab Sample ID: LCS 880-17114/1-A

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17114

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08330		mg/Kg		83	70 - 130
Toluene	0.100	0.07487		mg/Kg		75	70 - 130
Ethylbenzene	0.100	0.07674		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	0.200	0.1592		mg/Kg		80	70 - 130
o-Xylene	0.100	0.07990		mg/Kg		80	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-17114/2-A

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17114

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.08541		mg/Kg		85	70 - 130	3	35
Toluene	0.100	0.07920		mg/Kg		79	70 - 130	6	35
Ethylbenzene	0.100	0.08108		mg/Kg		81	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1682		mg/Kg		84	70 - 130	5	35
o-Xylene	0.100	0.08298		mg/Kg		83	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-10299-A-11-A MS

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 17114

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U	0.0998	0.08186		mg/Kg		82	70 - 130
Toluene	<0.00198	U	0.0998	0.07743		mg/Kg		78	70 - 130

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QC Sample Results

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

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

Lab Sample ID: 880-10299-A-11-A MS

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 17114

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00198	U	0.0998	0.07820		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1624		mg/Kg		81	70 - 130
o-Xylene	<0.00198	U	0.0998	0.08156		mg/Kg		82	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-10299-A-11-B MSD

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 17114

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.0994	0.06652	N1	mg/Kg		67	70 - 130	21	35
Toluene	<0.00198	U	0.0994	0.07895		mg/Kg		79	70 - 130	2	35
Ethylbenzene	<0.00198	U	0.0994	0.07071		mg/Kg		71	70 - 130	10	35
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1730		mg/Kg		87	70 - 130	6	35
o-Xylene	<0.00198	U	0.0994	0.09488		mg/Kg		95	70 - 130	15	35

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

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

Lab Sample ID: MB 880-17277/1-A

Matrix: Solid

Analysis Batch: 17214

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17277

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/19/22 19:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/19/22 19:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		01/19/22 13:48	01/19/22 19:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	01/19/22 13:48	01/19/22 19:43	1
o-Terphenyl	106		70 - 130	01/19/22 13:48	01/19/22 19:43	1

Lab Sample ID: LCS 880-17277/2-A

Matrix: Solid

Analysis Batch: 17214

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17277

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	975.2		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1056		mg/Kg		106	70 - 130

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QC Sample Results

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

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

Lab Sample ID: LCS 880-17277/2-A

Matrix: Solid

Analysis Batch: 17214

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17277

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: LCSD 880-17277/3-A

Matrix: Solid

Analysis Batch: 17214

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17277

			Spike	LCSD	LCSD				%Rec.		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	919.8		mg/Kg		92	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	982.9		mg/Kg		98	70 - 130	7	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: 890-1836-1 MS

Matrix: Solid

Analysis Batch: 17214

Client Sample ID: BG1

Prep Type: Total/NA

Prep Batch: 17277

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1205		mg/Kg		121	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1282		mg/Kg		129	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	82		70 - 130

Lab Sample ID: 890-1836-1 MSD

Matrix: Solid

Analysis Batch: 17214

Client Sample ID: BG1

Prep Type: Total/NA

Prep Batch: 17277

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	957.7	N2	mg/Kg		96	70 - 130	23	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1118		mg/Kg		112	70 - 130	14	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	79		70 - 130

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QC Sample Results

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-17255/1-A

Matrix: Solid

Analysis Batch: 17322

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	0.858	mg/Kg			01/19/22 18:57	1

Lab Sample ID: LCS 880-17255/2-A

Matrix: Solid

Analysis Batch: 17322

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	272.3		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-17255/3-A

Matrix: Solid

Analysis Batch: 17322

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	250	271.8		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 890-1836-4 MS

Matrix: Solid

Analysis Batch: 17322

Client Sample ID: BG4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	12.5		250	292.4	N1	mg/Kg		112	90 - 110

Lab Sample ID: 890-1836-4 MSD

Matrix: Solid

Analysis Batch: 17322

Client Sample ID: BG4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	12.5		250	283.1		mg/Kg		108	90 - 110	3	20

Eurofins Carlsbad

QC Association Summary

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

GC VOA

Prep Batch: 17114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1836-1	BG1	Total/NA	Solid	5035	
890-1836-2	BG2	Total/NA	Solid	5035	
890-1836-3	BG3	Total/NA	Solid	5035	
890-1836-4	BG4	Total/NA	Solid	5035	
890-1836-5	S.1 1'	Total/NA	Solid	5035	
890-1836-6	S.2 1'	Total/NA	Solid	5035	
890-1836-7	S.3 1'	Total/NA	Solid	5035	
890-1836-8	S.3 2'	Total/NA	Solid	5035	
890-1836-9	S.4 1'	Total/NA	Solid	5035	
890-1836-10	S.5 1'	Total/NA	Solid	5035	
890-1836-11	S.5 2'	Total/NA	Solid	5035	
890-1836-12	S.6 1'	Total/NA	Solid	5035	
890-1836-13	S.6 2'	Total/NA	Solid	5035	
MB 880-17114/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17114/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17114/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10299-A-11-A MS	Matrix Spike	Total/NA	Solid	5035	
880-10299-A-11-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 17206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1836-1	BG1	Total/NA	Solid	8021B	17114
890-1836-2	BG2	Total/NA	Solid	8021B	17114
890-1836-3	BG3	Total/NA	Solid	8021B	17114
890-1836-4	BG4	Total/NA	Solid	8021B	17114
890-1836-5	S.1 1'	Total/NA	Solid	8021B	17114
890-1836-6	S.2 1'	Total/NA	Solid	8021B	17114
890-1836-7	S.3 1'	Total/NA	Solid	8021B	17114
890-1836-8	S.3 2'	Total/NA	Solid	8021B	17114
890-1836-9	S.4 1'	Total/NA	Solid	8021B	17114
890-1836-10	S.5 1'	Total/NA	Solid	8021B	17114
890-1836-11	S.5 2'	Total/NA	Solid	8021B	17114
890-1836-12	S.6 1'	Total/NA	Solid	8021B	17114
890-1836-13	S.6 2'	Total/NA	Solid	8021B	17114
MB 880-17114/5-A	Method Blank	Total/NA	Solid	8021B	17114
LCS 880-17114/1-A	Lab Control Sample	Total/NA	Solid	8021B	17114
LCSD 880-17114/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17114
880-10299-A-11-A MS	Matrix Spike	Total/NA	Solid	8021B	17114
880-10299-A-11-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	17114

Analysis Batch: 17403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1836-1	BG1	Total/NA	Solid	Total BTEX	
890-1836-2	BG2	Total/NA	Solid	Total BTEX	
890-1836-3	BG3	Total/NA	Solid	Total BTEX	
890-1836-4	BG4	Total/NA	Solid	Total BTEX	
890-1836-5	S.1 1'	Total/NA	Solid	Total BTEX	
890-1836-6	S.2 1'	Total/NA	Solid	Total BTEX	
890-1836-7	S.3 1'	Total/NA	Solid	Total BTEX	
890-1836-8	S.3 2'	Total/NA	Solid	Total BTEX	
890-1836-9	S.4 1'	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

GC VOA (Continued)

Analysis Batch: 17403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1836-10	S.5 1'	Total/NA	Solid	Total BTEX	
890-1836-11	S.5 2'	Total/NA	Solid	Total BTEX	
890-1836-12	S.6 1'	Total/NA	Solid	Total BTEX	
890-1836-13	S.6 2'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 17214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1836-1	BG1	Total/NA	Solid	8015B NM	17277
890-1836-2	BG2	Total/NA	Solid	8015B NM	17277
890-1836-3	BG3	Total/NA	Solid	8015B NM	17277
890-1836-4	BG4	Total/NA	Solid	8015B NM	17277
890-1836-5	S.1 1'	Total/NA	Solid	8015B NM	17277
890-1836-6	S.2 1'	Total/NA	Solid	8015B NM	17277
890-1836-7	S.3 1'	Total/NA	Solid	8015B NM	17277
890-1836-8	S.3 2'	Total/NA	Solid	8015B NM	17277
890-1836-9	S.4 1'	Total/NA	Solid	8015B NM	17277
890-1836-10	S.5 1'	Total/NA	Solid	8015B NM	17277
890-1836-11	S.5 2'	Total/NA	Solid	8015B NM	17277
890-1836-12	S.6 1'	Total/NA	Solid	8015B NM	17277
890-1836-13	S.6 2'	Total/NA	Solid	8015B NM	17277
MB 880-17277/1-A	Method Blank	Total/NA	Solid	8015B NM	17277
LCS 880-17277/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17277
LCSD 880-17277/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17277
890-1836-1 MS	BG1	Total/NA	Solid	8015B NM	17277
890-1836-1 MSD	BG1	Total/NA	Solid	8015B NM	17277

Prep Batch: 17277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1836-1	BG1	Total/NA	Solid	8015NM Prep	
890-1836-2	BG2	Total/NA	Solid	8015NM Prep	
890-1836-3	BG3	Total/NA	Solid	8015NM Prep	
890-1836-4	BG4	Total/NA	Solid	8015NM Prep	
890-1836-5	S.1 1'	Total/NA	Solid	8015NM Prep	
890-1836-6	S.2 1'	Total/NA	Solid	8015NM Prep	
890-1836-7	S.3 1'	Total/NA	Solid	8015NM Prep	
890-1836-8	S.3 2'	Total/NA	Solid	8015NM Prep	
890-1836-9	S.4 1'	Total/NA	Solid	8015NM Prep	
890-1836-10	S.5 1'	Total/NA	Solid	8015NM Prep	
890-1836-11	S.5 2'	Total/NA	Solid	8015NM Prep	
890-1836-12	S.6 1'	Total/NA	Solid	8015NM Prep	
890-1836-13	S.6 2'	Total/NA	Solid	8015NM Prep	
MB 880-17277/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17277/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17277/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1836-1 MS	BG1	Total/NA	Solid	8015NM Prep	
890-1836-1 MSD	BG1	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

GC Semi VOA

Analysis Batch: 17383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1836-1	BG1	Total/NA	Solid	8015 NM	
890-1836-2	BG2	Total/NA	Solid	8015 NM	
890-1836-3	BG3	Total/NA	Solid	8015 NM	
890-1836-4	BG4	Total/NA	Solid	8015 NM	
890-1836-5	S.1 1'	Total/NA	Solid	8015 NM	
890-1836-6	S.2 1'	Total/NA	Solid	8015 NM	
890-1836-7	S.3 1'	Total/NA	Solid	8015 NM	
890-1836-8	S.3 2'	Total/NA	Solid	8015 NM	
890-1836-9	S.4 1'	Total/NA	Solid	8015 NM	
890-1836-10	S.5 1'	Total/NA	Solid	8015 NM	
890-1836-11	S.5 2'	Total/NA	Solid	8015 NM	
890-1836-12	S.6 1'	Total/NA	Solid	8015 NM	
890-1836-13	S.6 2'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 17255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1836-1	BG1	Soluble	Solid	DI Leach	
890-1836-2	BG2	Soluble	Solid	DI Leach	
890-1836-3	BG3	Soluble	Solid	DI Leach	
890-1836-4	BG4	Soluble	Solid	DI Leach	
890-1836-5	S.1 1'	Soluble	Solid	DI Leach	
890-1836-6	S.2 1'	Soluble	Solid	DI Leach	
890-1836-7	S.3 1'	Soluble	Solid	DI Leach	
890-1836-8	S.3 2'	Soluble	Solid	DI Leach	
890-1836-9	S.4 1'	Soluble	Solid	DI Leach	
890-1836-10	S.5 1'	Soluble	Solid	DI Leach	
890-1836-11	S.5 2'	Soluble	Solid	DI Leach	
890-1836-12	S.6 1'	Soluble	Solid	DI Leach	
890-1836-13	S.6 2'	Soluble	Solid	DI Leach	
MB 880-17255/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17255/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17255/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1836-4 MS	BG4	Soluble	Solid	DI Leach	
890-1836-4 MSD	BG4	Soluble	Solid	DI Leach	

Analysis Batch: 17322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1836-1	BG1	Soluble	Solid	300.0	17255
890-1836-2	BG2	Soluble	Solid	300.0	17255
890-1836-3	BG3	Soluble	Solid	300.0	17255
890-1836-4	BG4	Soluble	Solid	300.0	17255
890-1836-5	S.1 1'	Soluble	Solid	300.0	17255
890-1836-6	S.2 1'	Soluble	Solid	300.0	17255
890-1836-7	S.3 1'	Soluble	Solid	300.0	17255
890-1836-8	S.3 2'	Soluble	Solid	300.0	17255
890-1836-9	S.4 1'	Soluble	Solid	300.0	17255
890-1836-10	S.5 1'	Soluble	Solid	300.0	17255
890-1836-11	S.5 2'	Soluble	Solid	300.0	17255
890-1836-12	S.6 1'	Soluble	Solid	300.0	17255

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QC Association Summary

Client: Talon/LPE
Project/Site: Tony La Russia

Job ID: 890-1836-1

HPLC/IC (Continued)

Analysis Batch: 17322 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1836-13	S.6 2'	Soluble	Solid	300.0	17255
MB 880-17255/1-A	Method Blank	Soluble	Solid	300.0	17255
LCS 880-17255/2-A	Lab Control Sample	Soluble	Solid	300.0	17255
LCSD 880-17255/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17255
890-1836-4 MS	BG4	Soluble	Solid	300.0	17255
890-1836-4 MSD	BG4	Soluble	Solid	300.0	17255

Lab Chronicle

Client: Talon/LPE
Project/Site: Tony La Ressaia

Job ID: 890-1836-1

Client Sample ID: BG1

Lab Sample ID: 890-1836-1

Date Collected: 01/17/22 02:00

Matrix: Solid

Date Received: 01/17/22 15:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17114	01/19/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 13:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17403	01/20/22 16:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17383	01/20/22 15:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17277	01/19/22 13:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 20:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17255	01/19/22 14:00	CH	XEN MID
Soluble	Analysis	300.0		5			17322	01/19/22 20:43	CH	XEN MID

Client Sample ID: BG2

Lab Sample ID: 890-1836-2

Date Collected: 01/17/22 02:10

Matrix: Solid

Date Received: 01/17/22 15:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17114	01/19/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 14:04	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17403	01/20/22 16:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17383	01/20/22 15:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17277	01/19/22 13:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 21:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17255	01/19/22 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			17322	01/19/22 20:51	CH	XEN MID

Client Sample ID: BG3

Lab Sample ID: 890-1836-3

Date Collected: 01/17/22 02:20

Matrix: Solid

Date Received: 01/17/22 15:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	17114	01/19/22 09:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 14:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17403	01/20/22 16:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17383	01/20/22 15:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17277	01/19/22 13:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 22:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17255	01/19/22 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			17322	01/19/22 20:58	CH	XEN MID

Client Sample ID: BG4

Lab Sample ID: 890-1836-4

Date Collected: 01/17/22 02:30

Matrix: Solid

Date Received: 01/17/22 15:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17114	01/19/22 09:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 16:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17403	01/20/22 16:12	AJ	XEN MID

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Lab Chronicle

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Client Sample ID: BG4

Lab Sample ID: 890-1836-4

Date Collected: 01/17/22 02:30

Matrix: Solid

Date Received: 01/17/22 15:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17383	01/20/22 15:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17277	01/19/22 13:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 22:31	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17255	01/19/22 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			17322	01/19/22 21:06	CH	XEN MID

Client Sample ID: S.1 1'

Lab Sample ID: 890-1836-5

Date Collected: 01/17/22 13:00

Matrix: Solid

Date Received: 01/17/22 15:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	17114	01/19/22 09:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 16:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17403	01/20/22 16:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17383	01/20/22 15:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17277	01/19/22 13:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 22:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	17255	01/19/22 14:00	CH	XEN MID
Soluble	Analysis	300.0		10			17322	01/19/22 21:28	CH	XEN MID

Client Sample ID: S.2 1'

Lab Sample ID: 890-1836-6

Date Collected: 01/17/22 13:10

Matrix: Solid

Date Received: 01/17/22 15:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17114	01/19/22 09:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 17:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17403	01/20/22 16:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17383	01/20/22 15:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17277	01/19/22 13:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 23:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17255	01/19/22 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			17322	01/19/22 21:36	CH	XEN MID

Client Sample ID: S.3 1'

Lab Sample ID: 890-1836-7

Date Collected: 01/17/22 12:50

Matrix: Solid

Date Received: 01/17/22 15:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17114	01/19/22 09:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 17:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17403	01/20/22 16:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17383	01/20/22 15:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17277	01/19/22 13:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 23:34	AJ	XEN MID

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Lab Chronicle

Client: Talon/LPE
Project/Site: Tony La Ressaia

Job ID: 890-1836-1

Client Sample ID: S.3 1'

Lab Sample ID: 890-1836-7

Date Collected: 01/17/22 12:50

Matrix: Solid

Date Received: 01/17/22 15:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	17255	01/19/22 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			17322	01/19/22 21:58	CH	XEN MID

Client Sample ID: S.3 2'

Lab Sample ID: 890-1836-8

Date Collected: 01/17/22 12:40

Matrix: Solid

Date Received: 01/17/22 15:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17114	01/19/22 09:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 17:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17403	01/20/22 16:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17383	01/20/22 15:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17277	01/19/22 13:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 23:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17255	01/19/22 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			17322	01/19/22 22:06	CH	XEN MID

Client Sample ID: S.4 1'

Lab Sample ID: 890-1836-9

Date Collected: 01/17/22 13:20

Matrix: Solid

Date Received: 01/17/22 15:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17114	01/19/22 09:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 18:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17403	01/20/22 16:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17383	01/20/22 15:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17277	01/19/22 13:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/20/22 00:16	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17255	01/19/22 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			17322	01/19/22 22:14	CH	XEN MID

Client Sample ID: S.5 1'

Lab Sample ID: 890-1836-10

Date Collected: 01/17/22 13:25

Matrix: Solid

Date Received: 01/17/22 15:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17114	01/19/22 09:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 18:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17403	01/20/22 16:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17383	01/20/22 15:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17277	01/19/22 13:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/20/22 00:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17255	01/19/22 14:00	CH	XEN MID
Soluble	Analysis	300.0		5			17322	01/19/22 22:21	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Client Sample ID: S.5 2'

Lab Sample ID: 890-1836-11

Date Collected: 01/17/22 13:30

Matrix: Solid

Date Received: 01/17/22 15:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	17114	01/19/22 09:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 18:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17403	01/20/22 16:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17383	01/20/22 15:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17277	01/19/22 13:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/20/22 01:18	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	17255	01/19/22 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			17322	01/19/22 22:29	CH	XEN MID

Client Sample ID: S.6 1'

Lab Sample ID: 890-1836-12

Date Collected: 01/17/22 13:40

Matrix: Solid

Date Received: 01/17/22 15:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	17114	01/19/22 09:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 19:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17403	01/20/22 16:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17383	01/20/22 15:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17277	01/19/22 13:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/20/22 01:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17255	01/19/22 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			17322	01/19/22 22:36	CH	XEN MID

Client Sample ID: S.6 2'

Lab Sample ID: 890-1836-13

Date Collected: 01/17/22 13:45

Matrix: Solid

Date Received: 01/17/22 15:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17114	01/19/22 09:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 19:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17403	01/20/22 16:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17383	01/20/22 15:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17277	01/19/22 13:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/20/22 02:00	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17255	01/19/22 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			17322	01/19/22 22:44	CH	XEN MID

Laboratory References:

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

Eurofins Carlsbad

Accreditation/Certification Summary

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Carlsbad

Sample Summary

Client: Talon/LPE
Project/Site: Tony La Ressa

Job ID: 890-1836-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1836-1	BG1	Solid	01/17/22 02:00	01/17/22 15:43	
890-1836-2	BG2	Solid	01/17/22 02:10	01/17/22 15:43	
890-1836-3	BG3	Solid	01/17/22 02:20	01/17/22 15:43	
890-1836-4	BG4	Solid	01/17/22 02:30	01/17/22 15:43	
890-1836-5	S.1 1'	Solid	01/17/22 13:00	01/17/22 15:43	1
890-1836-6	S.2 1'	Solid	01/17/22 13:10	01/17/22 15:43	1
890-1836-7	S.3 1'	Solid	01/17/22 12:50	01/17/22 15:43	1
890-1836-8	S.3 2'	Solid	01/17/22 12:40	01/17/22 15:43	2
890-1836-9	S.4 1'	Solid	01/17/22 13:20	01/17/22 15:43	1
890-1836-10	S.5 1'	Solid	01/17/22 13:25	01/17/22 15:43	1
890-1836-11	S.5 2'	Solid	01/17/22 13:30	01/17/22 15:43	2
890-1836-12	S.6 1'	Solid	01/17/22 13:40	01/17/22 15:43	1
890-1836-13	S.6 2'	Solid	01/17/22 13:45	01/17/22 15:43	2

Chain of Custody



Environment Testing

Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 505-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com

Page 7 of 7

Cooling in process

Project Manager:	P. Pous	
Company Name:	TALOW	
Address:	3088 Texas	
City, State ZIP:	Arlington, NM	
Phone:	(575) 744-8768	
Bill to: (if different)	Company Name:	
	Address:	
	City, State ZIP:	
	Email: AP@TALOWPC.COM	

Project Name:		Turn Around		Parameters		ANALYSIS REQUEST		Preservative Codes	
Project Number:	Project Location:	Temp Blank:	Temp Blank:	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Sample Identification
702520.014.01	EDDY	Yes	No	Yes	No	2.0	2.0	2.0	5-5-21
EDDY	Let Pous	Yes	No	Yes	No	N/A	N/A	N/A	5-6-21
Let Pous		Yes	No	Yes	No	N/A	N/A	N/A	5-6-21

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	TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg: 1631 / 245.1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		1/17/22 3:13

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Eurofins Carlsbad

1089 N Canal St
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



eurofins
Environment Testing
America

Client Information (Sub Contract Lab)		Sampler		Lab PM		Carter Tracking No(s)		COC No	
Client Contact:		Phone		Kramer Jessica		State of Origin:		890-591 1	
Shipping/Receiving		E-Mail		jessica.kramer@eurofins.com		New Mexico		Page 1 of 2	
Company:		Eurofins Environment Testing South Cent		Accreditations Required (See note):		NELAP - Texas		Job #	
Address		Due Date Requested		Analysis Requested		890-1836-1		Preservation Codes	
1211 W Florida Ave		1/20/2022						A HCL B NaOH C Zn Acetate D Nitric Acid E NaHSO4 F MeOH G Amchlor H Ascorbic Acid I Ice Water J DI Water K EDTA L FDA M Hexane N None O AsNaO2 P Na2O4S Q Na2SO3 R Na2S2O3 S H2SO4 T TSP Dodecylhydrate U Acetone V MCAA W pH 4-5 Z other (specify)	
City		TAT Requested (days)							
Midland									
State Zip:									
TX 79701									
Phone		PO #							
432-704-5440(Tel)									
Email		WO #							
Project Name		Project #							
Tony La Ressa		89000040							
Site		SSOV#							
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=Water, S=Soil, O=Waterfall, BT=Tissue, A=Air)	
BG1 (890-1836-1)		1/17/22		02 00		Solid		Field Filtered Sample (Yes or No)	
								Perform MS/MSD (Yes or No)	
BG2 (890-1836-2)		1/17/22		02 10		Solid		8021B/5035FP_Calc (MOD) BTEX	
								Total BTEX_GCV	
BG3 (890-1836-3)		1/17/22		02 20		Solid		8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	
								8015MOD_Calc	
BG4 (890-1836-4)		1/17/22		02 30		Solid		300_ORGFm_28D/DI_LEACH Chloride	
S-1 1 (890-1836-5)		1/17/22		13 00		Solid		Total Number of containers	
S-2 1 (890-1836-6)		1/17/22		13 10		Solid			
S 3 1 (890-1836-7)		1/17/22		12 50		Solid			
S 3 2 (890-1836-8)		1/17/22		12 40		Solid			
S 4 1 (890-1836-9)		1/17/22		13 20		Solid			
Note: Since laboratory accreditations are subject to change, Eurofins South Central places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins South Central laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins South Central attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins South Central.									
Possible Hazard Identification									
Unconfirmed									
Deliverable Requested I II III IV Other (specify)									
Primary Deliverable Rank 2									
Special Instructions/QC Requirements									
Empty Kit Relinquished by:									
Relinquished by: Date/Time: Company:									
Relinquished by: Date/Time: Company:									
Relinquished by: Date/Time: Company:									
Custody Seals Intact: Custody Seal No									
Cooler Temperature(s) °C and Other Remarks:									

Eurofins Carlsbad

1089 N Canal St
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Environment Testing

[illegible]

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1836-1

Login Number: 1836

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1836-1

Login Number: 1836

List Source: Eurofins Midland

List Number: 2

List Creation: 01/19/22 01:26 PM

Creator: Kramer, Jessica

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



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

February 16, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TORY LA RUSSA

Enclosed are the results of analyses for samples received by the laboratory on 02/14/22 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/14/2022	Sampling Date:	02/14/2022
Reported:	02/16/2022	Sampling Type:	Soil
Project Name:	TORY LA RUSSA	Sampling Condition:	Cool & Intact
Project Number:	702520.014.01	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO NM		

Sample ID: S - 21 B @ 2.5' (H220569-01)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/15/2022	ND	1.81	90.4	2.00	12.2		
Toluene*	<0.050	0.050	02/15/2022	ND	1.81	90.6	2.00	10.4		
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.76	87.8	2.00	9.82		
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.49	91.5	6.00	9.49		
Total BTX	<0.300	0.300	02/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	02/15/2022	ND	416	104	400	3.77		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/15/2022	ND	246	123	200	4.40		
DRO >C10-C28*	<10.0	10.0	02/15/2022	ND	220	110	200	1.39		
EXT DRO >C28-C36	<10.0	10.0	02/15/2022	ND						

Surrogate: 1-Chlorooctane 86.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.4 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

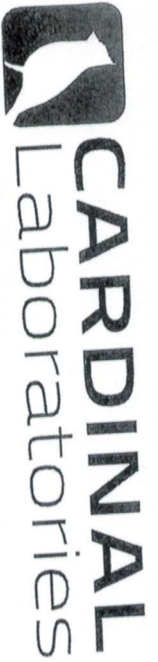
Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE

Project Manager:

Address: 408 W. Texas Ave

City: Artesia State: NM Zip: 88210

Phone #: 575.746.8768

Project #: 702530.014.01

Project Name: Terry LaRusso

Project Location: EDOY.

Sampler Name: A. Paken

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H220569

5.21902.51

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

11:11

11:11

11:11

11:11

11:11

11:11

11:11

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11:11

11:11

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

MATRIX

PRESERV

SAMPLING

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:

Date: 5-14-22

Time: 11:50

Received By:

Signature

Relinquished By:

Date: 5-14-22

Time: 11:50

Received By:

Signature

Delivered By: (Circle One)

5.32

7-0552

Sample Condition

Cool

Intact

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Sampler - UPS - Bus - Other:

4.82

#13

Sample Condition

Cool

Intact

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

REMARKS:

Phone Result:

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

Add'l Fax #:

Phone Result:

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

Add'l Fax #:

results to go
R Pass @ Talon LPE
A Paken @ Talon LPE

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-1912-1
Laboratory Sample Delivery Group: Eddy
Client Project/Site: Tony LaRussa

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

Attn: Rebecca Pons

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

Authorized for release by:
2/15/2022 2:25:00 PM

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

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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: Tony LaRussa

Laboratory Job ID: 890-1912-1
SDG: Eddy

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Definitions/Glossary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
B	Compound was found in the blank and sample.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
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)

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Definitions/Glossary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Case Narrative

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Job ID: 890-1912-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-1912-1

Receipt

The samples were received on 2/4/2022 1:09 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.6°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-18658 and analytical batch 880-18659 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 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-18670 and analytical batch 880-18798 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 8021B: Surrogate recovery for the following samples were outside control limits: S16A (890-1912-16) and (LCS 880-18670/1-A). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

Method 8015MOD_NM: The method blank for preparation batch 880-18696 and analytical batch 880-18673 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The method blank for preparation batch 880-18779 and analytical batch 880-18806 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCSD 880-18779/3-A), (880-10781-A-22-D), (880-10781-A-22-E MS) and (880-10781-A-22-F MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-18693 and analytical batch 880-18805 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-18693 and analytical batch 880-18805 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-18697 and analytical batch 880-19101 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S1A

Lab Sample ID: 890-1912-1

Date Collected: 01/28/22 09:00

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U	0.00202	0.000388	mg/Kg		02/07/22 08:19	02/08/22 01:27	1
Toluene	<0.000460	U	0.00202	0.000460	mg/Kg		02/07/22 08:19	02/08/22 01:27	1
Ethylbenzene	<0.000570	U	0.00202	0.000570	mg/Kg		02/07/22 08:19	02/08/22 01:27	1
m-Xylene & p-Xylene	<0.00102	U	0.00403	0.00102	mg/Kg		02/07/22 08:19	02/08/22 01:27	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg		02/07/22 08:19	02/08/22 01:27	1
Xylenes, Total	<0.00102	U	0.00403	0.00102	mg/Kg		02/07/22 08:19	02/08/22 01:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	02/07/22 08:19	02/08/22 01:27	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/07/22 08:19	02/08/22 01:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00403	0.00102	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23.9	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23.9	J F2 *- B	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 11:26	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 11:26	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 11:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				02/07/22 10:38	02/08/22 11:26	1
o-Terphenyl	104		70 - 130				02/07/22 10:38	02/08/22 11:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	341	F1	4.95	0.850	mg/Kg			02/14/22 19:55	1

Client Sample ID: S2A

Lab Sample ID: 890-1912-2

Date Collected: 01/28/22 09:05

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		02/07/22 08:19	02/08/22 01:48	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg		02/07/22 08:19	02/08/22 01:48	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg		02/07/22 08:19	02/08/22 01:48	1
m-Xylene & p-Xylene	<0.00101	U	0.00402	0.00101	mg/Kg		02/07/22 08:19	02/08/22 01:48	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg		02/07/22 08:19	02/08/22 01:48	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		02/07/22 08:19	02/08/22 01:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	02/07/22 08:19	02/08/22 01:48	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/07/22 08:19	02/08/22 01:48	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S2A

Lab Sample ID: 890-1912-2

Date Collected: 01/28/22 09:05

Matrix: Solid

Date Received: 02/04/22 13:09

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00402	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23.3	J	49.9	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23.3	J * - B	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 12:29	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 12:29	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 12:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				02/07/22 10:38	02/08/22 12:29	1
o-Terphenyl	115		70 - 130				02/07/22 10:38	02/08/22 12:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	368		5.00	0.858	mg/Kg			02/14/22 20:13	1

Client Sample ID: S3A

Lab Sample ID: 890-1912-3

Date Collected: 01/28/22 09:10

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		02/07/22 08:19	02/08/22 02:08	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		02/07/22 08:19	02/08/22 02:08	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		02/07/22 08:19	02/08/22 02:08	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		02/07/22 08:19	02/08/22 02:08	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		02/07/22 08:19	02/08/22 02:08	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		02/07/22 08:19	02/08/22 02:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130				02/07/22 08:19	02/08/22 02:08	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/07/22 08:19	02/08/22 02:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	22.8	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.8	J * - B	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 12:50	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 12:50	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S3A

Lab Sample ID: 890-1912-3

Date Collected: 01/28/22 09:10

Matrix: Solid

Date Received: 02/04/22 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				02/07/22 10:38	02/08/22 12:50	1
o-Terphenyl	104		70 - 130				02/07/22 10:38	02/08/22 12:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	325		4.96	0.851	mg/Kg			02/14/22 20:19	1

Client Sample ID: S4A

Lab Sample ID: 890-1912-4

Date Collected: 01/28/22 09:15

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		02/07/22 08:19	02/08/22 02:29	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg		02/07/22 08:19	02/08/22 02:29	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg		02/07/22 08:19	02/08/22 02:29	1
m-Xylene & p-Xylene	<0.00101	U	0.00402	0.00101	mg/Kg		02/07/22 08:19	02/08/22 02:29	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg		02/07/22 08:19	02/08/22 02:29	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		02/07/22 08:19	02/08/22 02:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				02/07/22 08:19	02/08/22 02:29	1
1,4-Difluorobenzene (Surr)	85		70 - 130				02/07/22 08:19	02/08/22 02:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00402	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23.9	J	49.9	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23.9	J *- B	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 13:11	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 13:11	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 13:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				02/07/22 10:38	02/08/22 13:11	1
o-Terphenyl	108		70 - 130				02/07/22 10:38	02/08/22 13:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3360		24.9	4.27	mg/Kg			02/14/22 20:26	5

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S5A

Lab Sample ID: 890-1912-5

Date Collected: 01/28/22 09:20

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		02/07/22 08:19	02/08/22 02:49	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		02/07/22 08:19	02/08/22 02:49	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		02/07/22 08:19	02/08/22 02:49	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		02/07/22 08:19	02/08/22 02:49	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg		02/07/22 08:19	02/08/22 02:49	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		02/07/22 08:19	02/08/22 02:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	02/07/22 08:19	02/08/22 02:49	1
1,4-Difluorobenzene (Surr)	83		70 - 130	02/07/22 08:19	02/08/22 02:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	29.0	J	49.9	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	29.0	J *- B	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 13:32	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 13:32	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				02/07/22 10:38	02/08/22 13:32	1
o-Terphenyl	97		70 - 130				02/07/22 10:38	02/08/22 13:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	189		4.95	0.850	mg/Kg			02/14/22 20:32	1

Client Sample ID: S6A

Lab Sample ID: 890-1912-6

Date Collected: 01/28/22 09:25

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		02/07/22 08:19	02/08/22 03:09	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		02/07/22 08:19	02/08/22 03:09	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		02/07/22 08:19	02/08/22 03:09	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		02/07/22 08:19	02/08/22 03:09	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg		02/07/22 08:19	02/08/22 03:09	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		02/07/22 08:19	02/08/22 03:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	02/07/22 08:19	02/08/22 03:09	1
1,4-Difluorobenzene (Surr)	127		70 - 130	02/07/22 08:19	02/08/22 03:09	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S6A

Lab Sample ID: 890-1912-6

Date Collected: 01/28/22 09:25

Matrix: Solid

Date Received: 02/04/22 13:09

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	21.5	J	49.9	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21.5	J * - B	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 13:53	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 13:53	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				02/07/22 10:38	02/08/22 13:53	1
o-Terphenyl	105		70 - 130				02/07/22 10:38	02/08/22 13:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	760		5.04	0.865	mg/Kg			02/14/22 20:50	1

Client Sample ID: S7A

Lab Sample ID: 890-1912-7

Date Collected: 01/28/22 09:30

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		02/07/22 08:19	02/08/22 04:59	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		02/07/22 08:19	02/08/22 04:59	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		02/07/22 08:19	02/08/22 04:59	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		02/07/22 08:19	02/08/22 04:59	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg		02/07/22 08:19	02/08/22 04:59	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		02/07/22 08:19	02/08/22 04:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130				02/07/22 08:19	02/08/22 04:59	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/07/22 08:19	02/08/22 04:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.8	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	16.8	J * - B	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 14:14	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 14:14	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S7A

Lab Sample ID: 890-1912-7

Date Collected: 01/28/22 09:30

Matrix: Solid

Date Received: 02/04/22 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				02/07/22 10:38	02/08/22 14:14	1
o-Terphenyl	98		70 - 130				02/07/22 10:38	02/08/22 14:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	828		4.97	0.853	mg/Kg			02/14/22 20:56	1

Client Sample ID: S8A

Lab Sample ID: 890-1912-8

Date Collected: 01/28/22 09:35

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		02/07/22 08:19	02/08/22 05:20	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		02/07/22 08:19	02/08/22 05:20	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		02/07/22 08:19	02/08/22 05:20	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		02/07/22 08:19	02/08/22 05:20	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		02/07/22 08:19	02/08/22 05:20	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		02/07/22 08:19	02/08/22 05:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				02/07/22 08:19	02/08/22 05:20	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/07/22 08:19	02/08/22 05:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	25.3	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	25.3	J *- B	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 14:35	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 14:35	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 14:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				02/07/22 10:38	02/08/22 14:35	1
o-Terphenyl	106		70 - 130				02/07/22 10:38	02/08/22 14:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	618		4.96	0.851	mg/Kg			02/14/22 21:02	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S9A

Lab Sample ID: 890-1912-9

Date Collected: 01/28/22 09:40

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		02/07/22 08:19	02/08/22 05:40	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		02/07/22 08:19	02/08/22 05:40	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		02/07/22 08:19	02/08/22 05:40	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		02/07/22 08:19	02/08/22 05:40	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		02/07/22 08:19	02/08/22 05:40	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		02/07/22 08:19	02/08/22 05:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	02/07/22 08:19	02/08/22 05:40	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/07/22 08:19	02/08/22 05:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	22.8	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.8	J *- B	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 14:56	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 14:56	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 14:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				02/07/22 10:38	02/08/22 14:56	1
o-Terphenyl	108		70 - 130				02/07/22 10:38	02/08/22 14:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.1		5.01	0.860	mg/Kg			02/14/22 21:09	1

Client Sample ID: S10A

Lab Sample ID: 890-1912-10

Date Collected: 01/28/22 09:45

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		02/07/22 08:19	02/08/22 06:01	1
Toluene	<0.000459	U	0.00201	0.000459	mg/Kg		02/07/22 08:19	02/08/22 06:01	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		02/07/22 08:19	02/08/22 06:01	1
m-Xylene & p-Xylene	<0.00102	U	0.00402	0.00102	mg/Kg		02/07/22 08:19	02/08/22 06:01	1
o-Xylene	<0.000346	U	0.00201	0.000346	mg/Kg		02/07/22 08:19	02/08/22 06:01	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		02/07/22 08:19	02/08/22 06:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	02/07/22 08:19	02/08/22 06:01	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/07/22 08:19	02/08/22 06:01	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S10A

Lab Sample ID: 890-1912-10

Date Collected: 01/28/22 09:45

Matrix: Solid

Date Received: 02/04/22 13:09

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00402	0.00102	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	49.9	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *-	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 15:17	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 15:17	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				02/07/22 10:38	02/08/22 15:17	1
o-Terphenyl	113		70 - 130				02/07/22 10:38	02/08/22 15:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	383		4.99	0.857	mg/Kg			02/14/22 21:15	1

Client Sample ID: S11A

Lab Sample ID: 890-1912-11

Date Collected: 01/28/22 09:50

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		02/07/22 08:19	02/08/22 06:21	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg		02/07/22 08:19	02/08/22 06:21	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg		02/07/22 08:19	02/08/22 06:21	1
m-Xylene & p-Xylene	<0.00101	U	0.00402	0.00101	mg/Kg		02/07/22 08:19	02/08/22 06:21	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg		02/07/22 08:19	02/08/22 06:21	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		02/07/22 08:19	02/08/22 06:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				02/07/22 08:19	02/08/22 06:21	1
1,4-Difluorobenzene (Surr)	102		70 - 130				02/07/22 08:19	02/08/22 06:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00402	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	33.2	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	33.2	J *- B	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 15:59	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 15:59	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S11A

Lab Sample ID: 890-1912-11

Date Collected: 01/28/22 09:50

Matrix: Solid

Date Received: 02/04/22 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 15:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				02/07/22 10:38	02/08/22 15:59	1
o-Terphenyl	121		70 - 130				02/07/22 10:38	02/08/22 15:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	344	F1	4.98	0.855	mg/Kg			02/14/22 21:21	1

Client Sample ID: S12A

Lab Sample ID: 890-1912-12

Date Collected: 01/28/22 09:55

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		02/07/22 08:19	02/08/22 06:41	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		02/07/22 08:19	02/08/22 06:41	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		02/07/22 08:19	02/08/22 06:41	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		02/07/22 08:19	02/08/22 06:41	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		02/07/22 08:19	02/08/22 06:41	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		02/07/22 08:19	02/08/22 06:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				02/07/22 08:19	02/08/22 06:41	1
1,4-Difluorobenzene (Surr)	89		70 - 130				02/07/22 08:19	02/08/22 06:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	41.0	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.7	J *- B	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 16:20	1
Diesel Range Organics (Over C10-C28)	18.3	J	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 16:20	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 16:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				02/07/22 10:38	02/08/22 16:20	1
o-Terphenyl	102		70 - 130				02/07/22 10:38	02/08/22 16:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	460		5.02	0.862	mg/Kg			02/14/22 21:39	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S13A

Lab Sample ID: 890-1912-13

Date Collected: 01/28/22 10:00

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		02/07/22 08:19	02/08/22 07:02	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		02/07/22 08:19	02/08/22 07:02	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		02/07/22 08:19	02/08/22 07:02	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		02/07/22 08:19	02/08/22 07:02	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		02/07/22 08:19	02/08/22 07:02	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		02/07/22 08:19	02/08/22 07:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	02/07/22 08:19	02/08/22 07:02	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/07/22 08:19	02/08/22 07:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	21.5	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21.5	J *- B	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 16:41	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 16:41	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 16:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				02/07/22 10:38	02/08/22 16:41	1
o-Terphenyl	108		70 - 130				02/07/22 10:38	02/08/22 16:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.7		4.95	0.850	mg/Kg			02/14/22 21:45	1

Client Sample ID: S14A

Lab Sample ID: 890-1912-14

Date Collected: 01/28/22 10:05

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.00198	0.000381	mg/Kg		02/07/22 08:19	02/08/22 07:22	1
Toluene	<0.000451	U	0.00198	0.000451	mg/Kg		02/07/22 08:19	02/08/22 07:22	1
Ethylbenzene	<0.000559	U	0.00198	0.000559	mg/Kg		02/07/22 08:19	02/08/22 07:22	1
m-Xylene & p-Xylene	<0.00100	U	0.00396	0.00100	mg/Kg		02/07/22 08:19	02/08/22 07:22	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg		02/07/22 08:19	02/08/22 07:22	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg		02/07/22 08:19	02/08/22 07:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	02/07/22 08:19	02/08/22 07:22	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/07/22 08:19	02/08/22 07:22	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S14A

Lab Sample ID: 890-1912-14

Date Collected: 01/28/22 10:05

Matrix: Solid

Date Received: 02/04/22 13:09

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00396	0.00100	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	25.5	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	25.5	J * - B	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 17:02	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 17:02	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 17:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				02/07/22 10:38	02/08/22 17:02	1
o-Terphenyl	110		70 - 130				02/07/22 10:38	02/08/22 17:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	518		5.05	0.867	mg/Kg			02/14/22 22:04	1

Client Sample ID: S15A

Lab Sample ID: 890-1912-15

Date Collected: 01/28/22 10:10

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00125	J	0.00199	0.000383	mg/Kg		02/07/22 08:19	02/08/22 07:43	1
Toluene	0.00112	J	0.00199	0.000454	mg/Kg		02/07/22 08:19	02/08/22 07:43	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		02/07/22 08:19	02/08/22 07:43	1
m-Xylene & p-Xylene	0.00234	J	0.00398	0.00101	mg/Kg		02/07/22 08:19	02/08/22 07:43	1
o-Xylene	0.00140	J	0.00199	0.000343	mg/Kg		02/07/22 08:19	02/08/22 07:43	1
Xylenes, Total	0.00374	J	0.00398	0.00101	mg/Kg		02/07/22 08:19	02/08/22 07:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				02/07/22 08:19	02/08/22 07:43	1
1,4-Difluorobenzene (Surr)	102		70 - 130				02/07/22 08:19	02/08/22 07:43	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00611		0.00398	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 17:23	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 17:23	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S15A

Lab Sample ID: 890-1912-15

Date Collected: 01/28/22 10:10

Matrix: Solid

Date Received: 02/04/22 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				02/07/22 10:38	02/08/22 17:23	1
o-Terphenyl	110		70 - 130				02/07/22 10:38	02/08/22 17:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.3		4.97	0.853	mg/Kg			02/14/22 22:10	1

Client Sample ID: S16A

Lab Sample ID: 890-1912-16

Date Collected: 01/28/22 10:15

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		02/08/22 07:30	02/08/22 20:38	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg		02/08/22 07:30	02/08/22 20:38	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg		02/08/22 07:30	02/08/22 20:38	1
m-Xylene & p-Xylene	<0.00101	U	0.00402	0.00101	mg/Kg		02/08/22 07:30	02/08/22 20:38	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg		02/08/22 07:30	02/08/22 20:38	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		02/08/22 07:30	02/08/22 20:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				02/08/22 07:30	02/08/22 20:38	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/08/22 07:30	02/08/22 20:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00402	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23.3	J	49.9	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23.3	J *- B	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 17:44	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 17:44	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				02/07/22 10:38	02/08/22 17:44	1
o-Terphenyl	102		70 - 130				02/07/22 10:38	02/08/22 17:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	464		4.95	0.850	mg/Kg			02/14/22 22:16	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S17A

Lab Sample ID: 890-1912-17

Date Collected: 01/28/22 10:20

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		02/07/22 08:33	02/08/22 00:37	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		02/07/22 08:33	02/08/22 00:37	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		02/07/22 08:33	02/08/22 00:37	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		02/07/22 08:33	02/08/22 00:37	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg		02/07/22 08:33	02/08/22 00:37	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		02/07/22 08:33	02/08/22 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	02/07/22 08:33	02/08/22 00:37	1
1,4-Difluorobenzene (Surr)	79		70 - 130	02/07/22 08:33	02/08/22 00:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	24.7	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	24.7	J *- B	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 18:05	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 18:05	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 18:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				02/07/22 10:38	02/08/22 18:05	1
o-Terphenyl	110		70 - 130				02/07/22 10:38	02/08/22 18:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	856		4.98	0.855	mg/Kg			02/14/22 22:22	1

Client Sample ID: S18A

Lab Sample ID: 890-1912-18

Date Collected: 01/28/22 10:25

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		02/07/22 08:33	02/08/22 00:58	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg		02/07/22 08:33	02/08/22 00:58	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg		02/07/22 08:33	02/08/22 00:58	1
m-Xylene & p-Xylene	<0.00101	U	0.00402	0.00101	mg/Kg		02/07/22 08:33	02/08/22 00:58	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg		02/07/22 08:33	02/08/22 00:58	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		02/07/22 08:33	02/08/22 00:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	02/07/22 08:33	02/08/22 00:58	1
1,4-Difluorobenzene (Surr)	106		70 - 130	02/07/22 08:33	02/08/22 00:58	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S18A

Lab Sample ID: 890-1912-18

Date Collected: 01/28/22 10:25

Matrix: Solid

Date Received: 02/04/22 13:09

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00402	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15.3	J	49.9	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15.3	J * - B	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 18:26	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 18:26	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:38	02/08/22 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				02/07/22 10:38	02/08/22 18:26	1
o-Terphenyl	106		70 - 130				02/07/22 10:38	02/08/22 18:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	881		5.00	0.858	mg/Kg			02/14/22 22:28	1

Client Sample ID: S19A

Lab Sample ID: 890-1912-19

Date Collected: 01/28/22 10:30

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000799	J	0.00202	0.000388	mg/Kg		02/07/22 08:33	02/08/22 01:18	1
Toluene	0.00125	J	0.00202	0.000460	mg/Kg		02/07/22 08:33	02/08/22 01:18	1
Ethylbenzene	0.00118	J	0.00202	0.000570	mg/Kg		02/07/22 08:33	02/08/22 01:18	1
m-Xylene & p-Xylene	0.00176	J	0.00403	0.00102	mg/Kg		02/07/22 08:33	02/08/22 01:18	1
o-Xylene	0.000456	J	0.00202	0.000347	mg/Kg		02/07/22 08:33	02/08/22 01:18	1
Xylenes, Total	0.00222	J	0.00403	0.00102	mg/Kg		02/07/22 08:33	02/08/22 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				02/07/22 08:33	02/08/22 01:18	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/07/22 08:33	02/08/22 01:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00545		0.00403	0.00102	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	26.9	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	26.9	J * - B	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 18:46	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 18:46	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S19A

Lab Sample ID: 890-1912-19

Date Collected: 01/28/22 10:30

Matrix: Solid

Date Received: 02/04/22 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				02/07/22 10:38	02/08/22 18:46	1
o-Terphenyl	100		70 - 130				02/07/22 10:38	02/08/22 18:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	323		4.96	0.851	mg/Kg			02/14/22 22:35	1

Client Sample ID: S20A

Lab Sample ID: 890-1912-20

Date Collected: 01/28/22 10:35

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000918	J	0.00199	0.000383	mg/Kg		02/07/22 08:33	02/08/22 01:39	1
Toluene	0.000527	J	0.00199	0.000453	mg/Kg		02/07/22 08:33	02/08/22 01:39	1
Ethylbenzene	0.000715	J	0.00199	0.000562	mg/Kg		02/07/22 08:33	02/08/22 01:39	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		02/07/22 08:33	02/08/22 01:39	1
o-Xylene	0.000973	J	0.00199	0.000342	mg/Kg		02/07/22 08:33	02/08/22 01:39	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		02/07/22 08:33	02/08/22 01:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				02/07/22 08:33	02/08/22 01:39	1
1,4-Difluorobenzene (Surr)	104		70 - 130				02/07/22 08:33	02/08/22 01:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00313	J	0.00398	0.00100	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23.5	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23.5	J *- B	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 19:06	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 19:06	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				02/07/22 10:38	02/08/22 19:06	1
o-Terphenyl	108		70 - 130				02/07/22 10:38	02/08/22 19:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.3		4.97	0.853	mg/Kg			02/14/22 22:41	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S21A

Lab Sample ID: 890-1912-21

Date Collected: 01/28/22 10:40

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		02/07/22 08:33	02/08/22 01:59	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		02/07/22 08:33	02/08/22 01:59	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		02/07/22 08:33	02/08/22 01:59	1
m-Xylene & p-Xylene	0.00184	J	0.00400	0.00101	mg/Kg		02/07/22 08:33	02/08/22 01:59	1
o-Xylene	0.000534	J	0.00200	0.000344	mg/Kg		02/07/22 08:33	02/08/22 01:59	1
Xylenes, Total	0.00237	J	0.00400	0.00101	mg/Kg		02/07/22 08:33	02/08/22 01:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	02/07/22 08:33	02/08/22 01:59	1
1,4-Difluorobenzene (Surr)	81		70 - 130	02/07/22 08:33	02/08/22 01:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00237	J	0.00400	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	26.8	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	26.8	J B	50.0	15.0	mg/Kg		02/07/22 10:42	02/08/22 02:43	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:42	02/08/22 02:43	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:42	02/08/22 02:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				02/07/22 10:42	02/08/22 02:43	1
o-Terphenyl	111		70 - 130				02/07/22 10:42	02/08/22 02:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	950		5.02	0.862	mg/Kg			02/10/22 02:20	1

Client Sample ID: S22A

Lab Sample ID: 890-1912-22

Date Collected: 01/28/22 10:45

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00118	J	0.00198	0.000381	mg/Kg		02/07/22 08:33	02/08/22 02:19	1
Toluene	<0.000451	U	0.00198	0.000451	mg/Kg		02/07/22 08:33	02/08/22 02:19	1
Ethylbenzene	<0.000559	U	0.00198	0.000559	mg/Kg		02/07/22 08:33	02/08/22 02:19	1
m-Xylene & p-Xylene	<0.00100	U	0.00396	0.00100	mg/Kg		02/07/22 08:33	02/08/22 02:19	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg		02/07/22 08:33	02/08/22 02:19	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg		02/07/22 08:33	02/08/22 02:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	02/07/22 08:33	02/08/22 02:19	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/07/22 08:33	02/08/22 02:19	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S22A

Lab Sample ID: 890-1912-22

Date Collected: 01/28/22 10:45

Matrix: Solid

Date Received: 02/04/22 13:09

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00118	J	0.00396	0.00100	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	27.2	J	49.9	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	27.2	J B	49.9	15.0	mg/Kg		02/07/22 10:42	02/08/22 03:04	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:42	02/08/22 03:04	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:42	02/08/22 03:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				02/07/22 10:42	02/08/22 03:04	1
o-Terphenyl	113		70 - 130				02/07/22 10:42	02/08/22 03:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	252		5.04	0.865	mg/Kg			02/10/22 02:25	1

Client Sample ID: S23A

Lab Sample ID: 890-1912-23

Date Collected: 01/28/22 10:50

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000582	J	0.00199	0.000383	mg/Kg		02/07/22 08:33	02/08/22 02:40	1
Toluene	0.000767	J	0.00199	0.000454	mg/Kg		02/07/22 08:33	02/08/22 02:40	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		02/07/22 08:33	02/08/22 02:40	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		02/07/22 08:33	02/08/22 02:40	1
o-Xylene	0.00109	J	0.00199	0.000343	mg/Kg		02/07/22 08:33	02/08/22 02:40	1
Xylenes, Total	0.00109	J	0.00398	0.00101	mg/Kg		02/07/22 08:33	02/08/22 02:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				02/07/22 08:33	02/08/22 02:40	1
1,4-Difluorobenzene (Surr)	90		70 - 130				02/07/22 08:33	02/08/22 02:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00244	J	0.00398	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23.5	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23.5	J B	50.0	15.0	mg/Kg		02/07/22 10:42	02/08/22 03:25	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:42	02/08/22 03:25	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S23A

Lab Sample ID: 890-1912-23

Date Collected: 01/28/22 10:50

Matrix: Solid

Date Received: 02/04/22 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:42	02/08/22 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				02/07/22 10:42	02/08/22 03:25	1
o-Terphenyl	121		70 - 130				02/07/22 10:42	02/08/22 03:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	356		5.00	0.858	mg/Kg			02/10/22 02:40	1

Client Sample ID: S24A

Lab Sample ID: 890-1912-24

Date Collected: 01/28/22 10:55

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		02/07/22 08:33	02/08/22 03:00	1
Toluene	0.000911	J	0.00200	0.000455	mg/Kg		02/07/22 08:33	02/08/22 03:00	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		02/07/22 08:33	02/08/22 03:00	1
m-Xylene & p-Xylene	0.00104	J	0.00399	0.00101	mg/Kg		02/07/22 08:33	02/08/22 03:00	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		02/07/22 08:33	02/08/22 03:00	1
Xylenes, Total	0.00104	J	0.00399	0.00101	mg/Kg		02/07/22 08:33	02/08/22 03:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				02/07/22 08:33	02/08/22 03:00	1
1,4-Difluorobenzene (Surr)	76		70 - 130				02/07/22 08:33	02/08/22 03:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00195	J	0.00399	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	25.4	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	25.4	J B	50.0	15.0	mg/Kg		02/07/22 10:42	02/08/22 03:45	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:42	02/08/22 03:45	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:42	02/08/22 03:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				02/07/22 10:42	02/08/22 03:45	1
o-Terphenyl	106		70 - 130				02/07/22 10:42	02/08/22 03:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.8		4.99	0.857	mg/Kg			02/10/22 02:45	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S25A

Lab Sample ID: 890-1912-25

Date Collected: 01/28/22 11:00

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		02/07/22 08:33	02/08/22 03:21	1
Toluene	0.000749	J	0.00201	0.000458	mg/Kg		02/07/22 08:33	02/08/22 03:21	1
Ethylbenzene	0.00125	J	0.00201	0.000567	mg/Kg		02/07/22 08:33	02/08/22 03:21	1
m-Xylene & p-Xylene	<0.00101	U	0.00402	0.00101	mg/Kg		02/07/22 08:33	02/08/22 03:21	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg		02/07/22 08:33	02/08/22 03:21	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		02/07/22 08:33	02/08/22 03:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				02/07/22 08:33	02/08/22 03:21	1
1,4-Difluorobenzene (Surr)	90		70 - 130				02/07/22 08:33	02/08/22 03:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00200	J	0.00402	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23.7	J	49.9	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23.7	J B	49.9	15.0	mg/Kg		02/07/22 10:42	02/08/22 04:06	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:42	02/08/22 04:06	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:42	02/08/22 04:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				02/07/22 10:42	02/08/22 04:06	1
o-Terphenyl	113		70 - 130				02/07/22 10:42	02/08/22 04:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	361		4.99	0.857	mg/Kg			02/10/22 02:49	1

Client Sample ID: S26A

Lab Sample ID: 890-1912-26

Date Collected: 01/28/22 11:05

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		02/07/22 08:33	02/08/22 03:41	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		02/07/22 08:33	02/08/22 03:41	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		02/07/22 08:33	02/08/22 03:41	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		02/07/22 08:33	02/08/22 03:41	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		02/07/22 08:33	02/08/22 03:41	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		02/07/22 08:33	02/08/22 03:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				02/07/22 08:33	02/08/22 03:41	1
1,4-Difluorobenzene (Surr)	77		70 - 130				02/07/22 08:33	02/08/22 03:41	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S26A

Lab Sample ID: 890-1912-26

Date Collected: 01/28/22 11:05

Matrix: Solid

Date Received: 02/04/22 13:09

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	27.3	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	27.3	J B	50.0	15.0	mg/Kg		02/07/22 10:42	02/08/22 04:27	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:42	02/08/22 04:27	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:42	02/08/22 04:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				02/07/22 10:42	02/08/22 04:27	1
o-Terphenyl	114		70 - 130				02/07/22 10:42	02/08/22 04:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	334		5.05	0.867	mg/Kg			02/10/22 02:54	1

Client Sample ID: S27A

Lab Sample ID: 890-1912-27

Date Collected: 01/28/22 11:10

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.00198	0.000381	mg/Kg		02/07/22 08:33	02/08/22 05:03	1
Toluene	<0.000451	U	0.00198	0.000451	mg/Kg		02/07/22 08:33	02/08/22 05:03	1
Ethylbenzene	0.00118	J	0.00198	0.000559	mg/Kg		02/07/22 08:33	02/08/22 05:03	1
m-Xylene & p-Xylene	<0.00100	U	0.00396	0.00100	mg/Kg		02/07/22 08:33	02/08/22 05:03	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg		02/07/22 08:33	02/08/22 05:03	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg		02/07/22 08:33	02/08/22 05:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				02/07/22 08:33	02/08/22 05:03	1
1,4-Difluorobenzene (Surr)	101		70 - 130				02/07/22 08:33	02/08/22 05:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00118	J	0.00396	0.00100	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	25.9	J	49.9	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	25.9	J B	49.9	15.0	mg/Kg		02/07/22 10:42	02/08/22 04:47	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:42	02/08/22 04:47	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S27A

Lab Sample ID: 890-1912-27

Date Collected: 01/28/22 11:10

Matrix: Solid

Date Received: 02/04/22 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/07/22 10:42	02/08/22 04:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				02/07/22 10:42	02/08/22 04:47	1
o-Terphenyl	114		70 - 130				02/07/22 10:42	02/08/22 04:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	252		4.97	0.853	mg/Kg			02/10/22 02:59	1

Client Sample ID: S28A

Lab Sample ID: 890-1912-28

Date Collected: 01/28/22 11:15

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		02/07/22 08:33	02/08/22 05:24	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		02/07/22 08:33	02/08/22 05:24	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		02/07/22 08:33	02/08/22 05:24	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		02/07/22 08:33	02/08/22 05:24	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg		02/07/22 08:33	02/08/22 05:24	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		02/07/22 08:33	02/08/22 05:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				02/07/22 08:33	02/08/22 05:24	1
1,4-Difluorobenzene (Surr)	89		70 - 130				02/07/22 08:33	02/08/22 05:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	24.4	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	24.4	J B	50.0	15.0	mg/Kg		02/07/22 10:42	02/08/22 05:08	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:42	02/08/22 05:08	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:42	02/08/22 05:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				02/07/22 10:42	02/08/22 05:08	1
o-Terphenyl	106		70 - 130				02/07/22 10:42	02/08/22 05:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		4.96	0.851	mg/Kg			02/10/22 03:04	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S29A

Lab Sample ID: 890-1912-29

Date Collected: 01/28/22 11:20

Matrix: Solid

Date Received: 02/04/22 13:09

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U	0.00202	0.000388	mg/Kg		02/07/22 08:33	02/08/22 05:44	1
Toluene	<0.000460	U	0.00202	0.000460	mg/Kg		02/07/22 08:33	02/08/22 05:44	1
Ethylbenzene	<0.000570	U	0.00202	0.000570	mg/Kg		02/07/22 08:33	02/08/22 05:44	1
m-Xylene & p-Xylene	<0.00102	U	0.00403	0.00102	mg/Kg		02/07/22 08:33	02/08/22 05:44	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg		02/07/22 08:33	02/08/22 05:44	1
Xylenes, Total	<0.00102	U	0.00403	0.00102	mg/Kg		02/07/22 08:33	02/08/22 05:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/07/22 08:33	02/08/22 05:44	1
1,4-Difluorobenzene (Surr)	104		70 - 130	02/07/22 08:33	02/08/22 05:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00403	0.00102	mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	30.6	J	50.0	15.0	mg/Kg			02/10/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		02/07/22 17:05	02/08/22 17:12	1
Diesel Range Organics (Over C10-C28)	30.6	J B	50.0	15.0	mg/Kg		02/07/22 17:05	02/08/22 17:12	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 17:05	02/08/22 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	02/07/22 17:05	02/08/22 17:12	1
o-Terphenyl	83		70 - 130	02/07/22 17:05	02/08/22 17:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	248		5.00	0.858	mg/Kg			02/10/22 03:09	1

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Surrogate Summary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-10931-A-7-A MS	Matrix Spike	127	105
880-10931-A-7-B MSD	Matrix Spike Duplicate	129	93
880-10942-A-1-A MS	Matrix Spike	116	84
880-10942-A-1-B MSD	Matrix Spike Duplicate	122	97
890-1912-1	S1A	131 S1+	99
890-1912-2	S2A	140 S1+	93
890-1912-3	S3A	134 S1+	97
890-1912-4	S4A	128	85
890-1912-5	S5A	139 S1+	83
890-1912-6	S6A	146 S1+	127
890-1912-7	S7A	137 S1+	98
890-1912-8	S8A	142 S1+	95
890-1912-9	S9A	131 S1+	96
890-1912-10	S10A	138 S1+	112
890-1912-11	S11A	145 S1+	102
890-1912-12	S12A	128	89
890-1912-13	S13A	124	92
890-1912-14	S14A	136 S1+	102
890-1912-15	S15A	124	102
890-1912-16	S16A	145 S1+	98
890-1912-17	S17A	112	79
890-1912-17 MS	S17A	107	107
890-1912-17 MSD	S17A	107	99
890-1912-18	S18A	130	106
890-1912-19	S19A	130	99
890-1912-20	S20A	131 S1+	104
890-1912-21	S21A	116	81
890-1912-22	S22A	132 S1+	99
890-1912-23	S23A	117	90
890-1912-24	S24A	122	76
890-1912-25	S25A	118	90
890-1912-26	S26A	124	77
890-1912-27	S27A	107	101
890-1912-28	S28A	108	89
890-1912-29	S29A	110	104
LCS 880-18658/1-A	Lab Control Sample	132 S1+	105
LCS 880-18662/1-A	Lab Control Sample	109	109
LCS 880-18670/1-A	Lab Control Sample	131 S1+	107
LCSD 880-18658/2-A	Lab Control Sample Dup	128	107
LCSD 880-18662/2-A	Lab Control Sample Dup	125	115
LCSD 880-18670/2-A	Lab Control Sample Dup	122	103
MB 880-18657/5-A	Method Blank	128	110
MB 880-18658/5-A	Method Blank	119	97
MB 880-18661/5-A	Method Blank	111	76
MB 880-18662/5-A	Method Blank	100	96
MB 880-18670/5-A	Method Blank	109	83

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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Surrogate Summary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

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 (70-130)	OTPH1 (70-130)
880-10781-A-22-E MS	Matrix Spike	71	64 S1-
880-10781-A-22-F MSD	Matrix Spike Duplicate	71	64 S1-
890-1910-A-1-E MS	Matrix Spike	93	89
890-1910-A-1-F MSD	Matrix Spike Duplicate	86	86
890-1912-1	S1A	98	104
890-1912-1 MS	S1A	86	90
890-1912-1 MSD	S1A	96	104
890-1912-2	S2A	102	115
890-1912-3	S3A	96	104
890-1912-4	S4A	97	108
890-1912-5	S5A	91	97
890-1912-6	S6A	94	105
890-1912-7	S7A	85	98
890-1912-8	S8A	101	106
890-1912-9	S9A	100	108
890-1912-10	S10A	103	113
890-1912-11	S11A	112	121
890-1912-12	S12A	95	102
890-1912-13	S13A	96	108
890-1912-14	S14A	101	110
890-1912-15	S15A	94	110
890-1912-16	S16A	91	102
890-1912-17	S17A	105	110
890-1912-18	S18A	98	106
890-1912-19	S19A	92	100
890-1912-20	S20A	93	108
890-1912-21	S21A	110	111
890-1912-22	S22A	110	113
890-1912-23	S23A	121	121
890-1912-24	S24A	106	106
890-1912-25	S25A	118	113
890-1912-26	S26A	113	114
890-1912-27	S27A	115	114
890-1912-28	S28A	107	106
890-1912-29	S29A	78	83
LCS 880-18779/2-A	Lab Control Sample	76	71
LCSD 880-18779/3-A	Lab Control Sample Dup	72	68 S1-
MB 880-18779/1-A	Method Blank	76	83
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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	1CO2 (70-130)	OTPH2 (70-130)
LCS 880-18693/2-A	Lab Control Sample	88	99

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Surrogate Summary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

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	1CO2	OTPH2				
		(70-130)	(70-130)				
LCS 880-18696/2-A	Lab Control Sample	93	99				
LCSD 880-18693/3-A	Lab Control Sample Dup	91	111				
LCSD 880-18696/3-A	Lab Control Sample Dup	106	107				
MB 880-18693/1-A	Method Blank	101	120				
MB 880-18696/1-A	Method Blank	104	110				
Surrogate Legend							
1CO = 1-Chlorooctane							
OTPH = o-Terphenyl							

QC Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-18657/5-A

Matrix: Solid

Analysis Batch: 18659

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18657

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		02/07/22 08:15	02/07/22 12:01	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		02/07/22 08:15	02/07/22 12:01	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		02/07/22 08:15	02/07/22 12:01	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		02/07/22 08:15	02/07/22 12:01	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		02/07/22 08:15	02/07/22 12:01	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		02/07/22 08:15	02/07/22 12:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	02/07/22 08:15	02/07/22 12:01	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/07/22 08:15	02/07/22 12:01	1

Lab Sample ID: MB 880-18658/5-A

Matrix: Solid

Analysis Batch: 18659

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18658

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		02/07/22 08:19	02/07/22 23:37	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		02/07/22 08:19	02/07/22 23:37	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		02/07/22 08:19	02/07/22 23:37	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		02/07/22 08:19	02/07/22 23:37	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		02/07/22 08:19	02/07/22 23:37	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		02/07/22 08:19	02/07/22 23:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	02/07/22 08:19	02/07/22 23:37	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/07/22 08:19	02/07/22 23:37	1

Lab Sample ID: LCS 880-18658/1-A

Matrix: Solid

Analysis Batch: 18659

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18658

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07715		mg/Kg		77	70 - 130
Toluene	0.100	0.07603		mg/Kg		76	70 - 130
Ethylbenzene	0.100	0.08313		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	0.200	0.1636		mg/Kg		82	70 - 130
o-Xylene	0.100	0.08153		mg/Kg		82	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-18658/2-A

Matrix: Solid

Analysis Batch: 18659

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18658

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.07175		mg/Kg		72	70 - 130	7	35

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QC Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

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

Lab Sample ID: LCSD 880-18658/2-A

Matrix: Solid

Analysis Batch: 18659

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18658

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.08159		mg/Kg		82	70 - 130	7	35
Ethylbenzene	0.100	0.08688		mg/Kg		87	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1632		mg/Kg		82	70 - 130	0	35
o-Xylene	0.100	0.08597		mg/Kg		86	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-10931-A-7-A MS

Matrix: Solid

Analysis Batch: 18659

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 18658

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.000383	U F1 F2	0.101	0.05752	F1	mg/Kg		57	70 - 130		
Toluene	<0.000453	U F1 F2	0.101	0.05827	F1	mg/Kg		58	70 - 130		
Ethylbenzene	<0.000562	U F1 F2	0.101	0.06333	F1	mg/Kg		63	70 - 130		
m-Xylene & p-Xylene	<0.00100	U F1 F2	0.201	0.1223	F1	mg/Kg		61	70 - 130		
o-Xylene	<0.000342	U F1 F2	0.101	0.05963	F1	mg/Kg		59	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-10931-A-7-B MSD

Matrix: Solid

Analysis Batch: 18659

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 18658

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.000383	U F1 F2	0.0990	0.01500	F1 F2	mg/Kg		15	70 - 130	117	35
Toluene	<0.000453	U F1 F2	0.0990	0.02418	F1 F2	mg/Kg		24	70 - 130	83	35
Ethylbenzene	<0.000562	U F1 F2	0.0990	0.02910	F1 F2	mg/Kg		29	70 - 130	74	35
m-Xylene & p-Xylene	<0.00100	U F1 F2	0.198	0.02518	F1 F2	mg/Kg		13	70 - 130	132	35
o-Xylene	<0.000342	U F1 F2	0.0990	0.03469	F1 F2	mg/Kg		35	70 - 130	53	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-18661/5-A

Matrix: Solid

Analysis Batch: 18663

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18661

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		02/07/22 08:26	02/07/22 12:21	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		02/07/22 08:26	02/07/22 12:21	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		02/07/22 08:26	02/07/22 12:21	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		02/07/22 08:26	02/07/22 12:21	1

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QC Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

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

Lab Sample ID: MB 880-18661/5-A

Matrix: Solid

Analysis Batch: 18663

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18661

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		02/07/22 08:26	02/07/22 12:21	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		02/07/22 08:26	02/07/22 12:21	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				02/07/22 08:26	02/07/22 12:21	1
1,4-Difluorobenzene (Surr)	76		70 - 130				02/07/22 08:26	02/07/22 12:21	1

Lab Sample ID: MB 880-18662/5-A

Matrix: Solid

Analysis Batch: 18663

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		02/07/22 08:33	02/08/22 00:16	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		02/07/22 08:33	02/08/22 00:16	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		02/07/22 08:33	02/08/22 00:16	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		02/07/22 08:33	02/08/22 00:16	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		02/07/22 08:33	02/08/22 00:16	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		02/07/22 08:33	02/08/22 00:16	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				02/07/22 08:33	02/08/22 00:16	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/07/22 08:33	02/08/22 00:16	1

Lab Sample ID: LCS 880-18662/1-A

Matrix: Solid

Analysis Batch: 18663

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07294		mg/Kg		73	70 - 130
Toluene	0.100	0.07036		mg/Kg		70	70 - 130
Ethylbenzene	0.100	0.07583		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	0.200	0.1511		mg/Kg		76	70 - 130
o-Xylene	0.100	0.07834		mg/Kg		78	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	109		70 - 130				
1,4-Difluorobenzene (Surr)	109		70 - 130				

Lab Sample ID: LCSD 880-18662/2-A

Matrix: Solid

Analysis Batch: 18663

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18662

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08358		mg/Kg		84	70 - 130	14	35
Toluene	0.100	0.08237		mg/Kg		82	70 - 130	16	35
Ethylbenzene	0.100	0.08834		mg/Kg		88	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.1763		mg/Kg		88	70 - 130	15	35
o-Xylene	0.100	0.09196		mg/Kg		92	70 - 130	16	35

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QC Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 890-1912-17 MS

Matrix: Solid

Analysis Batch: 18663

Client Sample ID: S17A

Prep Type: Total/NA

Prep Batch: 18662

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

Lab Sample ID: 890-1912-17 MSD

Matrix: Solid

Analysis Batch: 18663

Client Sample ID: S17A

Prep Type: Total/NA

Prep Batch: 18662

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.000383	U	0.0992	0.05636		mg/Kg					
Toluene	<0.000454	U	0.0992	0.05288		mg/Kg					
Ethylbenzene	<0.000563	U	0.0992	0.05863		mg/Kg					
m-Xylene & p-Xylene	<0.00101	U	0.198	0.1172		mg/Kg					
o-Xylene	<0.000343	U	0.0992	0.06057		mg/Kg					

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-18670/5-A

Matrix: Solid

Analysis Batch: 18798

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18670

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		02/08/22 07:30	02/08/22 12:11	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		02/08/22 07:30	02/08/22 12:11	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		02/08/22 07:30	02/08/22 12:11	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		02/08/22 07:30	02/08/22 12:11	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		02/08/22 07:30	02/08/22 12:11	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		02/08/22 07:30	02/08/22 12:11	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	109		70 - 130	02/08/22 07:30	02/08/22 12:11	1			
1,4-Difluorobenzene (Surr)	83		70 - 130	02/08/22 07:30	02/08/22 12:11	1			

Lab Sample ID: LCS 880-18670/1-A

Matrix: Solid

Analysis Batch: 18798

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07121		mg/Kg		71	70 - 130
Toluene	0.100	0.07841		mg/Kg		78	70 - 130
Ethylbenzene	0.100	0.08677		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1683		mg/Kg		84	70 - 130

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QC Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

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

Lab Sample ID: LCS 880-18670/1-A

Matrix: Solid

Analysis Batch: 18798

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.08921		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-18670/2-A

Matrix: Solid

Analysis Batch: 18798

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18670

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09148		mg/Kg		91	70 - 130	25	35
Toluene	0.100	0.09704		mg/Kg		97	70 - 130	21	35
Ethylbenzene	0.100	0.1035		mg/Kg		104	70 - 130	18	35
m-Xylene & p-Xylene	0.200	0.2038		mg/Kg		102	70 - 130	19	35
o-Xylene	0.100	0.09681		mg/Kg		97	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-10942-A-1-A MS

Matrix: Solid

Analysis Batch: 18798

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 18670

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.000872	J F1	0.100	0.04259	F1	mg/Kg		42	70 - 130
Toluene	0.00178	J F1	0.100	0.04960	F1	mg/Kg		48	70 - 130
Ethylbenzene	0.000564	J F1	0.100	0.05351	F1	mg/Kg		53	70 - 130
m-Xylene & p-Xylene	0.00753	F1	0.201	0.1103	F1	mg/Kg		51	70 - 130
o-Xylene	0.00617	F1	0.100	0.05723	F1	mg/Kg		51	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-10942-A-1-B MSD

Matrix: Solid

Analysis Batch: 18798

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 18670

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.000872	J F1	0.0998	0.04682	F1	mg/Kg		46	70 - 130	9	35
Toluene	0.00178	J F1	0.0998	0.05022	F1	mg/Kg		49	70 - 130	1	35
Ethylbenzene	0.000564	J F1	0.0998	0.04902	F1	mg/Kg		49	70 - 130	9	35
m-Xylene & p-Xylene	0.00753	F1	0.200	0.09260	F1	mg/Kg		43	70 - 130	17	35
o-Xylene	0.00617	F1	0.0998	0.04952	F1	mg/Kg		43	70 - 130	14	35

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QC Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

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

Lab Sample ID: 880-10942-A-1-B MSD

Matrix: Solid

Analysis Batch: 18798

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 18670

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Lab Sample ID: MB 880-18693/1-A

Matrix: Solid

Analysis Batch: 18805

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18693

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	21.74	J	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 10:23	1	
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 10:23	1	
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:38	02/08/22 10:23	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	101		70 - 130				02/07/22 10:38	02/08/22 10:23	1	
o-Terphenyl	120		70 - 130				02/07/22 10:38	02/08/22 10:23	1	

Lab Sample ID: LCS 880-18693/2-A

Matrix: Solid

Analysis Batch: 18805

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18693

	Spike	LCS	LCS						%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	679.7	*-	mg/Kg		68	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	950.5		mg/Kg		95	70 - 130			
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	88		70 - 130							
o-Terphenyl	99		70 - 130							

Lab Sample ID: LCSD 880-18693/3-A

Matrix: Solid

Analysis Batch: 18805

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18693

	Spike	LCSD	LCSD					%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	652.4	*-	mg/Kg		65	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)	1000	909.0		mg/Kg		91	70 - 130	4	20	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	91		70 - 130							
o-Terphenyl	111		70 - 130							

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QC Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

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

Lab Sample ID: 890-1912-1 MS

Matrix: Solid

Analysis Batch: 18805

Client Sample ID: S1A

Prep Type: Total/NA

Prep Batch: 18693

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	23.9	J F2 *- B	1000	885.9		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	<15.0	U	1000	1182		mg/Kg		118	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	86		70 - 130						
o-Terphenyl	90		70 - 130						

Lab Sample ID: 890-1912-1 MSD

Matrix: Solid

Analysis Batch: 18805

Client Sample ID: S1A

Prep Type: Total/NA

Prep Batch: 18693

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	23.9	J F2 *- B	998	1157	F2	mg/Kg		114	70 - 130	27	20
Diesel Range Organics (Over C10-C28)	<15.0	U	998	1236		mg/Kg		124	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	96		70 - 130								
o-Terphenyl	104		70 - 130								

Lab Sample ID: MB 880-18696/1-A

Matrix: Solid

Analysis Batch: 18673

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	20.46	J	50.0	15.0	mg/Kg		02/07/22 10:42	02/07/22 20:49	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:42	02/07/22 20:49	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 10:42	02/07/22 20:49	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				02/07/22 10:42	02/07/22 20:49	1
o-Terphenyl	110		70 - 130				02/07/22 10:42	02/07/22 20:49	1

Lab Sample ID: LCS 880-18696/2-A

Matrix: Solid

Analysis Batch: 18673

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1002		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	971.4		mg/Kg		97	70 - 130

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QC Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

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

Lab Sample ID: LCS 880-18696/2-A
Matrix: Solid
Analysis Batch: 18673

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18696

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: LCSD 880-18696/3-A
Matrix: Solid
Analysis Batch: 18673

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 18696

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	994.8		mg/Kg		99	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	965.3		mg/Kg		97	70 - 130	1	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	106										
o-Terphenyl	107										

Lab Sample ID: 890-1910-A-1-E MS
Matrix: Solid
Analysis Batch: 18673

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 18696

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	27.0	J B	1000	1189		mg/Kg		116	70 - 130		
Diesel Range Organics (Over C10-C28)	<15.0	U	1000	1126		mg/Kg		113	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	93										
o-Terphenyl	89										

Lab Sample ID: 890-1910-A-1-F MSD
Matrix: Solid
Analysis Batch: 18673

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 18696

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	27.0	J B	998	1161		mg/Kg		114	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<15.0	U	998	1103		mg/Kg		111	70 - 130	2	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	86										
o-Terphenyl	86										

QC Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

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

Lab Sample ID: MB 880-18779/1-A

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18779

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		02/07/22 17:05	02/08/22 13:37	1
Diesel Range Organics (Over C10-C28)	19.84	J	50.0	15.0	mg/Kg		02/07/22 17:05	02/08/22 13:37	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/07/22 17:05	02/08/22 13:37	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				02/07/22 17:05	02/08/22 13:37	1
o-Terphenyl	83		70 - 130				02/07/22 17:05	02/08/22 13:37	1

Lab Sample ID: LCS 880-18779/2-A

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	866.4		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	879.4		mg/Kg		88	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	76		70 - 130				
o-Terphenyl	71		70 - 130				

Lab Sample ID: LCSD 880-18779/3-A

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18779

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	826.6		mg/Kg		83	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	853.7		mg/Kg		85	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	72		70 - 130						
o-Terphenyl	68	S1-	70 - 130						

Lab Sample ID: 880-10781-A-22-E MS

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 18779

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	1000	865.2		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	52.3	B	1000	817.4		mg/Kg		77	70 - 130

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QC Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

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

Lab Sample ID: 880-10781-A-22-E MS

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 18779

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	71		70 - 130
o-Terphenyl	64	S1-	70 - 130

Lab Sample ID: 880-10781-A-22-F MSD

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 18779

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	998	868.9		mg/Kg		87	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	52.3	B	998	821.6		mg/Kg		77	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	71		70 - 130								
o-Terphenyl	64	S1-	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-18698/1-A

Matrix: Solid

Analysis Batch: 19007

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858	U	5.00	0.858	mg/Kg			02/10/22 00:43	1

Lab Sample ID: LCS 880-18698/2-A

Matrix: Solid

Analysis Batch: 19007

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	250.9		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-18698/3-A

Matrix: Solid

Analysis Batch: 19007

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	250	255.0		mg/Kg		102	90 - 110	2	20

Lab Sample ID: 890-1904-A-11-B MS

Matrix: Solid

Analysis Batch: 19007

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	77.9		249	330.3		mg/Kg		102	90 - 110

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QC Sample Results

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-1904-A-11-C MSD

Matrix: Solid

Analysis Batch: 19007

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	77.9		249	307.2		mg/Kg		92	90 - 110	7	20

Lab Sample ID: MB 880-18697/1-A

Matrix: Solid

Analysis Batch: 19101

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858	U	5.00	0.858	mg/Kg			02/14/22 19:36	1

Lab Sample ID: LCS 880-18697/2-A

Matrix: Solid

Analysis Batch: 19101

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	243.7		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-18697/3-A

Matrix: Solid

Analysis Batch: 19101

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	250	265.1		mg/Kg		106	90 - 110	8	20

Lab Sample ID: 890-1912-1 MS

Matrix: Solid

Analysis Batch: 19101

Client Sample ID: S1A

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	341	F1	248	662.7	F1	mg/Kg		130	90 - 110

Lab Sample ID: 890-1912-1 MSD

Matrix: Solid

Analysis Batch: 19101

Client Sample ID: S1A

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	341	F1	248	583.4		mg/Kg		98	90 - 110	13	20

Lab Sample ID: 890-1912-11 MS

Matrix: Solid

Analysis Batch: 19101

Client Sample ID: S11A

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	344	F1	249	679.7	F1	mg/Kg		135	90 - 110

Lab Sample ID: 890-1912-11 MSD

Matrix: Solid

Analysis Batch: 19101

Client Sample ID: S11A

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	344	F1	249	631.9	F1	mg/Kg		116	90 - 110	7	20

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QC Association Summary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

GC VOA

Prep Batch: 18657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-18657/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 18658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-1	S1A	Total/NA	Solid	5035	
890-1912-2	S2A	Total/NA	Solid	5035	
890-1912-3	S3A	Total/NA	Solid	5035	
890-1912-4	S4A	Total/NA	Solid	5035	
890-1912-5	S5A	Total/NA	Solid	5035	
890-1912-6	S6A	Total/NA	Solid	5035	
890-1912-7	S7A	Total/NA	Solid	5035	
890-1912-8	S8A	Total/NA	Solid	5035	
890-1912-9	S9A	Total/NA	Solid	5035	
890-1912-10	S10A	Total/NA	Solid	5035	
890-1912-11	S11A	Total/NA	Solid	5035	
890-1912-12	S12A	Total/NA	Solid	5035	
890-1912-13	S13A	Total/NA	Solid	5035	
890-1912-14	S14A	Total/NA	Solid	5035	
890-1912-15	S15A	Total/NA	Solid	5035	
MB 880-18658/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18658/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18658/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10931-A-7-A MS	Matrix Spike	Total/NA	Solid	5035	
880-10931-A-7-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 18659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-1	S1A	Total/NA	Solid	8021B	18658
890-1912-2	S2A	Total/NA	Solid	8021B	18658
890-1912-3	S3A	Total/NA	Solid	8021B	18658
890-1912-4	S4A	Total/NA	Solid	8021B	18658
890-1912-5	S5A	Total/NA	Solid	8021B	18658
890-1912-6	S6A	Total/NA	Solid	8021B	18658
890-1912-7	S7A	Total/NA	Solid	8021B	18658
890-1912-8	S8A	Total/NA	Solid	8021B	18658
890-1912-9	S9A	Total/NA	Solid	8021B	18658
890-1912-10	S10A	Total/NA	Solid	8021B	18658
890-1912-11	S11A	Total/NA	Solid	8021B	18658
890-1912-12	S12A	Total/NA	Solid	8021B	18658
890-1912-13	S13A	Total/NA	Solid	8021B	18658
890-1912-14	S14A	Total/NA	Solid	8021B	18658
890-1912-15	S15A	Total/NA	Solid	8021B	18658
MB 880-18657/5-A	Method Blank	Total/NA	Solid	8021B	18657
MB 880-18658/5-A	Method Blank	Total/NA	Solid	8021B	18658
LCS 880-18658/1-A	Lab Control Sample	Total/NA	Solid	8021B	18658
LCSD 880-18658/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18658
880-10931-A-7-A MS	Matrix Spike	Total/NA	Solid	8021B	18658
880-10931-A-7-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	18658

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QC Association Summary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

GC VOA

Prep Batch: 18661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-18661/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 18662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-17	S17A	Total/NA	Solid	5035	
890-1912-18	S18A	Total/NA	Solid	5035	
890-1912-19	S19A	Total/NA	Solid	5035	
890-1912-20	S20A	Total/NA	Solid	5035	
890-1912-21	S21A	Total/NA	Solid	5035	
890-1912-22	S22A	Total/NA	Solid	5035	
890-1912-23	S23A	Total/NA	Solid	5035	
890-1912-24	S24A	Total/NA	Solid	5035	
890-1912-25	S25A	Total/NA	Solid	5035	
890-1912-26	S26A	Total/NA	Solid	5035	
890-1912-27	S27A	Total/NA	Solid	5035	
890-1912-28	S28A	Total/NA	Solid	5035	
890-1912-29	S29A	Total/NA	Solid	5035	
MB 880-18662/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18662/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18662/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1912-17 MS	S17A	Total/NA	Solid	5035	
890-1912-17 MSD	S17A	Total/NA	Solid	5035	

Analysis Batch: 18663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-17	S17A	Total/NA	Solid	8021B	18662
890-1912-18	S18A	Total/NA	Solid	8021B	18662
890-1912-19	S19A	Total/NA	Solid	8021B	18662
890-1912-20	S20A	Total/NA	Solid	8021B	18662
890-1912-21	S21A	Total/NA	Solid	8021B	18662
890-1912-22	S22A	Total/NA	Solid	8021B	18662
890-1912-23	S23A	Total/NA	Solid	8021B	18662
890-1912-24	S24A	Total/NA	Solid	8021B	18662
890-1912-25	S25A	Total/NA	Solid	8021B	18662
890-1912-26	S26A	Total/NA	Solid	8021B	18662
890-1912-27	S27A	Total/NA	Solid	8021B	18662
890-1912-28	S28A	Total/NA	Solid	8021B	18662
890-1912-29	S29A	Total/NA	Solid	8021B	18662
MB 880-18661/5-A	Method Blank	Total/NA	Solid	8021B	18661
MB 880-18662/5-A	Method Blank	Total/NA	Solid	8021B	18662
LCS 880-18662/1-A	Lab Control Sample	Total/NA	Solid	8021B	18662
LCSD 880-18662/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18662
890-1912-17 MS	S17A	Total/NA	Solid	8021B	18662
890-1912-17 MSD	S17A	Total/NA	Solid	8021B	18662

Prep Batch: 18670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-16	S16A	Total/NA	Solid	5035	
MB 880-18670/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18670/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18670/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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QC Association Summary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

GC VOA (Continued)

Prep Batch: 18670 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10942-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-10942-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 18798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-16	S16A	Total/NA	Solid	8021B	18670
MB 880-18670/5-A	Method Blank	Total/NA	Solid	8021B	18670
LCS 880-18670/1-A	Lab Control Sample	Total/NA	Solid	8021B	18670
LCSD 880-18670/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18670
880-10942-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	18670
880-10942-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	18670

Analysis Batch: 19024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-1	S1A	Total/NA	Solid	Total BTEX	
890-1912-2	S2A	Total/NA	Solid	Total BTEX	
890-1912-3	S3A	Total/NA	Solid	Total BTEX	
890-1912-4	S4A	Total/NA	Solid	Total BTEX	
890-1912-5	S5A	Total/NA	Solid	Total BTEX	
890-1912-6	S6A	Total/NA	Solid	Total BTEX	
890-1912-7	S7A	Total/NA	Solid	Total BTEX	
890-1912-8	S8A	Total/NA	Solid	Total BTEX	
890-1912-9	S9A	Total/NA	Solid	Total BTEX	
890-1912-10	S10A	Total/NA	Solid	Total BTEX	
890-1912-11	S11A	Total/NA	Solid	Total BTEX	
890-1912-12	S12A	Total/NA	Solid	Total BTEX	
890-1912-13	S13A	Total/NA	Solid	Total BTEX	
890-1912-14	S14A	Total/NA	Solid	Total BTEX	
890-1912-15	S15A	Total/NA	Solid	Total BTEX	
890-1912-16	S16A	Total/NA	Solid	Total BTEX	
890-1912-17	S17A	Total/NA	Solid	Total BTEX	
890-1912-18	S18A	Total/NA	Solid	Total BTEX	
890-1912-19	S19A	Total/NA	Solid	Total BTEX	
890-1912-20	S20A	Total/NA	Solid	Total BTEX	
890-1912-21	S21A	Total/NA	Solid	Total BTEX	
890-1912-22	S22A	Total/NA	Solid	Total BTEX	
890-1912-23	S23A	Total/NA	Solid	Total BTEX	
890-1912-24	S24A	Total/NA	Solid	Total BTEX	
890-1912-25	S25A	Total/NA	Solid	Total BTEX	
890-1912-26	S26A	Total/NA	Solid	Total BTEX	
890-1912-27	S27A	Total/NA	Solid	Total BTEX	
890-1912-28	S28A	Total/NA	Solid	Total BTEX	
890-1912-29	S29A	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 18673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-21	S21A	Total/NA	Solid	8015B NM	18696
890-1912-22	S22A	Total/NA	Solid	8015B NM	18696
890-1912-23	S23A	Total/NA	Solid	8015B NM	18696

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QC Association Summary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

GC Semi VOA (Continued)

Analysis Batch: 18673 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-24	S24A	Total/NA	Solid	8015B NM	18696
890-1912-25	S25A	Total/NA	Solid	8015B NM	18696
890-1912-26	S26A	Total/NA	Solid	8015B NM	18696
890-1912-27	S27A	Total/NA	Solid	8015B NM	18696
890-1912-28	S28A	Total/NA	Solid	8015B NM	18696
MB 880-18696/1-A	Method Blank	Total/NA	Solid	8015B NM	18696
LCS 880-18696/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18696
LCSD 880-18696/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18696
890-1910-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	18696
890-1910-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	18696

Prep Batch: 18693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-1	S1A	Total/NA	Solid	8015NM Prep	
890-1912-2	S2A	Total/NA	Solid	8015NM Prep	
890-1912-3	S3A	Total/NA	Solid	8015NM Prep	
890-1912-4	S4A	Total/NA	Solid	8015NM Prep	
890-1912-5	S5A	Total/NA	Solid	8015NM Prep	
890-1912-6	S6A	Total/NA	Solid	8015NM Prep	
890-1912-7	S7A	Total/NA	Solid	8015NM Prep	
890-1912-8	S8A	Total/NA	Solid	8015NM Prep	
890-1912-9	S9A	Total/NA	Solid	8015NM Prep	
890-1912-10	S10A	Total/NA	Solid	8015NM Prep	
890-1912-11	S11A	Total/NA	Solid	8015NM Prep	
890-1912-12	S12A	Total/NA	Solid	8015NM Prep	
890-1912-13	S13A	Total/NA	Solid	8015NM Prep	
890-1912-14	S14A	Total/NA	Solid	8015NM Prep	
890-1912-15	S15A	Total/NA	Solid	8015NM Prep	
890-1912-16	S16A	Total/NA	Solid	8015NM Prep	
890-1912-17	S17A	Total/NA	Solid	8015NM Prep	
890-1912-18	S18A	Total/NA	Solid	8015NM Prep	
890-1912-19	S19A	Total/NA	Solid	8015NM Prep	
890-1912-20	S20A	Total/NA	Solid	8015NM Prep	
MB 880-18693/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18693/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18693/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1912-1 MS	S1A	Total/NA	Solid	8015NM Prep	
890-1912-1 MSD	S1A	Total/NA	Solid	8015NM Prep	

Prep Batch: 18696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-21	S21A	Total/NA	Solid	8015NM Prep	
890-1912-22	S22A	Total/NA	Solid	8015NM Prep	
890-1912-23	S23A	Total/NA	Solid	8015NM Prep	
890-1912-24	S24A	Total/NA	Solid	8015NM Prep	
890-1912-25	S25A	Total/NA	Solid	8015NM Prep	
890-1912-26	S26A	Total/NA	Solid	8015NM Prep	
890-1912-27	S27A	Total/NA	Solid	8015NM Prep	
890-1912-28	S28A	Total/NA	Solid	8015NM Prep	
MB 880-18696/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18696/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

GC Semi VOA (Continued)

Prep Batch: 18696 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-18696/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1910-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1910-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 18779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-29	S29A	Total/NA	Solid	8015NM Prep	
MB 880-18779/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18779/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18779/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10781-A-22-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-10781-A-22-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 18805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-1	S1A	Total/NA	Solid	8015B NM	18693
890-1912-2	S2A	Total/NA	Solid	8015B NM	18693
890-1912-3	S3A	Total/NA	Solid	8015B NM	18693
890-1912-4	S4A	Total/NA	Solid	8015B NM	18693
890-1912-5	S5A	Total/NA	Solid	8015B NM	18693
890-1912-6	S6A	Total/NA	Solid	8015B NM	18693
890-1912-7	S7A	Total/NA	Solid	8015B NM	18693
890-1912-8	S8A	Total/NA	Solid	8015B NM	18693
890-1912-9	S9A	Total/NA	Solid	8015B NM	18693
890-1912-10	S10A	Total/NA	Solid	8015B NM	18693
890-1912-11	S11A	Total/NA	Solid	8015B NM	18693
890-1912-12	S12A	Total/NA	Solid	8015B NM	18693
890-1912-13	S13A	Total/NA	Solid	8015B NM	18693
890-1912-14	S14A	Total/NA	Solid	8015B NM	18693
890-1912-15	S15A	Total/NA	Solid	8015B NM	18693
890-1912-16	S16A	Total/NA	Solid	8015B NM	18693
890-1912-17	S17A	Total/NA	Solid	8015B NM	18693
890-1912-18	S18A	Total/NA	Solid	8015B NM	18693
890-1912-19	S19A	Total/NA	Solid	8015B NM	18693
890-1912-20	S20A	Total/NA	Solid	8015B NM	18693
MB 880-18693/1-A	Method Blank	Total/NA	Solid	8015B NM	18693
LCS 880-18693/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18693
LCSD 880-18693/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18693
890-1912-1 MS	S1A	Total/NA	Solid	8015B NM	18693
890-1912-1 MSD	S1A	Total/NA	Solid	8015B NM	18693

Analysis Batch: 18806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-29	S29A	Total/NA	Solid	8015B NM	18779
MB 880-18779/1-A	Method Blank	Total/NA	Solid	8015B NM	18779
LCS 880-18779/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18779
LCSD 880-18779/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18779
880-10781-A-22-E MS	Matrix Spike	Total/NA	Solid	8015B NM	18779
880-10781-A-22-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	18779

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QC Association Summary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

GC Semi VOA

Analysis Batch: 19008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-1	S1A	Total/NA	Solid	8015 NM	
890-1912-2	S2A	Total/NA	Solid	8015 NM	
890-1912-3	S3A	Total/NA	Solid	8015 NM	
890-1912-4	S4A	Total/NA	Solid	8015 NM	
890-1912-5	S5A	Total/NA	Solid	8015 NM	
890-1912-6	S6A	Total/NA	Solid	8015 NM	
890-1912-7	S7A	Total/NA	Solid	8015 NM	
890-1912-8	S8A	Total/NA	Solid	8015 NM	
890-1912-9	S9A	Total/NA	Solid	8015 NM	
890-1912-10	S10A	Total/NA	Solid	8015 NM	
890-1912-11	S11A	Total/NA	Solid	8015 NM	
890-1912-12	S12A	Total/NA	Solid	8015 NM	
890-1912-13	S13A	Total/NA	Solid	8015 NM	
890-1912-14	S14A	Total/NA	Solid	8015 NM	
890-1912-15	S15A	Total/NA	Solid	8015 NM	
890-1912-16	S16A	Total/NA	Solid	8015 NM	
890-1912-17	S17A	Total/NA	Solid	8015 NM	
890-1912-18	S18A	Total/NA	Solid	8015 NM	
890-1912-19	S19A	Total/NA	Solid	8015 NM	
890-1912-20	S20A	Total/NA	Solid	8015 NM	
890-1912-21	S21A	Total/NA	Solid	8015 NM	
890-1912-22	S22A	Total/NA	Solid	8015 NM	
890-1912-23	S23A	Total/NA	Solid	8015 NM	
890-1912-24	S24A	Total/NA	Solid	8015 NM	
890-1912-25	S25A	Total/NA	Solid	8015 NM	
890-1912-26	S26A	Total/NA	Solid	8015 NM	
890-1912-27	S27A	Total/NA	Solid	8015 NM	
890-1912-28	S28A	Total/NA	Solid	8015 NM	
890-1912-29	S29A	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 18697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-1	S1A	Soluble	Solid	DI Leach	
890-1912-2	S2A	Soluble	Solid	DI Leach	
890-1912-3	S3A	Soluble	Solid	DI Leach	
890-1912-4	S4A	Soluble	Solid	DI Leach	
890-1912-5	S5A	Soluble	Solid	DI Leach	
890-1912-6	S6A	Soluble	Solid	DI Leach	
890-1912-7	S7A	Soluble	Solid	DI Leach	
890-1912-8	S8A	Soluble	Solid	DI Leach	
890-1912-9	S9A	Soluble	Solid	DI Leach	
890-1912-10	S10A	Soluble	Solid	DI Leach	
890-1912-11	S11A	Soluble	Solid	DI Leach	
890-1912-12	S12A	Soluble	Solid	DI Leach	
890-1912-13	S13A	Soluble	Solid	DI Leach	
890-1912-14	S14A	Soluble	Solid	DI Leach	
890-1912-15	S15A	Soluble	Solid	DI Leach	
890-1912-16	S16A	Soluble	Solid	DI Leach	
890-1912-17	S17A	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

HPLC/IC (Continued)

Leach Batch: 18697 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-18	S18A	Soluble	Solid	DI Leach	
890-1912-19	S19A	Soluble	Solid	DI Leach	
890-1912-20	S20A	Soluble	Solid	DI Leach	
MB 880-18697/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18697/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-18697/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1912-1 MS	S1A	Soluble	Solid	DI Leach	
890-1912-1 MSD	S1A	Soluble	Solid	DI Leach	
890-1912-11 MS	S11A	Soluble	Solid	DI Leach	
890-1912-11 MSD	S11A	Soluble	Solid	DI Leach	

Leach Batch: 18698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-21	S21A	Soluble	Solid	DI Leach	
890-1912-22	S22A	Soluble	Solid	DI Leach	
890-1912-23	S23A	Soluble	Solid	DI Leach	
890-1912-24	S24A	Soluble	Solid	DI Leach	
890-1912-25	S25A	Soluble	Solid	DI Leach	
890-1912-26	S26A	Soluble	Solid	DI Leach	
890-1912-27	S27A	Soluble	Solid	DI Leach	
890-1912-28	S28A	Soluble	Solid	DI Leach	
890-1912-29	S29A	Soluble	Solid	DI Leach	
MB 880-18698/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18698/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-18698/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1904-A-11-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-1904-A-11-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 19007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-21	S21A	Soluble	Solid	300.0	18698
890-1912-22	S22A	Soluble	Solid	300.0	18698
890-1912-23	S23A	Soluble	Solid	300.0	18698
890-1912-24	S24A	Soluble	Solid	300.0	18698
890-1912-25	S25A	Soluble	Solid	300.0	18698
890-1912-26	S26A	Soluble	Solid	300.0	18698
890-1912-27	S27A	Soluble	Solid	300.0	18698
890-1912-28	S28A	Soluble	Solid	300.0	18698
890-1912-29	S29A	Soluble	Solid	300.0	18698
MB 880-18698/1-A	Method Blank	Soluble	Solid	300.0	18698
LCS 880-18698/2-A	Lab Control Sample	Soluble	Solid	300.0	18698
LCSD 880-18698/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18698
890-1904-A-11-B MS	Matrix Spike	Soluble	Solid	300.0	18698
890-1904-A-11-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	18698

Analysis Batch: 19101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-1	S1A	Soluble	Solid	300.0	18697
890-1912-2	S2A	Soluble	Solid	300.0	18697
890-1912-3	S3A	Soluble	Solid	300.0	18697
890-1912-4	S4A	Soluble	Solid	300.0	18697

Eurofins Carlsbad

QC Association Summary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

HPLC/IC (Continued)

Analysis Batch: 19101 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1912-5	S5A	Soluble	Solid	300.0	18697
890-1912-6	S6A	Soluble	Solid	300.0	18697
890-1912-7	S7A	Soluble	Solid	300.0	18697
890-1912-8	S8A	Soluble	Solid	300.0	18697
890-1912-9	S9A	Soluble	Solid	300.0	18697
890-1912-10	S10A	Soluble	Solid	300.0	18697
890-1912-11	S11A	Soluble	Solid	300.0	18697
890-1912-12	S12A	Soluble	Solid	300.0	18697
890-1912-13	S13A	Soluble	Solid	300.0	18697
890-1912-14	S14A	Soluble	Solid	300.0	18697
890-1912-15	S15A	Soluble	Solid	300.0	18697
890-1912-16	S16A	Soluble	Solid	300.0	18697
890-1912-17	S17A	Soluble	Solid	300.0	18697
890-1912-18	S18A	Soluble	Solid	300.0	18697
890-1912-19	S19A	Soluble	Solid	300.0	18697
890-1912-20	S20A	Soluble	Solid	300.0	18697
MB 880-18697/1-A	Method Blank	Soluble	Solid	300.0	18697
LCS 880-18697/2-A	Lab Control Sample	Soluble	Solid	300.0	18697
LCSD 880-18697/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18697
890-1912-1 MS	S1A	Soluble	Solid	300.0	18697
890-1912-1 MSD	S1A	Soluble	Solid	300.0	18697
890-1912-11 MS	S11A	Soluble	Solid	300.0	18697
890-1912-11 MSD	S11A	Soluble	Solid	300.0	18697

Lab Chronicle

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S1A

Lab Sample ID: 890-1912-1

Date Collected: 01/28/22 09:00

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	18658	02/07/22 08:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18659	02/08/22 01:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 11:26	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 19:55	CH	XEN MID

Client Sample ID: S2A

Lab Sample ID: 890-1912-2

Date Collected: 01/28/22 09:05

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	18658	02/07/22 08:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18659	02/08/22 01:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 12:29	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 20:13	CH	XEN MID

Client Sample ID: S3A

Lab Sample ID: 890-1912-3

Date Collected: 01/28/22 09:10

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	18658	02/07/22 08:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18659	02/08/22 02:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 12:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 20:19	CH	XEN MID

Client Sample ID: S4A

Lab Sample ID: 890-1912-4

Date Collected: 01/28/22 09:15

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	18658	02/07/22 08:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18659	02/08/22 02:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S4A

Lab Sample ID: 890-1912-4

Date Collected: 01/28/22 09:15

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 13:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		5			19101	02/14/22 20:26	CH	XEN MID

Client Sample ID: S5A

Lab Sample ID: 890-1912-5

Date Collected: 01/28/22 09:20

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	18658	02/07/22 08:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18659	02/08/22 02:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 13:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 20:32	CH	XEN MID

Client Sample ID: S6A

Lab Sample ID: 890-1912-6

Date Collected: 01/28/22 09:25

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	18658	02/07/22 08:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18659	02/08/22 03:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 13:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 20:50	CH	XEN MID

Client Sample ID: S7A

Lab Sample ID: 890-1912-7

Date Collected: 01/28/22 09:30

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	18658	02/07/22 08:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18659	02/08/22 04:59	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 14:14	AJ	XEN MID

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Lab Chronicle

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S7A

Lab Sample ID: 890-1912-7

Date Collected: 01/28/22 09:30

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 20:56	CH	XEN MID

Client Sample ID: S8A

Lab Sample ID: 890-1912-8

Date Collected: 01/28/22 09:35

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	18658	02/07/22 08:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18659	02/08/22 05:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 14:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 21:02	CH	XEN MID

Client Sample ID: S9A

Lab Sample ID: 890-1912-9

Date Collected: 01/28/22 09:40

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	18658	02/07/22 08:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18659	02/08/22 05:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 14:56	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 21:09	CH	XEN MID

Client Sample ID: S10A

Lab Sample ID: 890-1912-10

Date Collected: 01/28/22 09:45

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	18658	02/07/22 08:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18659	02/08/22 06:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 15:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 21:15	CH	XEN MID

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Lab Chronicle

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S11A

Lab Sample ID: 890-1912-11

Date Collected: 01/28/22 09:50

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	18658	02/07/22 08:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18659	02/08/22 06:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 15:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 21:21	CH	XEN MID

Client Sample ID: S12A

Lab Sample ID: 890-1912-12

Date Collected: 01/28/22 09:55

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	18658	02/07/22 08:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18659	02/08/22 06:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 16:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 21:39	CH	XEN MID

Client Sample ID: S13A

Lab Sample ID: 890-1912-13

Date Collected: 01/28/22 10:00

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	18658	02/07/22 08:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18659	02/08/22 07:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 16:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 21:45	CH	XEN MID

Client Sample ID: S14A

Lab Sample ID: 890-1912-14

Date Collected: 01/28/22 10:05

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	18658	02/07/22 08:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18659	02/08/22 07:22	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S14A

Lab Sample ID: 890-1912-14

Date Collected: 01/28/22 10:05

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 17:02	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 22:04	CH	XEN MID

Client Sample ID: S15A

Lab Sample ID: 890-1912-15

Date Collected: 01/28/22 10:10

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	18658	02/07/22 08:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18659	02/08/22 07:43	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 17:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 22:10	CH	XEN MID

Client Sample ID: S16A

Lab Sample ID: 890-1912-16

Date Collected: 01/28/22 10:15

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	18670	02/08/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18798	02/08/22 20:38	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 17:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 22:16	CH	XEN MID

Client Sample ID: S17A

Lab Sample ID: 890-1912-17

Date Collected: 01/28/22 10:20

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	18662	02/07/22 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18663	02/08/22 00:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 18:05	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S17A

Lab Sample ID: 890-1912-17

Date Collected: 01/28/22 10:20

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 22:22	CH	XEN MID

Client Sample ID: S18A

Lab Sample ID: 890-1912-18

Date Collected: 01/28/22 10:25

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	18662	02/07/22 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18663	02/08/22 00:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 18:26	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 22:28	CH	XEN MID

Client Sample ID: S19A

Lab Sample ID: 890-1912-19

Date Collected: 01/28/22 10:30

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	18662	02/07/22 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18663	02/08/22 01:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 18:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 22:35	CH	XEN MID

Client Sample ID: S20A

Lab Sample ID: 890-1912-20

Date Collected: 01/28/22 10:35

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	18662	02/07/22 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18663	02/08/22 01:39	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18693	02/07/22 10:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/08/22 19:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18697	02/07/22 10:50	SC	XEN MID
Soluble	Analysis	300.0		1			19101	02/14/22 22:41	CH	XEN MID

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Lab Chronicle

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S21A

Lab Sample ID: 890-1912-21

Date Collected: 01/28/22 10:40

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	18662	02/07/22 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18663	02/08/22 01:59	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18696	02/07/22 10:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18673	02/08/22 02:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	18698	02/07/22 10:54	SC	XEN MID
Soluble	Analysis	300.0		1			19007	02/10/22 02:20	CH	XEN MID

Client Sample ID: S22A

Lab Sample ID: 890-1912-22

Date Collected: 01/28/22 10:45

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	18662	02/07/22 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18663	02/08/22 02:19	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18696	02/07/22 10:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18673	02/08/22 03:04	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18698	02/07/22 10:54	SC	XEN MID
Soluble	Analysis	300.0		1			19007	02/10/22 02:25	CH	XEN MID

Client Sample ID: S23A

Lab Sample ID: 890-1912-23

Date Collected: 01/28/22 10:50

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	18662	02/07/22 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18663	02/08/22 02:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18696	02/07/22 10:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18673	02/08/22 03:25	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18698	02/07/22 10:54	SC	XEN MID
Soluble	Analysis	300.0		1			19007	02/10/22 02:40	CH	XEN MID

Client Sample ID: S24A

Lab Sample ID: 890-1912-24

Date Collected: 01/28/22 10:55

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	18662	02/07/22 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18663	02/08/22 03:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S24A

Lab Sample ID: 890-1912-24

Date Collected: 01/28/22 10:55

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18696	02/07/22 10:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18673	02/08/22 03:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18698	02/07/22 10:54	SC	XEN MID
Soluble	Analysis	300.0		1			19007	02/10/22 02:45	CH	XEN MID

Client Sample ID: S25A

Lab Sample ID: 890-1912-25

Date Collected: 01/28/22 11:00

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	18662	02/07/22 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18663	02/08/22 03:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18696	02/07/22 10:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18673	02/08/22 04:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18698	02/07/22 10:54	SC	XEN MID
Soluble	Analysis	300.0		1			19007	02/10/22 02:49	CH	XEN MID

Client Sample ID: S26A

Lab Sample ID: 890-1912-26

Date Collected: 01/28/22 11:05

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	18662	02/07/22 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18663	02/08/22 03:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18696	02/07/22 10:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18673	02/08/22 04:27	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	18698	02/07/22 10:54	SC	XEN MID
Soluble	Analysis	300.0		1			19007	02/10/22 02:54	CH	XEN MID

Client Sample ID: S27A

Lab Sample ID: 890-1912-27

Date Collected: 01/28/22 11:10

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	18662	02/07/22 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18663	02/08/22 05:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18696	02/07/22 10:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18673	02/08/22 04:47	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Client Sample ID: S27A

Lab Sample ID: 890-1912-27

Date Collected: 01/28/22 11:10

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	18698	02/07/22 10:54	SC	XEN MID
Soluble	Analysis	300.0		1			19007	02/10/22 02:59	CH	XEN MID

Client Sample ID: S28A

Lab Sample ID: 890-1912-28

Date Collected: 01/28/22 11:15

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	18662	02/07/22 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18663	02/08/22 05:24	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18696	02/07/22 10:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18673	02/08/22 05:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	18698	02/07/22 10:54	SC	XEN MID
Soluble	Analysis	300.0		1			19007	02/10/22 03:04	CH	XEN MID

Client Sample ID: S29A

Lab Sample ID: 890-1912-29

Date Collected: 01/28/22 11:20

Matrix: Solid

Date Received: 02/04/22 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	18662	02/07/22 08:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18663	02/08/22 05:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18779	02/07/22 17:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/08/22 17:12	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18698	02/07/22 10:54	SC	XEN MID
Soluble	Analysis	300.0		1			19007	02/10/22 03:09	CH	XEN MID

Laboratory References:

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

Eurofins Carlsbad

Accreditation/Certification Summary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Talon/LPE
Project/Site: Tony LaRussa

Job ID: 890-1912-1
SDG: Eddy

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-1912-1	S1A	Solid	01/28/22 09:00	02/04/22 13:09
890-1912-2	S2A	Solid	01/28/22 09:05	02/04/22 13:09
890-1912-3	S3A	Solid	01/28/22 09:10	02/04/22 13:09
890-1912-4	S4A	Solid	01/28/22 09:15	02/04/22 13:09
890-1912-5	S5A	Solid	01/28/22 09:20	02/04/22 13:09
890-1912-6	S6A	Solid	01/28/22 09:25	02/04/22 13:09
890-1912-7	S7A	Solid	01/28/22 09:30	02/04/22 13:09
890-1912-8	S8A	Solid	01/28/22 09:35	02/04/22 13:09
890-1912-9	S9A	Solid	01/28/22 09:40	02/04/22 13:09
890-1912-10	S10A	Solid	01/28/22 09:45	02/04/22 13:09
890-1912-11	S11A	Solid	01/28/22 09:50	02/04/22 13:09
890-1912-12	S12A	Solid	01/28/22 09:55	02/04/22 13:09
890-1912-13	S13A	Solid	01/28/22 10:00	02/04/22 13:09
890-1912-14	S14A	Solid	01/28/22 10:05	02/04/22 13:09
890-1912-15	S15A	Solid	01/28/22 10:10	02/04/22 13:09
890-1912-16	S16A	Solid	01/28/22 10:15	02/04/22 13:09
890-1912-17	S17A	Solid	01/28/22 10:20	02/04/22 13:09
890-1912-18	S18A	Solid	01/28/22 10:25	02/04/22 13:09
890-1912-19	S19A	Solid	01/28/22 10:30	02/04/22 13:09
890-1912-20	S20A	Solid	01/28/22 10:35	02/04/22 13:09
890-1912-21	S21A	Solid	01/28/22 10:40	02/04/22 13:09
890-1912-22	S22A	Solid	01/28/22 10:45	02/04/22 13:09
890-1912-23	S23A	Solid	01/28/22 10:50	02/04/22 13:09
890-1912-24	S24A	Solid	01/28/22 10:55	02/04/22 13:09
890-1912-25	S25A	Solid	01/28/22 11:00	02/04/22 13:09
890-1912-26	S26A	Solid	01/28/22 11:05	02/04/22 13:09
890-1912-27	S27A	Solid	01/28/22 11:10	02/04/22 13:09
890-1912-28	S28A	Solid	01/28/22 11:15	02/04/22 13:09
890-1912-29	S29A	Solid	01/28/22 11:20	02/04/22 13:09



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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

Chain of Custody

Work Order No. _____

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Page 1 of 3

Project Manager:	LeBron Pous	Bill to: (if different)	
Company Name:	Talar LPE	Company Name:	
Address:	4087 Jakes	Address:	
City, State ZIP:	Actes, nm 88410	City, State ZIP:	
Phone:	(505) 74-8768	Email:	

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:	Tony Lafusa	Attn Around	☒ Routine ☐ Rush	Pres. Code	
Project Number:	702520.014.01	Due Date:			
Project Location:	EDDY.	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	ACTES				
PO #:					
SAMPLE RECEIPT	Temp Blank: ☒ No ☐ Yes	Well Ice: ☒ No ☐ Yes			
Samples Received Intact:	☒ Yes ☐ No	Thermometer ID:	11111111		
Cooler Custody Seals:	☒ Yes ☐ No	Correction Factor:	-0.2		
Sample Custody Seals:	☒ Yes ☐ No	Temperature Reading:	5.8		
Total Containers:		Corrected Temperature:	5.6		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes
5.1 A		1/28	9:00			1	CL	None, NO
5.2 A			9:05			1	TPH	DI Water, H ₂ O
5.3 A			9:10			1	BTex	Cool: Cool
5.4 A			9:15			1		HCL: HC
5.5 A			9:20			1		H ₂ SO ₄ : H ₂
5.6 A			9:25			1		H ₃ PO ₄ : HP
5.7 A			9:30			1		NaHSO ₄ : NABIS
5.8 A			9:35			1		Na ₂ S ₂ O ₃ : NaSO ₃
5.9 A			9:40			1		Zn Acetate+NaOH: Zn
5.10 A			9:45			1		NaOH+Ascorbic Acid: SAPC

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		TCPLP/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

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

Chain of Custody

Work Order No: _____

www.xenco.com Page 2 of 3

Project Manager:	Leoben PWS	Bill to: (if different)	
Company Name:	Taylor LPT	Company Name:	
Address:	408 Taylor	Address:	
City, State ZIP:	Austin TX 78701	City, State ZIP:	
Phone:	(512) 741-8768	Email:	

Project Name:	Taylor LPT	Turn Around	Prep. Code
Project Number:	702530.014.01	☒ Routine ☐ Rush	
Project Location:	EDD	Due Date:	
Sampler's Name:	Alex Paine	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes No	Thermometer ID:	Yes No	Wellness:	Yes No	Parameters
Samples Received Inact:	Yes No						
Cooler Custody Seals:	Yes No		Corruption Factor:				
Sample Custody Seals:	Yes No		Temperature Reading:				
Total Containers:			Corrected Temperature:				

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Cont	# of	ANALYSIS REQUEST	Preservative Codes
3.11 A		1/28	9:50			1	CL	None: NO DI Water: H ₂ O
3.12 A			9:56			1	TPH	Cool: Cool MeOH: Me
3.13 A			10:00			1	BTx	HCL: HC HNO ₃ : HN
3.14 A			10:05			1		H ₂ SO ₄ : H ₂ NaOH: Na
3.15 A			10:10			1		H ₃ PO ₄ : HP
3.16 A			10:15			1		NaHSO ₄ : NABIS
3.17 A			10:20			1		Na ₂ S ₂ O ₃ : NaSO ₃
3.18 A			10:25			1		Zn Acetate+NaOH: Zn
3.19 A			10:30			1		NaOH+Ascorbic Acid: SAPC
3.20 A			10:35			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 TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		2/6/22	2		
3			4		
5			6		



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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

Chain of Custody

Work Order No: _____

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Project Manager:	Lebeck Pous	Bill to: (if different)	
Company Name:	TPH LLC	Company Name:	
Address:	408 E 4th	Address:	
City, State ZIP:	Amarillo, NM 88010	City, State ZIP:	
Phone:	(505) 744-8768	Email:	

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:	Turn Around	Pres. Code		
Project Number:	100520.0140	☒ Routine ☐ Rush		
Project Location:	EDD	Due Date:		
Sampler's Name:	TPH LLC	TAT starts the day received by the lab, if received by 4:30pm		
PO #:		Temp Blank:	Yes ☐ No ☐	
SAMPLE RECEIPT	Temp Blank:	Yes ☐ No ☐	Well Ice:	Yes ☐ No ☐
Samples Received Intact:	Yes ☐ No ☐	Thermometer ID:		
Cooler Custody Seals:	Yes ☐ No ☐	Refrigeration 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	ANALYSIS REQUEST	Preservative Codes
3.21A		10/28	10:40			1	CL TPH BT	None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
3.22A			10:45			1		
3.23A			10:50			1		
3.24A			10:55			1		
3.25A			11:00			1		
3.26A			11:05			1		
3.27A			11:10			1		
3.28A			11:15			1		
3.29A			11:20			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 TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1912-1

SDG Number: Eddy

Login Number: 1912

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1912-1

SDG Number: Eddy

Login Number: 1912

List Number: 2

Creator: Lowe, Katie

List Source: Eurofins Midland

List Creation: 02/07/22 09:21 AM

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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-1931-1

Laboratory Sample Delivery Group: 702520.014.01

Client Project/Site: Tony La Russa

For:

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

Attn: Rebecca Pons

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

Authorized for release by:
2/18/2022 12:30:16 PM

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

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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: Tony La Russa

Laboratory Job ID: 890-1931-1
SDG: 702520.014.01

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Definitions/Glossary

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

Job ID: 890-1931-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-1931-1

Receipt

The samples were received on 2/10/2022 8:29 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°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: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: SW-1 (890-1931-1), SW-2 (890-1931-2), SW-3 (890-1931-3), SW-4 (890-1931-4), SW-5 (890-1931-5), SW-6 (890-1931-6), (MB 880-19177/1-A), (890-1930-A-1-D), (890-1930-A-1-E MS) and (890-1930-A-1-F MSD). Percent recoveries are based on the amount spiked.

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 matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-19218 and analytical batch 880-19219 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

Client Sample ID: SW-1

Lab Sample ID: 890-1931-1

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg	-	02/11/22 11:13	02/11/22 22:36	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg	-	02/11/22 11:13	02/11/22 22:36	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	02/11/22 11:13	02/11/22 22:36	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg	-	02/11/22 11:13	02/11/22 22:36	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg	-	02/11/22 11:13	02/11/22 22:36	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg	-	02/11/22 11:13	02/11/22 22:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	02/11/22 11:13	02/11/22 22:36	1
1,4-Difluorobenzene (Surr)	108		70 - 130	02/11/22 11:13	02/11/22 22:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg	-		02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	49.9	15.0	mg/Kg	-		02/13/22 18:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg	-	02/11/22 15:10	02/13/22 15:41	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	02/11/22 15:10	02/13/22 15:41	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	02/11/22 15:10	02/13/22 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	59	S1-	70 - 130	02/11/22 15:10	02/13/22 15:41	1
o-Terphenyl	60	S1-	70 - 130	02/11/22 15:10	02/13/22 15:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.6	F1	4.99	0.857	mg/Kg	-		02/14/22 15:40	1

Client Sample ID: SW-2

Lab Sample ID: 890-1931-2

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.00198	0.000381	mg/Kg	-	02/11/22 11:13	02/11/22 22:56	1
Toluene	<0.000451	U	0.00198	0.000451	mg/Kg	-	02/11/22 11:13	02/11/22 22:56	1
Ethylbenzene	<0.000559	U	0.00198	0.000559	mg/Kg	-	02/11/22 11:13	02/11/22 22:56	1
m-Xylene & p-Xylene	<0.00100	U	0.00396	0.00100	mg/Kg	-	02/11/22 11:13	02/11/22 22:56	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg	-	02/11/22 11:13	02/11/22 22:56	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg	-	02/11/22 11:13	02/11/22 22:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	02/11/22 11:13	02/11/22 22:56	1

Eurofins Carlsbad

Client Sample Results

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

Client Sample ID: SW-2

Lab Sample ID: 890-1931-2

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Sample Depth: 2

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	97		70 - 130	02/11/22 11:13	02/11/22 22:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00396	0.00100	mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	69.4		50.0	15.0	mg/Kg			02/13/22 18:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		02/11/22 15:10	02/13/22 16:21	1
Diesel Range Organics (Over C10-C28)	69.4		50.0	15.0	mg/Kg		02/11/22 15:10	02/13/22 16:21	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/11/22 15:10	02/13/22 16:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				02/11/22 15:10	02/13/22 16:21	1
o-Terphenyl	70		70 - 130				02/11/22 15:10	02/13/22 16:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.2		4.95	0.850	mg/Kg			02/14/22 15:59	1

Client Sample ID: SW-3

Lab Sample ID: 890-1931-3

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U	0.00202	0.000388	mg/Kg		02/11/22 11:13	02/11/22 23:17	1
Toluene	<0.000460	U	0.00202	0.000460	mg/Kg		02/11/22 11:13	02/11/22 23:17	1
Ethylbenzene	0.00119	J	0.00202	0.000570	mg/Kg		02/11/22 11:13	02/11/22 23:17	1
m-Xylene & p-Xylene	<0.00102	U	0.00403	0.00102	mg/Kg		02/11/22 11:13	02/11/22 23:17	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg		02/11/22 11:13	02/11/22 23:17	1
Xylenes, Total	<0.00102	U	0.00403	0.00102	mg/Kg		02/11/22 11:13	02/11/22 23:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	02/11/22 11:13	02/11/22 23:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/11/22 11:13	02/11/22 23:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00403	0.00102	mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	49.9	15.0	mg/Kg			02/13/22 18:52	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

Client Sample ID: SW-3

Lab Sample ID: 890-1931-3

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Sample Depth: 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg	-	02/11/22 15:10	02/13/22 16:42	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	02/11/22 15:10	02/13/22 16:42	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	02/11/22 15:10	02/13/22 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	59	S1-	70 - 130				02/11/22 15:10	02/13/22 16:42	1
o-Terphenyl	63	S1-	70 - 130				02/11/22 15:10	02/13/22 16:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.7		5.01	0.860	mg/Kg	-		02/14/22 16:05	1

Client Sample ID: SW-4

Lab Sample ID: 890-1931-4

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	02/11/22 11:13	02/11/22 23:37	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg	-	02/11/22 11:13	02/11/22 23:37	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg	-	02/11/22 11:13	02/11/22 23:37	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg	-	02/11/22 11:13	02/11/22 23:37	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg	-	02/11/22 11:13	02/11/22 23:37	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg	-	02/11/22 11:13	02/11/22 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				02/11/22 11:13	02/11/22 23:37	1
1,4-Difluorobenzene (Surr)	107		70 - 130				02/11/22 11:13	02/11/22 23:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg	-		02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		02/13/22 18:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	02/11/22 15:10	02/13/22 17:03	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	02/11/22 15:10	02/13/22 17:03	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	02/11/22 15:10	02/13/22 17:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	59	S1-	70 - 130				02/11/22 15:10	02/13/22 17:03	1
o-Terphenyl	64	S1-	70 - 130				02/11/22 15:10	02/13/22 17:03	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

Client Sample ID: SW-4

Lab Sample ID: 890-1931-4

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Sample Depth: 2

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.3		4.97	0.853	mg/Kg			02/14/22 16:11	1

Client Sample ID: SW-5

Lab Sample ID: 890-1931-5

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		02/11/22 11:13	02/11/22 23:58	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		02/11/22 11:13	02/11/22 23:58	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		02/11/22 11:13	02/11/22 23:58	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		02/11/22 11:13	02/11/22 23:58	1
o-Xylene	0.000400	J	0.00199	0.000342	mg/Kg		02/11/22 11:13	02/11/22 23:58	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		02/11/22 11:13	02/11/22 23:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				02/11/22 11:13	02/11/22 23:58	1
1,4-Difluorobenzene (Surr)	101		70 - 130				02/11/22 11:13	02/11/22 23:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			02/13/22 18:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		02/11/22 15:10	02/13/22 17:22	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/11/22 15:10	02/13/22 17:22	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/11/22 15:10	02/13/22 17:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	61	S1-	70 - 130				02/11/22 15:10	02/13/22 17:22	1
o-Terphenyl	65	S1-	70 - 130				02/11/22 15:10	02/13/22 17:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.2		5.05	0.867	mg/Kg			02/14/22 16:17	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

Client Sample ID: SW-6

Lab Sample ID: 890-1931-6

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	02/11/22 11:13	02/12/22 00:18	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg	-	02/11/22 11:13	02/12/22 00:18	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg	-	02/11/22 11:13	02/12/22 00:18	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg	-	02/11/22 11:13	02/12/22 00:18	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg	-	02/11/22 11:13	02/12/22 00:18	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg	-	02/11/22 11:13	02/12/22 00:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/11/22 11:13	02/12/22 00:18	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/11/22 11:13	02/12/22 00:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg	-		02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		02/13/22 18:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	02/11/22 15:10	02/13/22 17:43	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	02/11/22 15:10	02/13/22 17:43	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	02/11/22 15:10	02/13/22 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	60	S1-	70 - 130	02/11/22 15:10	02/13/22 17:43	1
o-Terphenyl	65	S1-	70 - 130	02/11/22 15:10	02/13/22 17:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.4		4.98	0.855	mg/Kg	-		02/14/22 16:36	1

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Surrogate Summary

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-1931-1	SW-1	112	108
890-1931-1 MS	SW-1	117	96
890-1931-1 MSD	SW-1	118	84
890-1931-2	SW-2	112	97
890-1931-3	SW-3	107	99
890-1931-4	SW-4	117	107
890-1931-5	SW-5	110	101
890-1931-6	SW-6	105	96
LCS 880-19035/1-A	Lab Control Sample	107	114
LCSD 880-19035/2-A	Lab Control Sample Dup	102	101
MB 880-19035/5-A	Method Blank	89	100
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-1930-A-1-E MS	Matrix Spike	62 S1-	55 S1-
890-1930-A-1-F MSD	Matrix Spike Duplicate	62 S1-	55 S1-
890-1931-1	SW-1	59 S1-	60 S1-
890-1931-2	SW-2	65 S1-	70
890-1931-3	SW-3	59 S1-	63 S1-
890-1931-4	SW-4	59 S1-	64 S1-
890-1931-5	SW-5	61 S1-	65 S1-
890-1931-6	SW-6	60 S1-	65 S1-
LCS 880-19177/2-A	Lab Control Sample	103	104
LCSD 880-19177/3-A	Lab Control Sample Dup	99	99
MB 880-19177/1-A	Method Blank	65 S1-	75
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-19035/5-A

Matrix: Solid

Analysis Batch: 19116

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 19035

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		02/11/22 11:13	02/11/22 22:14	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		02/11/22 11:13	02/11/22 22:14	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		02/11/22 11:13	02/11/22 22:14	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		02/11/22 11:13	02/11/22 22:14	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		02/11/22 11:13	02/11/22 22:14	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		02/11/22 11:13	02/11/22 22:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	02/11/22 11:13	02/11/22 22:14	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/11/22 11:13	02/11/22 22:14	1

Lab Sample ID: LCS 880-19035/1-A

Matrix: Solid

Analysis Batch: 19116

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 19035

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1024		mg/Kg		102	70 - 130
Toluene	0.100	0.09663		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1024		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2128		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1063		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: LCSD 880-19035/2-A

Matrix: Solid

Analysis Batch: 19116

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 19035

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09526		mg/Kg		95	70 - 130	7	35
Toluene	0.100	0.09416		mg/Kg		94	70 - 130	3	35
Ethylbenzene	0.100	0.09640		mg/Kg		96	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1966		mg/Kg		98	70 - 130	8	35
o-Xylene	0.100	0.09795		mg/Kg		98	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-1931-1 MS

Matrix: Solid

Analysis Batch: 19116

Client Sample ID: SW-1

Prep Type: Total/NA

Prep Batch: 19035

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.000384	U	0.100	0.06170	F1	mg/Kg		61	70 - 130
Toluene	<0.000455	U	0.100	0.06770	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

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

Lab Sample ID: 890-1931-1 MS

Matrix: Solid

Analysis Batch: 19116

Client Sample ID: SW-1

Prep Type: Total/NA

Prep Batch: 19035

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.000564	U	0.100	0.07320		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	<0.00101	U	0.201	0.1536		mg/Kg		76	70 - 130
o-Xylene	<0.000343	U	0.100	0.08076		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-1931-1 MSD

Matrix: Solid

Analysis Batch: 19116

Client Sample ID: SW-1

Prep Type: Total/NA

Prep Batch: 19035

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.000384	U	0.100	0.02959	F1 F2	mg/Kg		30	70 - 130	70	35
Toluene	<0.000455	U	0.100	0.03306	F1 F2	mg/Kg		33	70 - 130	69	35
Ethylbenzene	<0.000564	U	0.100	0.03756	F1 F2	mg/Kg		38	70 - 130	64	35
m-Xylene & p-Xylene	<0.00101	U	0.200	0.08065	F1 F2	mg/Kg		40	70 - 130	62	35
o-Xylene	<0.000343	U	0.100	0.04342	F1 F2	mg/Kg		43	70 - 130	60	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

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

Lab Sample ID: MB 880-19177/1-A

Matrix: Solid

Analysis Batch: 19246

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 19177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		02/11/22 15:10	02/13/22 10:52	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/11/22 15:10	02/13/22 10:52	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/11/22 15:10	02/13/22 10:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130	02/11/22 15:10	02/13/22 10:52	1
o-Terphenyl	75		70 - 130	02/11/22 15:10	02/13/22 10:52	1

Lab Sample ID: LCS 880-19177/2-A

Matrix: Solid

Analysis Batch: 19246

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 19177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	874.4		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	988.0		mg/Kg		99	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

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

Lab Sample ID: LCS 880-19177/2-A

Matrix: Solid

Analysis Batch: 19246

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 19177

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-19177/3-A

Matrix: Solid

Analysis Batch: 19246

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 19177

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	830.2		mg/Kg		83	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	893.4		mg/Kg		89	70 - 130	10	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: 890-1930-A-1-E MS

Matrix: Solid

Analysis Batch: 19246

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 19177

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	22.2	J	1000	891.2		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	19.2	J	1000	883.9		mg/Kg		86	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	62	S1-	70 - 130
o-Terphenyl	55	S1-	70 - 130

Lab Sample ID: 890-1930-A-1-F MSD

Matrix: Solid

Analysis Batch: 19246

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 19177

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	22.2	J	998	950.2		mg/Kg		93	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	19.2	J	998	898.6		mg/Kg		88	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	62	S1-	70 - 130
o-Terphenyl	55	S1-	70 - 130

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QC Sample Results

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-19218/1-A

Matrix: Solid

Analysis Batch: 19219

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858	U	5.00	0.858	mg/Kg			02/14/22 15:22	1

Lab Sample ID: LCS 880-19218/2-A

Matrix: Solid

Analysis Batch: 19219

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	262.1		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-19218/3-A

Matrix: Solid

Analysis Batch: 19219

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	250	242.9		mg/Kg		97	90 - 110	8	20

Lab Sample ID: 890-1931-1 MS

Matrix: Solid

Analysis Batch: 19219

Client Sample ID: SW-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	36.6	F1	250	333.6	F1	mg/Kg		119	90 - 110

Lab Sample ID: 890-1931-1 MSD

Matrix: Solid

Analysis Batch: 19219

Client Sample ID: SW-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	36.6	F1	250	386.5	F1	mg/Kg		140	90 - 110	15	20

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QC Association Summary

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

GC VOA

Prep Batch: 19035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1931-1	SW-1	Total/NA	Solid	5035	
890-1931-2	SW-2	Total/NA	Solid	5035	
890-1931-3	SW-3	Total/NA	Solid	5035	
890-1931-4	SW-4	Total/NA	Solid	5035	
890-1931-5	SW-5	Total/NA	Solid	5035	
890-1931-6	SW-6	Total/NA	Solid	5035	
MB 880-19035/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-19035/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-19035/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1931-1 MS	SW-1	Total/NA	Solid	5035	
890-1931-1 MSD	SW-1	Total/NA	Solid	5035	

Analysis Batch: 19116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1931-1	SW-1	Total/NA	Solid	8021B	19035
890-1931-2	SW-2	Total/NA	Solid	8021B	19035
890-1931-3	SW-3	Total/NA	Solid	8021B	19035
890-1931-4	SW-4	Total/NA	Solid	8021B	19035
890-1931-5	SW-5	Total/NA	Solid	8021B	19035
890-1931-6	SW-6	Total/NA	Solid	8021B	19035
MB 880-19035/5-A	Method Blank	Total/NA	Solid	8021B	19035
LCS 880-19035/1-A	Lab Control Sample	Total/NA	Solid	8021B	19035
LCSD 880-19035/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	19035
890-1931-1 MS	SW-1	Total/NA	Solid	8021B	19035
890-1931-1 MSD	SW-1	Total/NA	Solid	8021B	19035

Analysis Batch: 19350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1931-1	SW-1	Total/NA	Solid	Total BTEX	
890-1931-2	SW-2	Total/NA	Solid	Total BTEX	
890-1931-3	SW-3	Total/NA	Solid	Total BTEX	
890-1931-4	SW-4	Total/NA	Solid	Total BTEX	
890-1931-5	SW-5	Total/NA	Solid	Total BTEX	
890-1931-6	SW-6	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 19177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1931-1	SW-1	Total/NA	Solid	8015NM Prep	
890-1931-2	SW-2	Total/NA	Solid	8015NM Prep	
890-1931-3	SW-3	Total/NA	Solid	8015NM Prep	
890-1931-4	SW-4	Total/NA	Solid	8015NM Prep	
890-1931-5	SW-5	Total/NA	Solid	8015NM Prep	
890-1931-6	SW-6	Total/NA	Solid	8015NM Prep	
MB 880-19177/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-19177/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-19177/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1930-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1930-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

GC Semi VOA

Analysis Batch: 19246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1931-1	SW-1	Total/NA	Solid	8015B NM	19177
890-1931-2	SW-2	Total/NA	Solid	8015B NM	19177
890-1931-3	SW-3	Total/NA	Solid	8015B NM	19177
890-1931-4	SW-4	Total/NA	Solid	8015B NM	19177
890-1931-5	SW-5	Total/NA	Solid	8015B NM	19177
890-1931-6	SW-6	Total/NA	Solid	8015B NM	19177
MB 880-19177/1-A	Method Blank	Total/NA	Solid	8015B NM	19177
LCS 880-19177/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	19177
LCSD 880-19177/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	19177
890-1930-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	19177
890-1930-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	19177

Analysis Batch: 19280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1931-1	SW-1	Total/NA	Solid	8015 NM	
890-1931-2	SW-2	Total/NA	Solid	8015 NM	
890-1931-3	SW-3	Total/NA	Solid	8015 NM	
890-1931-4	SW-4	Total/NA	Solid	8015 NM	
890-1931-5	SW-5	Total/NA	Solid	8015 NM	
890-1931-6	SW-6	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 19218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1931-1	SW-1	Soluble	Solid	DI Leach	
890-1931-2	SW-2	Soluble	Solid	DI Leach	
890-1931-3	SW-3	Soluble	Solid	DI Leach	
890-1931-4	SW-4	Soluble	Solid	DI Leach	
890-1931-5	SW-5	Soluble	Solid	DI Leach	
890-1931-6	SW-6	Soluble	Solid	DI Leach	
MB 880-19218/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-19218/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-19218/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1931-1 MS	SW-1	Soluble	Solid	DI Leach	
890-1931-1 MSD	SW-1	Soluble	Solid	DI Leach	

Analysis Batch: 19219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1931-1	SW-1	Soluble	Solid	300.0	19218
890-1931-2	SW-2	Soluble	Solid	300.0	19218
890-1931-3	SW-3	Soluble	Solid	300.0	19218
890-1931-4	SW-4	Soluble	Solid	300.0	19218
890-1931-5	SW-5	Soluble	Solid	300.0	19218
890-1931-6	SW-6	Soluble	Solid	300.0	19218
MB 880-19218/1-A	Method Blank	Soluble	Solid	300.0	19218
LCS 880-19218/2-A	Lab Control Sample	Soluble	Solid	300.0	19218
LCSD 880-19218/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	19218
890-1931-1 MS	SW-1	Soluble	Solid	300.0	19218
890-1931-1 MSD	SW-1	Soluble	Solid	300.0	19218

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Lab Chronicle

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

Client Sample ID: SW-1

Lab Sample ID: 890-1931-1

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	19035	02/11/22 11:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/11/22 22:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19280	02/13/22 18:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	19177	02/11/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19246	02/13/22 15:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	19218	02/11/22 14:58	SC	XEN MID
Soluble	Analysis	300.0		1			19219	02/14/22 15:40	CH	XEN MID

Client Sample ID: SW-2

Lab Sample ID: 890-1931-2

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	19035	02/11/22 11:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/11/22 22:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19280	02/13/22 18:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19177	02/11/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19246	02/13/22 16:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	19218	02/11/22 14:58	SC	XEN MID
Soluble	Analysis	300.0		1			19219	02/14/22 15:59	CH	XEN MID

Client Sample ID: SW-3

Lab Sample ID: 890-1931-3

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	19035	02/11/22 11:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/11/22 23:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19280	02/13/22 18:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	19177	02/11/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19246	02/13/22 16:42	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	19218	02/11/22 14:58	SC	XEN MID
Soluble	Analysis	300.0		1			19219	02/14/22 16:05	CH	XEN MID

Client Sample ID: SW-4

Lab Sample ID: 890-1931-4

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	19035	02/11/22 11:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/11/22 23:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID

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Lab Chronicle

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

Client Sample ID: SW-4

Lab Sample ID: 890-1931-4

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			19280	02/13/22 18:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	19177	02/11/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19246	02/13/22 17:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	19218	02/11/22 14:58	SC	XEN MID
Soluble	Analysis	300.0		1			19219	02/14/22 16:11	CH	XEN MID

Client Sample ID: SW-5

Lab Sample ID: 890-1931-5

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	19035	02/11/22 11:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/11/22 23:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19280	02/13/22 18:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19177	02/11/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19246	02/13/22 17:22	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	19218	02/11/22 14:58	SC	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	19219	02/14/22 16:17	CH	XEN MID

Client Sample ID: SW-6

Lab Sample ID: 890-1931-6

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/10/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	19035	02/11/22 11:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/12/22 00:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19280	02/13/22 18:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	19177	02/11/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19246	02/13/22 17:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	19218	02/11/22 14:58	SC	XEN MID
Soluble	Analysis	300.0		1			19219	02/14/22 16:36	CH	XEN MID

Laboratory References:

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

Eurofins Carlsbad

Accreditation/Certification Summary

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Talon/LPE
Project/Site: Tony La Russa

Job ID: 890-1931-1
SDG: 702520.014.01

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1931-1	SW-1	Solid	02/10/22 00:00	02/10/22 08:29	2
890-1931-2	SW-2	Solid	02/10/22 00:00	02/10/22 08:29	2
890-1931-3	SW-3	Solid	02/10/22 00:00	02/10/22 08:29	2
890-1931-4	SW-4	Solid	02/10/22 00:00	02/10/22 08:29	2
890-1931-5	SW-5	Solid	02/10/22 00:00	02/10/22 08:29	2
890-1931-6	SW-6	Solid	02/10/22 00:00	02/10/22 08:29	2



Houston, TX (281) 240-4200 Dallas, TX (214) 902-0300 San Antonio, TX (210) 509-3334
Midland, TX (432-704-5440) EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575-392-7550) Phoenix, AZ (480-355-0900) Atlanta, GA (770-449-8800) Tampa, FL (813-620-2000)

Chain of Custody

Work Order No: _____

www.xenco.com Page _____ of _____

Project Manager:	KT Potts	Bill to: (if different)	
Company Name:	TALCO	Company Name:	
Address:	408 Tulas	Address:	
City, State ZIP:	Antenna NM 88016	City, State ZIP:	
Phone:	505 746 8768	Email:	KT.Potts@talco.com

Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ State of Project: _____ Reporting Level: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐ Deliverables: EDD ☐ ADAPT ☐ Other: _____	
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Project Name:	TALCO	Turn Around	
Project Number:	704520.014.01	Routine	☐
P.O. Number:		Rush: 2-day	
Sampler's Name:	Arturo	Due Date:	

Temp Blank:	☒ Yes ☐ No	Wet Ice:	☒ Yes ☐ No
Temperature (°C):	38 / 3.6	Thermometer ID	
Received Intact:	☒ Yes ☐ No	Correction Factor:	-0.2
Cooler Custody Seals:	Yes ☐ No ☒ N/A	Total Containers:	
Sample Custody Seals:	Yes ☐ No ☒ N/A		

ANALYSIS REQUEST	
890-1931 Chain of Custody	

Work Order Notes
TAT starts the day received by the lab, if received by 4:30pm
Sample Comments

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers
SW-1		2/16		2'	BTCL
SW-2		2/16		2'	CL
SW-3		2/16		2'	TPH
SW-4		2/16		2'	
SW-5		2/16		2'	
SW-6		2/16		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 TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U 1631 / 245.1 / 7470 / 7471 : Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to 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
		2/10/22 8:29			

Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing America

Client Information (Sub Contract Lab)				Sampler:												
Client Contact:				Kramer, Jessica												
Shipping/Receiving				E-Mail: jessica.kramer@eurofinset.com												
Company:				State of Origin: New Mexico												
Eurofins Environment Testing South Centre				Accreditations Required (See note): NELAP - Texas												
Address: 1211 W. Florida Ave.				Due Date Requested: 2/14/2022												
City: Midland				TAT Requested (days):												
State, Zip: TX, 79701																
Phone: 432-704-5440(Tel)				PO #:												
Email: Project Name: Tony Larson Site:				WO #: Project #: 890000040 SSOW#:												
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab) Preservation Code:	Matrix (W=water, S=solid, O=wasteoil, BT=tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested						Total Number of Containers	Special Instructions/Note:	
								8021B/6035FP_Calc (MOD) BTEX and MTBE	8021B/6035FP_Calc (MOD) BTEX	Total_BTEX_GCV	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8015MOD_Calc	300_ORGM_28/DI_LEACH Chloride			
SW-1 (890-1931-1)		2/10/22		Mountain	Solid	X	X	X	X	X	X	X			1	
SW-2 (890-1931-2)		2/10/22		Mountain	Solid	X	X	X	X	X	X	X			1	
SW-3 (890-1931-3)		2/10/22		Mountain	Solid	X	X	X	X	X	X	X			1	
SW-4 (890-1931-4)		2/10/22		Mountain	Solid	X	X	X	X	X	X	X			1	
SW-5 (890-1931-5)		2/10/22		Mountain	Solid	X	X	X	X	X	X	X			1	
SW-6 (890-1931-6)		2/10/22		Mountain	Solid	X	X	X	X	X	X	X			1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Center, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysts/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Center, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Center, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Center, LLC.

Possible Hazard Identification

Unconfirmed _____

Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____

Custody Seats Intact: Δ Yes Δ No Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____

☐ Return To Client
 ☐ Disposal By Lab
 ☐ Archive For _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

CCC No.: 890-619-1

Page: Page 1 of 1

Job #: 890-1931-1

Preservation Codes:

- A - HCL
- B - NaOH
- C - Zn Acetate
- D - Nitric Acid
- E - NaHSO4
- F - MeOH
- G - Anchlor
- H - Ascorbic Acid
- I - Ice
- J - DI Water
- K - EDTA
- L - EDA
- M - Hexane
- N - None
- O - AsNaO2
- P - Na2OAS
- Q - Na2SO3
- R - Na2SO3
- S - H2SO4
- T - TSP Dodecanhydrate
- U - Acetone
- V - MCAA
- W - pH 4.5
- Z - other (specify)

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1931-1

SDG Number: 702520.014.01

Login Number: 1931**List Number: 1****Creator: Clifton, Cloe****List Source: Eurofins Carlsbad**

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

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1931-1

SDG Number: 702520.014.01

Login Number: 1931

List Number: 2

Creator: Lowe, Katie

List Source: Eurofins Midland

List Creation: 02/11/22 12:09 PM

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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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 215187

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 215187
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2201838002 TONY LA RUSSA STATE TANK BATTERY, thank you. This closure is approved.	9/27/2023