Page 6

Oil Conservation Division

	<b>Page 1 of 12</b>	24
Incident ID	nAPP2103256332	
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.

<b>Closure Report Attachment Checklist:</b> Each of the following i	tems must be included in the closure report.
$\mathbf{X}$ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
➤ Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
☑ Description of remediation activities	
and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and ren human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regula restore, reclaim, and re-vegetate the impacted surface area to the co accordance with 19.15.29.13 NMAC including notification to the C	ations. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.
Printed Name: Chase Settle	Title: Rep Safety and Environmental Sr
Printed Name: <u>Chase Settle</u> Signature: <u>Just</u>	Date: 10/25/2021
email: Chase_Settle@eogresources.com	Telephone: 575-748-1471
OCD Only	
Received by: Chad Hensley	Date: 11/29/2021
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date: 11/29/2021
Printed Name: Chad Hensley	Title: Environmental Specialist Advanced



### **Closure Report**

Federal FC Com #2H API # 30-015-26907 Eddy County, New Mexico Incident # nAPP2103256332

### **Prepared For:**

EOG Resources Inc. 104 S. 4<sup>th</sup> Street Artesia, NM 88210

### **Prepared By:**

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

### October 21, 2021



NMOCD 1301 W. Grand Ave Artesia, NM 88210 BLM 620 E. Greene St. Carlsbad, NM 88220

Subject: Remediation-Work Plan Federal FC Com #2H API # 30-015-26907 Eddy County, New Mexico Incident # nAPP2103256332

Dear Mr. Hensley,

EOG Resources contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The incident description, soil sampling results, and the remedial actions are presented herein.

#### **Site Information**

The Federal FC Com #2H is located approximately twenty-two (22) miles southwest of Artesia, New Mexico. The legal location for this release is Unit Letter M, Section 24, Township 20 South and Range 24 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.55388, and -104.54824. 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 Upton-Regan complex with 0 to 9 percent slopes. The referenced soil data is presented in Appendix II. Drainage courses in this area are well drained.

#### Ground Water and Site Characterization

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 212-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 situated within a potential Karst area.

Page **1** of **6** 

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

Approximate Depth t	o Groundwater	212 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	1
□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 in a non-production area (off well pad) and is located in a potential Karst area, the clean-up criteria for this site 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							
<u>&lt;</u> 50 feet	Total Chlorides	EPA 300.0 or SM4500 CI B	600 mg/kg							
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg							
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg							
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg							

#### Incident Description

According to the C-141 Release Notification filed with the NMOCD, a poly to steel transition separated due to pressure, causing the release of crude oil and produced water. Approximately 15 bbls (barrels) of crude oil and 5 bbls of produced water were released. Ten (10) bbls of mixed fluids were recovered. The Initial C-141 is attached in Appendix III. The site maps are presented in Appendix I.

#### Site Assessment

On April 28, 2021, EOG Resources submitted a site characterization report to the NMOCD. The NMOCD responded with a conditional approval of the site remediation plan, requiring that the site be vertically delineated. The initial site map is presented in Appendix I for reference.

On October 06, 2021, based on the field results from the initial site assessment and upon client authorization, Talon personnel and equipment were mobilized to the site in order to continue remediation of the impacted pad area. An area approximately 103 feet long, 97 feet wide, and 4 feet to 5 feet deep was excavated from the well pad. Per NMOCD Table 1 guidelines, confirmation composite soil samples were retrieved from the bottom and sidewalls of the excavated area on a 200 sq. foot basis. The confirmation sampling analytical results from the laboratory are tabulated below. A confirmation sample map is attached in Appendix I. The complete lab report is presented in Appendix VI.

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
	ble 1 Closure 15.29 NMAC	Criteria	50 mg/kg	10 mg/kg		+ GRO +   ned = 100	-	100 mg/kg	600 mg/kg
S-1A	9/24/2021	4'	ND	ND	13	57	ND	70	ND
S-2A	9/24/2021	4'	ND	ND	ND	15	56	71	320
S-3A	9/24/2021	4'	ND	ND	ND	ND	ND	-	440
S-4A	9/24/2021	4'	ND	ND	ND	ND	ND	-	ND
S-11A	9/24/2021	4'	ND	ND	ND	ND	ND	-	ND
S-12A	9/24/2021	4'	ND	ND	ND	ND	ND	-	63
S-16A	9/24/2021	4'	ND	ND	ND	ND	ND	-	82
S-20A	9/24/2021	4'	ND	ND	ND	ND	ND	-	82
S-22A	9/24/2021	4'	ND	ND	ND	ND	ND	-	180
S-24A	10/4/2021	4'	ND	ND	ND	ND	ND	-	ND
S-25A	10/4/2021	4'	ND	ND	ND	ND	ND	-	190
S-26A	9/24/2021	4'	ND	ND	ND	19	ND	19	ND
WSW1	9/24/2021	4'	ND	ND	ND	ND	ND	-	980
WSW1A	10/4/2021	4'	ND	ND	ND	ND	ND	-	130
NSW	9/24/2021	4'	ND	ND	ND	ND	ND	-	440
SSW	9/24/2021	4'	ND	ND	ND	ND	ND	-	ND
SESW1	9/24/2021	4'	ND	ND	ND	ND	ND	-	ND
SESW2	9/24/2021	4'	ND	ND	ND	ND	ND	-	ND
WSW2	9/24/2021	4'	ND	ND	ND	15	48	-	660
WSW2A	10/4/2021	4'	ND	ND	ND	23	55	78	ND
		N	D = Analyte	e Not Detecte	d SW = S	idewall			

## Table I Soil Sample Laboratory Results. Well Pad

On August 16, 2021, Talon mobilized personnel and equipment to the site in order to assess the site and complete the vertical delineation of the pasture area. Work completed by others indicated that the pasture area had been excavated from depths of 2 feet to 3 feet bgs. The excavated area was mapped, photographed, and sampled by advancing test trenches in order to complete the vertical delineation of the pasture area. All soil samples were properly packaged, preserved, and transported to Hall 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 confirmation sample site plan and the results of our sampling event are presented on the following data table.

Soli Sample Laboratory Results, Fasture Area									
Sample Sample Depth ID Date (BGS)		BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg	
NMOCD Ta	able 1 Closure	Criteria	50	10	DRO	+ GRO +	MRO	100	600
	8/16/2021	3'	ND	ND	ND	ND	ND	-	ND
TT-1	8/16/2021	4'	ND	ND	ND	ND	ND	-	ND
	8/16/2021	5'	ND	ND	ND	ND	ND	-	150
	8/16/2021	2'	ND	ND	ND	ND	ND	-	ND
TT-2	8/16/2021	3'	ND	ND	ND	ND	ND	-	110
	8/16/2021	4'	ND	ND	ND	ND	ND	-	90
	8/17/2021	2'	ND	ND	ND	ND	ND	-	280
TT-3	8/17/2021	3'	ND	ND	ND	ND	ND	-	68
	8/17/2021	4'	ND	ND	ND	ND	ND	-	210
	8/17/2021	2'	ND	ND	ND	ND	ND	-	110
TT-4	8/17/2021	3'	ND	ND	ND	ND	ND	-	110
	8/17/2021	4'	ND	ND	ND	ND	ND	-	62
TT-5	8/18/2021	2'	ND	ND	ND	70	ND	70	ND
11-5	8/18/2021	3'	ND	ND	ND	ND	ND	-	160
	8/18/2021	2'	ND	ND	ND	ND	ND	-	ND
TT-6	8/18/2021	3'	ND	ND	ND	ND	ND	-	61
11-0	8/18/2021	4'	ND	ND	ND	ND	ND	-	1000
	8/18/2021	5'	ND	ND	ND	ND	ND	-	520
	8/19/2021	2'	ND	ND	ND	97	110	207	300
	9/13/2021	4'	.76	.028	ND	68	87	155	2300
	9/13/2021	6'	1.14	.033	6.4	88	300	394.4	4400
	9/13/2021	8'	1.36	ND	8.1	570	1500	2078.1	2200
TT-7	9/13/2021	10'	.58	ND	5.0	610	1700	2315	2100
	9/13/2021	12'	.057	ND	ND	360	940	1300	2200
	9/13/2021	14'	ND	ND	ND	32	120	152	1600
	9/13/2021	16'	ND	ND	ND	99	330	429	2200
	9/13/2021	18'	ND	ND	ND	ND	ND	-	2300
	9/13/2021	20'	ND	ND	ND	ND	ND	-	ND
			ND =	Analyte Not	Detected				

 Table II

 Soil Sample Laboratory Results. Pasture Area

See Appendix VI for the complete report of laboratory results.

#### **Remedial Actions**

- The impacted area of the well pad area was excavated to depths of 4-5 feet deep and to the horizontal extent that all surface staining and hydrocarbon odors were removed. Laboratory analysis confirms that NMOCD remediation guidelines for soil remediation were achieved horizontally and vertically.
- All contaminated soil was transported to Lea Land, LLC, a NMOCD approved solid waste disposal facility.
- Based on confirmation sample laboratory data, we will proceed to backfill the pad area and restore it to surrounding grade.
- The pasture area was vertically sampled in seven (7) locations to meet the NMOCD conditions of remediation plan approval. Vertical delineation below 600 mg/kg for total chlorides was achieved at all sample locations at depths of 2-3 feet deep with the exception of test trench 6 (TT-6) and test trench 7 (TT-7). TT-6 was vertically delineated at 5 feet bgs and TT-7 was vertically delineated at 20 feet bgs.
- Photographic documentation of excavated areas is provided in Appendix IV.
- In order to complete the remediation of the pasture area, a 20 mil. synthetic liner will be installed at 2 feet deep and keyed in at the edges to prevent future movement. The excavation will be backfilled with clean native top soil followed by seeding with Aplomado Falcon Habitat seed mixture utilizing a seed drill to facilitate vegetation.

#### Closure

Based on this site characterization, completed remedial actions, and confirmation sampling analytical results, we respectfully request that no further actions be required and that closure of this incident be granted.

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

Respectfully submitted,

Talon/LPE

Rebecca S. Pons Senior Environmental Project Manager

David J. Adkins Regional Manager

Attachments: Appendix I Site Plans Appendix II Groundwater Data, Soil Survey, Karst Map, TOPO Map Appendix III C-141 Forms Appendix IV Photo Documentation Appendix V NMOCD Correspondence-EOG Workplan Appendix VI Laboratory Data



## <u>APPENDIX I</u>

## SITE PLANS

Received by OCD: 10/25/2021 9:07:56 PM EOG Resources Federal FC Com 2H

API #30-015-26907 Eddy County, NM

Site Location Map

Fed FC-Com #2H

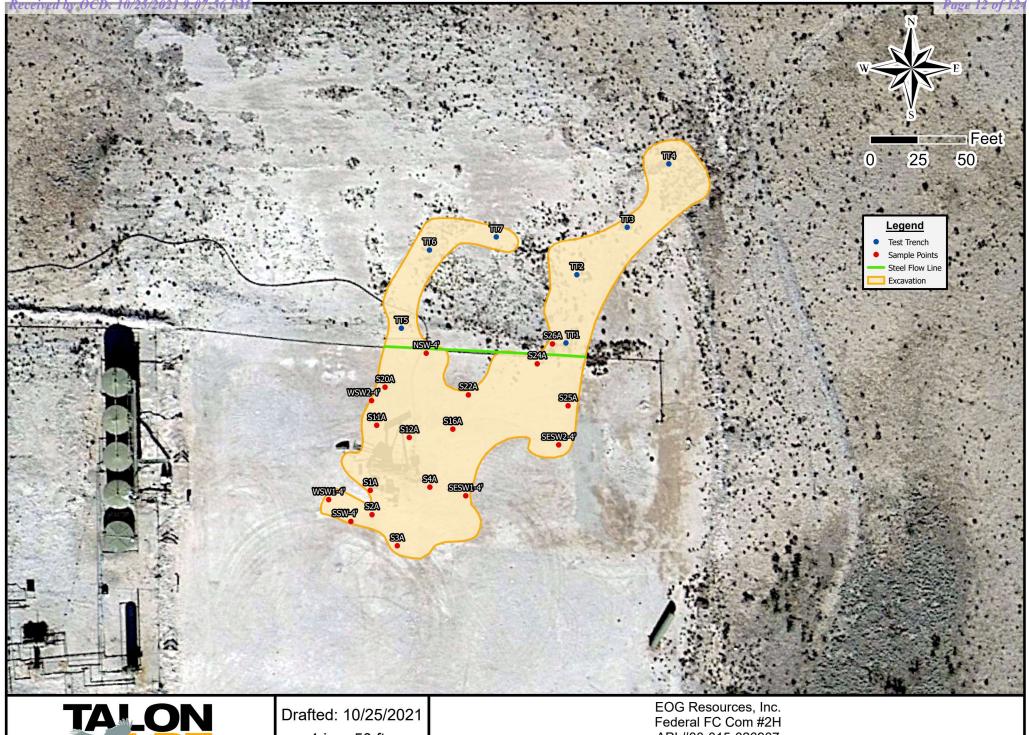
27





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#### Page 11 of 124



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Drafted: 10/25/202´ 1 in = 50 ft Drafted By: IJM EOG Resources, Inc. Federal FC Com #2H API #30-015-026907 Eddy County, NM Confirmation Site Plan



## <u>APPENDIX II</u>

## **GROUNDWATER DATA**

## SOIL SURVEY

## KARST MAP

## ΤΟΡΟ ΜΑΡ



## 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	(R=POI been re O=orph	placed,			(01)	arte	are ar	·o 1-N	IW/ 2-N	E 3=SW 4	-9F)				
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RA 04502			ED					20S		543656	3601480*	1319	300	268	32
<u>RA 04742</u>		RA	ED		3	3		20S		542408	3603517* 🌍	1596	300		
<u>RA 07771</u>		RA	ED	4	1	4	22	20S	24E	540073	3602194* 🌍	2354			
<u>RA 10140</u>		RA	ED	2	1	1	35	20S	24E	540938	3599981* 🌍	2436	295		
<u>RA 05424</u>		RA	ED	4	2	3	22	20S	24E	539669	3602194* 🌍	2756	1000	400	600
<u>RA 05146</u>		RA	ED		1	2	14	20S	24E	541600	3604734* 🔵	2927	300	80	220
<u>RA 05057</u>		RA	ED		3	3	31	20S	25E	544071	3598678* 😜	3642	380	312	68
<u>RA 10618</u>		RA	ED	1	1	4	20	20S	25E	546389	3602414 🌍	4007	342	212	130
<u>RA 05038</u>		RA	ED	1	1	4	20	20S	25E	546390	3602416* 🌍	4008	314	228	86
<u>RA 09978</u>		RA	ED	3	1	2	29	20S	25E	546393	3601410* 🥌	4013	350		
<u>RA 10139</u>		RA	ED	3	3	2	21	20S	24E	538285	3602597* 🥘	4181	308		
<u>RA 02775</u>		RA	СН	1	4	3	21	20S	24E	537899	3601986* 🌍	4513	140	31	109
<u>RA 04349</u>		RA	ED	4	1	4	17	20S	25E	546587	3603827* 🌍	4589	231	170	61
<u>C 03245</u>		С	ED	3	1	4	32	20S	25E	546395	3598990* 🌍	4945	253	100	153
<u>RA 04956</u>		RA	ED		1	1	21	20S	24E	537605	3603101* 😜	4949	1013		
											Aver	age Depth to V	Vater:	200 fe	et
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The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

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WATER COLUMN/ AVERAGE DEPTH TO WATER



## New Mexico Office of the State Engineer Point of Diversion Summary

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iller Nam	ne:	GLENN	, CLARK A."C	ORKY"	(LD)					
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ітр Туре	e:	SUBM	ER <b>Pi</b> j	pe Disc	charge	Size:		E	Estimated Yield:	130 GPM
ising Siz	e:	6.63	De	epth We	ell:	34	2 feet	Γ	Depth Water:	212 feet
	Wate	r Beariı	ng Stratificati	ons:	Тор	Bottom	Desc	ription		
					238	292	Limes	stone/Do	lomite/Chalk	
					298	342	Limes	stone/Do	lomite/Chalk	
			sing rforations:		Тор	Bottom				
		FCI	iorations.		236	312				
					312	342				
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Meter R	Readin	gs (in /	Acre-Feet)							
Read	Date	Year	Mtr Reading	g Flag	Rdr	Comme	ent		Mtr A	mount Onlin
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10/13	/2004	2004	110043	3 A	RPT	-				0.968
01/05	/2005	2005	(	) A	RPT	-				0
02/10	/2005	2005	7420	) A	RPT	-				2.277
07/14	/2005	2005	43444	4 A	RPT	-				0
09/12	/2005	2005	53144	4 A	RPT	•				2.977
10/29	/2005	2005	141623	3 A	RPT	-				0
12/04	/2005	2005	14739	5 A	RPT					1.771
		2012		Α	RPT					0
		2012	23038		RPT					2.969
		2012	23038				-	or RA 11	821	0
06/02	/2012	2012	46176	6 A	RPT	ending 11821	reading	g for RA		2.982
× **YTE Amou	D Mete unts:	er	Year	ļ	Amount					
			2004		0.968					
			2005		7.025					

2012 5.951

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

8/16/21 11:07 AM

POINT OF DIVERSION SUMMARY

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Received by OCD: 10/25/2021 9:07:56 PM

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### Eddy Area, New Mexico

#### UR—Upton-Reagan complex, 0 to 9 percent slopes

#### **Map Unit Setting**

National map unit symbol: 1w65 Elevation: 1,100 to 5,400 feet Mean annual precipitation: 6 to 15 inches Mean annual air temperature: 60 to 70 degrees F Frost-free period: 180 to 240 days Farmland classification: Not prime farmland

#### **Map Unit Composition**

Upton and similar soils: 55 percent Reagan and similar soils: 35 percent Minor components: 10 percent Estimates are based on observations, descriptions, and transects of the mapunit.

#### **Description of Upton**

#### Setting

Landform: Ridges, fans Landform position (three-dimensional): Side slope, rise Down-slope shape: Convex Across-slope shape: Convex Parent material: Residuum weathered from limestone

#### **Typical profile**

H1 - 0 to 9 inches: gravelly loam H2 - 9 to 13 inches: gravelly loam H3 - 13 to 21 inches: cemented H4 - 21 to 60 inches: very gravelly loam

#### **Properties and qualities**

Slope: 0 to 9 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 75 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

#### Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 7s Hydrologic Soil Group: D Ecological site: R042XC025NM - Shallow Hydric soil rating: No

#### **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: Nonsaline to slightly saline (0.0 to 4.0 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**

#### Reagan

Percent of map unit: 5 percent Ecological site: R042XC007NM - Loamy Hydric soil rating: No

#### Pima

Percent of map unit: 5 percent Ecological site: R042XC017NM - Bottomland Hydric soil rating: No Received by OCD: 10/25/2021 9:07:56 PM EOG Resources Fed. FC Com 2H

Eddy County API 30-015-26907

Karst Map

Fed FC-Com #2H

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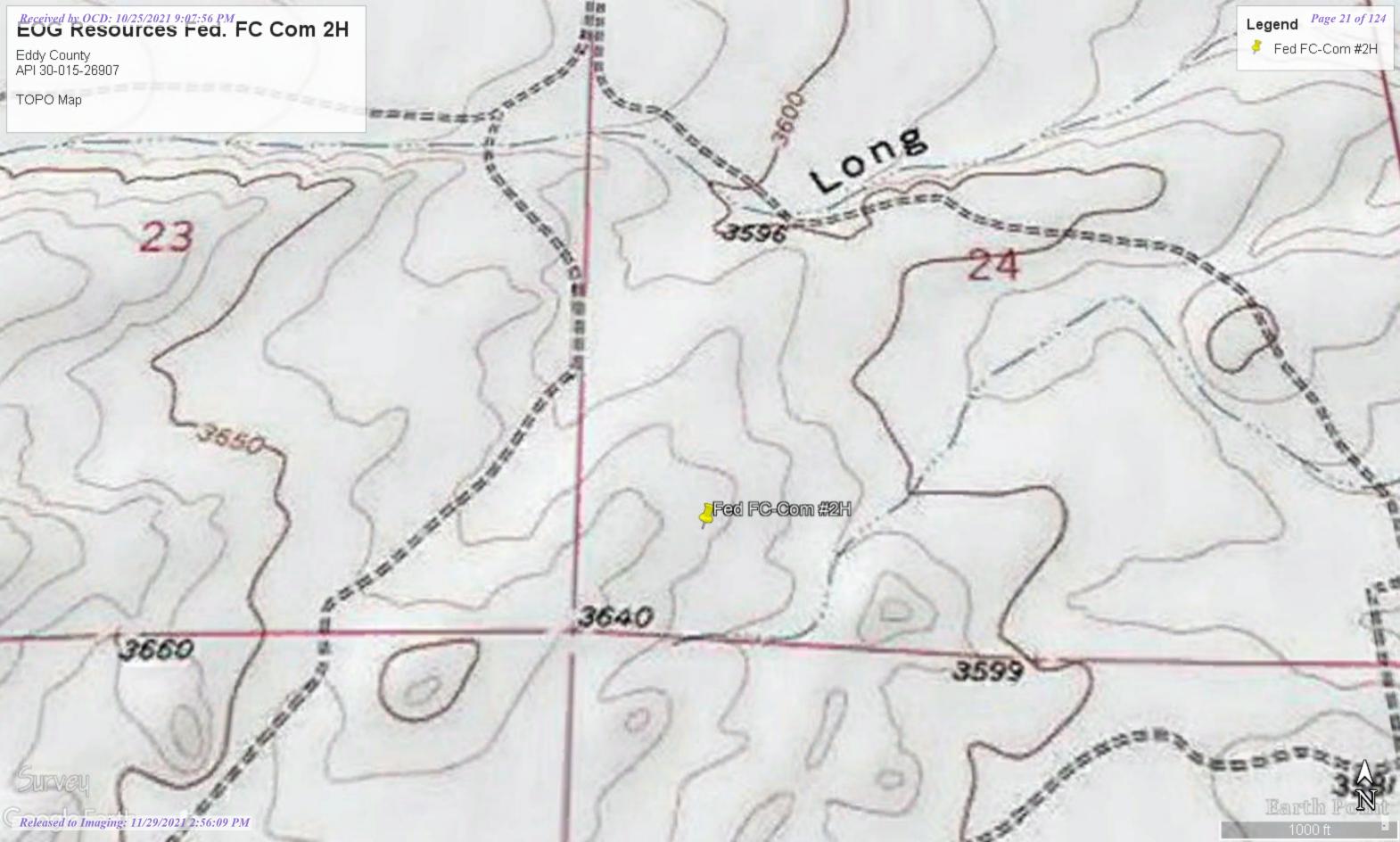
## Legend Page 20 of 124

- Fed FC-Com #2H
- 🯉 High
- O Low
- 🧷 Medium



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## <u>APPENDIX III</u>

# 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

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Incident ID	nAPP2103256332
District RP	
Facility ID	
Application ID	

### **Release Notification**

#### **Responsible Party**

Responsible Party EOG Resources, Inc.	OGRID 7377					
Contact Name Chase Settle	Contact Telephone 575-748-1471					
Contact email Chase_Settle@eogresources.com	Incident # (assigned by OCD)					
Contact mailing address 104 S. 4th Street, Artesia, NM 88210						

#### **Location of Release Source**

Latitude <u>32.55</u>388

Longitude -104.54824 (NAD 83 in decimal degrees to 5 decimal places)

Site Name Federal FC Com #2H	Site Type Oil Well
Date Release Discovered 01/29/2021	API# (if applicable) <b>30-015-26907</b>

Unit Letter	Section	Township	Range	County
М	24	20S	24E	Eddy

Surface Owner: State V 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) 15	Volume Recovered (bbls) 8
Produced Water	Volume Released (bbls) 5	Volume Recovered (bbls) 2
	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 poly to steel transition separated due to pressure, causing the release of crude oil and produced water.

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
🗌 Yes 🔽 No	
If YES, was immediate ne	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

#### **Initial Response**

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

 $\checkmark$  The source of the release has been stopped.

I 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.

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

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

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Chase Settle	Title: Rep Safety & Environmental II
Signature: Chan Settle	Date: 02/01/2021
<sub>email:</sub> Chase_Settle@eogresources.com	Telephone: 575-748-1471
	·
OCD Only	
Received by:	Date:

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CONDITIONS

Action 16569

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 <u>District IV</u> 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 OF APPROVAL

Operator:				OGRID:	Action Number:	Action Type:
EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702		7377	16569	C-141
OCD Reviewer			Conditio	on		
rmarcus			None			

**Oil Conservation Division** 

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Incident ID	nAPP2103256332
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?	(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 <b>not</b> 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. V Field data
- Data table of soil contaminant concentration data
- $\checkmark$  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
- **V** 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.

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Oil Conservation Division

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

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### **Remediation Plan**

Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation. Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction. Extents of contamination must be fully delineated. Contamination does not cause an imminent risk to human health, the environment, or groundwater. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. \_\_\_\_\_<sub>Title:</sub> Rep Safety & Environmental Sr Printed Name: Chase Settle Signature: Chan Settle Date: 04/29/2021 email: Chase\_Settle@eogresources.com Telephone: 575-748-1471 OCD Only Received by: Date: Approved Approved with Attached Conditions of Approval Denied Deferral Approved Signature: Date:

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Oil Conservation Division

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## 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.

<b><u>Closure Report Attachment Checklist</u>:</b> 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			
EX 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 OD	C District office must be notified 2 days prior to final sampling)		
x Description of remediation activities			
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re- human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regul restore, reclaim, and re-vegetate the impacted surface area to the co- accordance with 19.15.29.13 NMAC including notification to the O	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in DCD when reclamation and re-vegetation are complete.		
Printed Name: Chase Settle	Title: Rep Safety and Environmental Sr		
Printed Name: Chase Settle Signature: Chase Settle	Date: 10/25/2021		
email: Chase_Settle@eogresources.com	Telephone: 575-748-1471		
OCD Only			
Received by:	Date:		
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:		



## <u>APPENDIX IV</u>

## PHOTOGRAPHIC DOCUMENTATION

### EOG Resources Federal FC Com 2H

**Excavated Pad Area** 



Aerial of View of Excavation



Pasture Excavation



Pad Excavation looking N. to Pasture Excavation



# APPENDIX V NMOCD-CORRESPONDENCE

WORKPLAN

To whom it may concern (c/o Katie Jamison for EOG RESOURCES INC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2103256332, with the following conditions:

- The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than  $\frac{1}{2}$  mile away from the site, and data should be no more than 25 years old, and well construction information should be provided in the submission. The responsible party may choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to groundwater.
- The spill hasn't been vertically delineated. The OCD requests that samples be taken to a depth that contamination amounts are under the limit. Samples V-31,32,33,34,44,45,46,&49 are above acceptable limits per 19.15.29.13. Please include in your closure report vertical samples showing acceptable limits for the above samples in question.

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you, Chad Hensley Environmental Science & Specialist 575-703-1723 <u>Chad.Hensley@state.nm.us</u>



EOG Resources, Inc. Artesia Division Office 104 S. 4<sup>th</sup> Street Artesia, N. M. 88210

April 28, 2021

NMOCD District II 811 S. First St. Artesia, NM 88210

Re: Federal FC Com #2H 30-015-26907 M-24-20S-24E Eddy County, NM Incident #nAPP2103256332

EOG Resources, Inc. is submitting the enclosed remediation work plan for the above referenced site. The plan is being submitted in reference to the C-141 report submitted on February 1, 2021.

If you have any questions, feel free to call me at (575) 748-1471.

Respectfully,

Chan Settle

Chase Settle Rep Safety & Environmental Sr EOG Resources, Inc.



April 28, 2021

Federal FC Com #2H

**Remediation Work Plan** 

30-015-26907

M-24-20S-24E

Eddy County, NM

April 28, 2021

nAPP2103256332

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V.	Soils	2
VI.	Scope of Work	.2

#### Tables:

Table 1: Soil Analytical Data

#### Figures:

Figure 1: Site Map with Sample Points

#### **Historical Drill Pit Photos**

#### Appendices:

- Appendix A: Soil Sample Laboratory Data
- Appendix B: NMOSE Groundwater Data
- Appendix C: NRCS Soil Data
- Appendix D: FEMA Flood Map

Appendix E: Form C-141

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#### I. Location

From the intersection of White Pine Road and Picket Road, follow Picket Road for 4.6 miles, then turn south on the lease road for 1.3 miles to the location.

#### II. Background

EOG personnel discovered a release at the wellhead, caused by the separation of a poly to steel transition coupling. The release consisted of 15 barrels of Crude Oil and 5 barrels of Produced Water, with 8 barrels of Crude Oil and 2 barrels of Produced Water recovered by a vacuum truck. Initial excavation of impacted soil began after acquiring a NM One Call. Approximately 1 foot of impacted soil was excavated prior to the first sampling event on February 3, 2021. Samples were collected by way of 5-point composite sampling with no single sample representing greater than 200 square feet. Results from that initial sampling indicated that further excavation would be required in areas, but also provided that other areas had met Table 1 guidance. Further excavation of the areas not meeting the Table 1 guidance was completed, with another sampling event occurring on March 22, 2021, following the same sampling protocol used during the initial sampling of no single sampling representing greater than 200 square feet. Two areas were excluded from further sampling once it was determined that they were part of the historical drilling pit, evidenced by the plastic pit liner encountered during excavation activities. The release ran onto the historical drilling pit directly north of the pumping unit and across the historical drilling pit as it ran northeast. The second sampling activity again showed that further excavation would be required in certain areas, while also displaying other areas had met Table 1 standards. Further excavation was completed and a third sampling event occurred on April 26, 2021. During this sampling event, samples were again collected by way of 5-point composite sampling representing less than 200 square feet, but deeper delineation samples (A1-A10) were also collected representative of the surrounding areas. More excavation will be needed in certain areas, but all deeper delineation samples returned under Table 1 standards. Sampling notification was provided to NMOCD and BLM on February 1, March 17, and April 21, 2021, for the 3 sampling events that occurred.

#### III. Surface and Ground Water

Area surface geology is Paleozoic Permian. Based on information from the New Mexico Office of the State Engineer (NMOSE) regarding this location (Section 24, T20S-R24E), the closest well to the release site has a groundwater depth of 268 feet. Watercourses in the area are dry except for infrequent flows in response to major precipitation events, with the nearest body of significant surface water being the Brantley Lake at 8 miles away. The site is not within a 100 year flood plain according to FEMA, but is within a high karst area according to the Bureau of Land Management designations.

#### IV. NMOCD Assessment Criteria

The site assessment criteria are as follows:

Depth to ground water	> 100'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

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April 28, 2021

Based on the assessment criteria, the NMOCD established RRALs for this site are:

Benzene	
BTEX	
TPH	
Chlorides	

10 mg/kg 50 mg/kg 100 mg/kg 600 mg/kg

#### V. Soils

USDA Natural Resources Conservation Service (NRCS) classifies soil in the area as Upton-Reagan complex, with 0-9% slopes.

#### VI. Scope of Work

In the 2 areas, V26-V34 and V44-V49, where the release ran over the historical drill pit, EOG will install a 20 ml synthetic liner in the bottom of the excavated areas then backfill with clean, non-contaminated caliche from a local source. During initial excavation activities, the west area was excavated to approximately 1 foot below grade surface (bgs) and the east area was excavated to approximately 2 feet bgs. Due to the ragged condition of the original plastic liner used to line the drill pit, there is no viable way to connect or seam the two liners together. The 20 ml synthetic liner will prohibit any further vertical migration in the areas until both are permanently addressed when the historical drill pit reclamation occurs during P&A.

Based on the results of the last sampling on April 26, 2021, there are still 11 areas that need further excavation. V1, V3, V4, V11, V12, V16, V22, V24, and V25 areas are still above the Table 1 standard for chloride concentration, and the V37 and V38 areas are still over the TPH limit. The A1-A10 samples indicate where soil will meet the Table 1 guidelines, so the remaining areas will be further excavated with confirmation completed by way of 5-point composite samples, with no single sample representing greater than 200 square feet. Once all vertical excavation is completed, sidewall confirmation sampling will be completed by the same method, making sure that no single sample is representative of greater than 200 square feet of sidewall. The estimated yardage remaining to be excavated and hauled to disposal is approximately 150 cubic yards.

At the completion of the remediation project, the off pad area will be reseeded with the BLM Aplomado Falcon Habitat Seed Mixture. The production area will not be reseeded since it is still an active production site. When remediation work is completed, a C-141 Closure Report will be submitted to NMOCD and BLM requesting closure of the site.



April 28, 2021

# Table 1Soil Analytical Data

energy opportunity growth

)	<u>#nAPP2103</u>	256332			Soil Analytica	al Data						_
Sample ID	Depth (ft. bgs)	Date	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH (GRO)	TPH (DRO)	TPH EXT DRO	Total TPH	Chlorides
V1-1	1	2/3/21	ND	ND	ND	ND	ND	ND	270	300	570	550
V1-2	2	3/22/21	ND	ND	ND	ND	ND	ND	520	600	1120	5100
V1-4	4	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	2700
V2-1 V3-1	1	2/3/21 2/3/21	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND 95	ND 85	ND 180	250 1300
V3-1 V3-2	2	3/22/21	ND	ND	ND	ND	ND	ND	92	72	164	530
V3-4	4	4/26/21	ND	ND	ND	ND	ND	ND	31	ND	31	1000
V4-1	1	2/3/21	ND	ND	ND	ND	ND	ND	600	500	1100	750
V4-2	2	3/22/21	ND	ND	ND	ND	ND	ND	17	ND	17 ND	9500
V4-4	4	4/26/21 2/3/21	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	990 ND
V5-1 V6-1	1	2/3/21	7.7	58	52	74	191.7	1400	3600	2000	7000	1200
V6-2	5	3/22/21	ND	ND	ND	ND	ND	ND	26	ND	26	600
V7-1	1	2/3/21	ND	ND	ND	ND	ND	ND	110	99	209	350
V7-3	3	3/22/21	ND	ND	ND	ND	ND	ND	190	170	360	880
V7-4	4	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	530
V8-1	1	2/3/21	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND 12	ND ND	ND 12	ND ND
V9-1 V10-1	1	2/3/21 2/3/21	ND ND	1.8	4.6	7.4	13.8	140	940	550	1630	420
V10-1 V10-5	5	3/22/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	1300
V10-6	6	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V11-1	1	2/3/21	ND	ND	0.37	0.75	1.12	ND	1600	880	2480	1700
V11-3	3	3/22/21	ND	ND	ND	ND	ND	ND	32	ND	32	2300
V11-4	4	4/26/21	ND	ND	ND 1.7	ND 3.3	ND 5.44	ND 65	ND 1300	ND 1100	ND 2465	650 1200
V12-1 V12-3	1 3	2/3/21 3/22/21	ND ND	0.44 ND	ND	ND	5.44 ND	ND	ND	ND	2465 ND	1200
V12-3 V12-4	4	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	730
V13-1	1	2/3/21	ND	ND	0.05	ND	0.05	ND	180	180	360	350
V13-3	3	3/22/21	ND	ND	ND	ND	ND	ND	67	89	156	1700
V13-4	4	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	390
V14-1	1	2/3/21	0.047	0.29	0.30 ND	0.46 ND	1.097 ND	9.8 ND	440 ND	420 ND	869.8 ND	980 230
V14-3 V15-1	3	3/22/21 2/3/21	ND ND	ND ND	ND	ND	ND	ND	150	110	260	630
V15-3	3	3/22/21	ND	ND	ND	ND	ND	ND	37	ND	37	260
V16-1	1	2/3/21	ND	0.71	2.4	4.6	7.71	97	2100	1300	3497	4700
V16-3	3	3/22/21	ND	ND	ND	ND	ND	ND	110	91	201	800
V16-4	4	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	790
V17-1	1	2/3/21	ND	ND	ND	ND	ND	ND	230 55	230 ND	460 55	440 800
V17-2 V17-4	2 4	3/22/21 4/26/21	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	410
V17-4 V18-1	1	2/3/21	ND	ND	0.54	1.2	1.74	31	1200	1100	2331	860
V18-2	2	3/22/21	ND	ND	ND	ND	ND	ND	120	87	207	1100
V18-4	4	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	420
V19-1	11	2/3/21	ND	0.11	0.20	0.32	0.63	ND	460	330	790	380
V19-2	2	3/22/21	ND	ND	ND ND	ND ND	ND ND	ND ND	13 ND	ND ND	13 ND	4300 320
V19-4 V20-1	4	4/26/21 2/3/21	ND ND	ND ND	ND ND	ND	ND ND	ND	15	ND ND	15	860
V20-1 V20-2	2	3/22/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	1700
V20-2 V20-4	4	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	210
V21-1	1	2/3/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	890
V21-2	2	3/22/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	520
V22-1	1	2/3/21	ND	ND	ND	ND	ND	ND ND	980 ND	560 ND	1540 ND	1500
V22-2 V22-4	2 4	3/22/21 4/26/21	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND	720
V22-4 V23-1	1	2/3/21	ND	ND	ND	ND	ND	ND	170	110	280	240
V23-2	2	3/22/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	2300
V23-4	4	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	190
V24-1	1	2/3/21	ND	ND	ND	ND	ND	ND	160	87	247	480
V24-2	2	3/22/21	ND	ND	ND	ND	ND	ND	13	ND	13 ND	1400 980
V24-4 V25-1	41	4/26/21 2/3/21	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND 460	ND 270	ND 730	980 620
V25-1 V25-2	2	3/22/21	ND	ND	ND	ND	ND	ND	ND ND	ND	ND	1200
V25-2 V25-4	4	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	830
V26-1	2	2/3/21	ND	2.5	14	26	42.5	570	3700	1800	6070	160

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	#IIAPP2105.											6
V27-1	2	2/3/21	ND	0.46	4.6	9.5	14.56	240	3400	1800	5440	330
V28-1	2	2/3/21	ND	ND	0.44	0.68	1.12	49	880	700	1629	400
V29-1	2	2/3/21	ND	ND	ND	ND	ND	ND	640	340	980	500
V30-1	2	2/3/21	ND	ND	ND	ND	ND	ND	200	110	310	310
V31-1	2	2/3/21	ND	0.057	0.35	0.71	1.117	13	970	560	1543	980
V32-1	2	2/3/21	ND	0.13	0.16	0.27	0.56	10	960	520	1490	1200
V33-1	2	2/3/21	ND	ND	0.44	0.88	1.32	45	1000	540	1585	980
V34-1	2	2/3/21	ND	ND	ND	ND	ND	ND	270	190	460	700
V35-1	1	2/3/21	0.034	0.31	0.59	1.1	2.034	31	1400	740	2171	450
V35-2	2	3/22/21	ND	ND	ND	ND	ND	ND	32	50	82	2600
V35-2.5	2.5	4/26/21	ND	ND	ND	ND	ND	ND	18	ND	18	170
V36-1	1	2/3/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	2500
V36-2	2	3/22/21	ND	ND	ND	ND	ND	ND	14	ND	14	2400
V36-2.5	2.5	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V37-1	0.5	2/3/21	ND	3.6	29	55	87.6	1100	5900	2900	9900	460
V37-2	2	3/22/21	ND	ND	ND	ND	ND	ND	120	76	196	310
V37-2.5	2.5	4/26/21	ND	ND	ND	ND	ND	ND	250	210	460	140
V38-1	0.5	2/3/21	ND	ND	ND	ND	ND	ND	62	49	111	ND
V39-1	0.5	2/3/21	ND	0.058	0.15	0.27	0.478	7.9	390	220	617.9	130
V39-2	1	3/22/21	ND	0.067	0.049	ND	0.116	ND	30	200	230	ND
V39-2.5	2.5	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	410
V40-1	0.5	2/3/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V41-1	0.5	2/3/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V42-1	1	2/3/21	ND	ND	ND	ND	ND	ND	12	ND	12	1900
V42-3	3	3/22/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	290
V43-1	1 1	2/3/21	ND	ND	0.089	0.21	0.299	7.4	550	330	887.4	1000
V43-3	3	3/22/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	310
V44-1	1	2/3/21	ND	ND	0.84	2.1	2.94	90	3300	1600	4990	670
V45-1	1	2/3/21	ND	ND	0.85	2.2	3.05	74	4100	2100	6274	660
V46-1	1	2/3/21	0.23	1.8	2.5	4.6	9.13	120	2100	1200	3420	1200
V47-1	1	2/3/21	ND	ND	ND	ND	ND	ND	41	56	97	120
V48-1	1	2/3/21	ND	1.3	7.6	16	24.9	410	4000	2000	6410	140
V49-1	1	2/3/21	ND	ND	0.13	0.27	0.40	7.6	480	290	777.6	1500
		1										
A1-6'	6	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	160
A2-8'	8	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
A3-6'	6	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	220
A4-6'	6	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A5-6'	6	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	260
A6-6'	6	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	94
A7-6'	6	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	150
A8-3'	3	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	290
A9-3'	3	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	240
A10-6'	6	4/26/21	ND	ND	ND	ND	ND	ND	ND	ND	ND	130

Released to Imaging: 11/29/2021 2:56:09 PM

energy opportunity growth



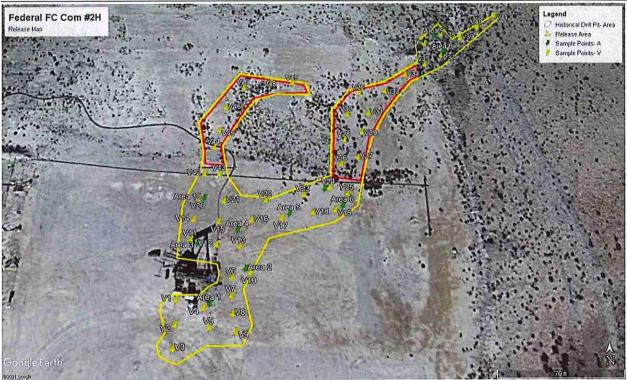
April 28, 2021

## **Figure 1** Site Map with Sample Points

energy opportunity growth



April 28, 2021



energy opportunity growth



April 28, 2021

# Historical Drill Pit Photos

energy opportunity growth



April 28, 2021

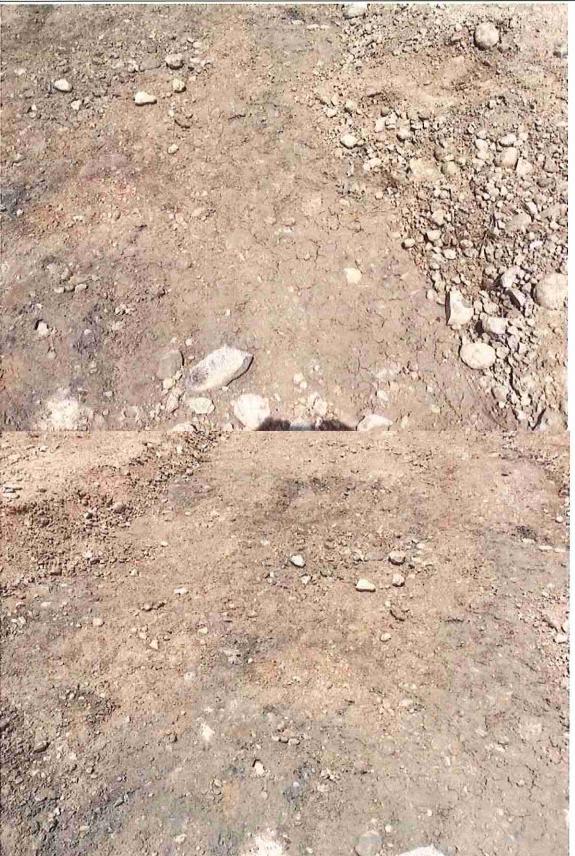


#### energy opportunity growth

Received by OCD: 10/25/2021 9:07:56 PM



April 28, 2021

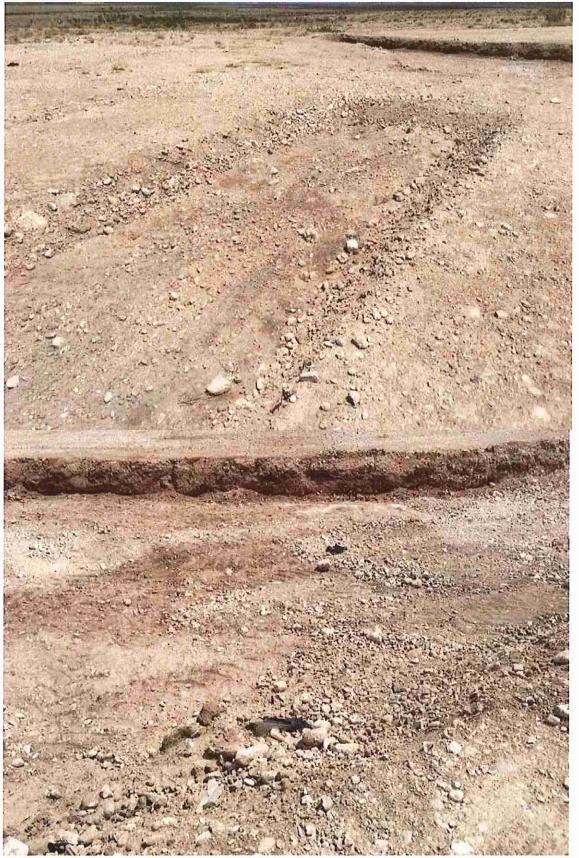


energy opportunity growth

Received by OCD: 10/25/2021 9:07:56 PM



April 28, 2021





April 28, 2021



#### energy opportunity growth

Received by OCD: 10/25/2021 9:07:56 PM

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

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	nAPP2103256332
District RP	
Facility ID	
Application ID	

#### **Release Notification**

**Responsible Party** 

Responsible Party EOG Resources, Inc.	OGRID 7377			
Contact Name Chase Settle	Contact Telephone 575-748-1471			
Contact email Chase_Settle@eogresources.com				
Contact mailing address 104 S. 4th Street, Artesia, NM 88210				

#### Location of Release Source

Latitude 32.55388

Longitude -104.54824 (NAD 83 in decimal degrees to 5 decimal places)

Site Name Federal FC Com #2H	Site Type Oil Well
Date Release Discovered 01/29/2021	API# (if applicable) 30-015-26907

Unit Letter	Section	Township	Range	County
М	24	20S	24E	Eddy

Surface Owner: State Z Federal Tribal Private (Name: \_\_\_\_\_

#### Nature and Volume of Release

Mate	rial(s) Released (Select all that apply and attach calculations or speci	fic justification for the volumes provided below)
Crude Oil	Volume Released (bbls) 15	Volume Recovered (bbls) 8
Produced Water	Volume Released (bbls) 5	Volume Recovered (bbls) 2
	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 poly to steel transition separated due to pressure, causing the release of crude oil and produced water.

Page 2

#### State of New Mexico Oil Conservation Division

Incident ID	nAPP2103256332
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?	
🗌 Yes 🔽 No		
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

#### **Initial Response**

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

 $\checkmark$  The source of the release has been stopped.

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

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

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

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

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

\_\_\_\_\_

Printed Name: Chase Settle

Signature: Chan Sottle

Date: 02/01/2021

Telephone: 575-748-1471

Title: Rep Safety & Environmental II

email: Chase\_Settle@eogresources.com

OCD Only

Received by:

Date: \_\_\_\_\_

Form C-141 Page 6

State of New Mexico Oil Conservation Division

Incident ID	
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:	Title:					
Signature:	Date:					
email:	Telephone:					
OCD Only						
Received by:	Date:					
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

### LABORATORY DATA



October 06, 2021

Rebecca Pons Talon Artesia 408 West Texas Ave Artesia, NM 88210 TEL: FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

OrderNo.: 2109F72

RE: Fed FC Com 2H

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 18 sample(s) on 9/28/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report
Lab Order 2109F72

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/6/2021 Client Sample ID: S1A-4' Collection Date: 9/24/2021 9:00:00 AM

Project:	Fed FC Com 2H	<b>Collection Date:</b> 9/24/2021 9:00:00 AM								
Lab ID:	2109F72-001	Matrix: SOIL	Received Date: 9/28/2021 9:10:00 AM							
Analyses	5	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA ME	THOD 300.0: ANIONS					Analyst	: VP			
Chloride	9	ND	60	mg/Kg	20	9/30/2021 9:03:01 PM	62935			
EPA ME	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	JME			
Diesel F	Range Organics (DRO)	13	9.7	mg/Kg	1	9/30/2021 11:45:00 PM	62919			
Motor O	il Range Organics (MRO)	57	48	mg/Kg	1	9/30/2021 11:45:00 PM	62919			
Surr:	DNOP	96.2	70-130	%Rec	1	9/30/2021 11:45:00 PM	62919			
EPA ME	THOD 8015D: GASOLINE RA	ANGE				Analyst	: NSB			
Gasolin	e Range Organics (GRO)	ND	4.7	mg/Kg	1	10/1/2021 11:37:24 AM	62908			
Surr:	BFB	109	70-130	%Rec	1	10/1/2021 11:37:24 AM	62908			
EPA ME	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzen	e	ND	0.024	mg/Kg	1	10/1/2021 11:37:24 AM	62908			
Toluene		ND	0.047	mg/Kg	1	10/1/2021 11:37:24 AM	62908			
Ethylbei	nzene	ND	0.047	mg/Kg	1	10/1/2021 11:37:24 AM	62908			
Xylenes	, Total	ND	0.095	mg/Kg	1	10/1/2021 11:37:24 AM	62908			
Surr:	4-Bromofluorobenzene	94.6	70-130	%Rec	1	10/1/2021 11:37:24 AM	62908			

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

Qualifiers:

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

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

Page 1 of 22

**Analytical Report** Lab Order 2109F72

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/6/2021 **Client Sample ID: S2A-4'** 

<b>Project:</b>	Fed FC Com 2H	<b>Collection Date:</b> 9/24/2021 9:10:00 AM								
Lab ID:	2109F72-002	Matrix: SOIL	<b>Received Date:</b> 9/28/2021 9:10:00 AM							
Analyses	8	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA ME	THOD 300.0: ANIONS					Analyst	: VP			
Chloride		320	60	mg/Kg	20	9/30/2021 9:15:26 PM	62935			
EPA ME	THOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analyst	: JME			
Diesel R	ange Organics (DRO)	15	9.9	mg/Kg	1	9/30/2021 11:56:59 PM	62919			
Motor O	il Range Organics (MRO)	56	49	mg/Kg	1	9/30/2021 11:56:59 PM	62919			
Surr:	DNOP	78.2	70-130	%Rec	1	9/30/2021 11:56:59 PM	62919			
EPA ME	THOD 8015D: GASOLINE RA	NGE				Analyst	: NSB			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	10/1/2021 12:00:47 PM	62908			
Surr:	BFB	114	70-130	%Rec	1	10/1/2021 12:00:47 PM	62908			
EPA ME	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	Э	ND	0.025	mg/Kg	1	10/1/2021 12:00:47 PM	62908			
Toluene		ND	0.049	mg/Kg	1	10/1/2021 12:00:47 PM	62908			
Ethylber	izene	ND	0.049	mg/Kg	1	10/1/2021 12:00:47 PM	62908			
Xylenes	, Total	ND	0.099	mg/Kg	1	10/1/2021 12:00:47 PM	62908			
Surr:	4-Bromofluorobenzene	99.8	70-130	%Rec	1	10/1/2021 12:00:47 PM	62908			

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

**Qualifiers:** 

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL
  - Reporting Limit

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Fed FC Com 2H

**Project:** 

**Analytical Report** Lab Order 2109F72

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/6/2021 Client Sample ID: S3A-4' Collection Date: 9/24/2021 9:15:00 AM Received Date: 9/28/2021 9:10:00 AM

Lab ID: 2109F72-003	Matrix: SOIL		Receiv	ved Dat	<b>e:</b> 9/2	28/2021 9:10:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	440	60		mg/Kg	20	9/30/2021 9:27:51 PM	62935
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst	JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/1/2021 12:08:39 AM	62919
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/1/2021 12:08:39 AM	62919
Surr: DNOP	55.7	70-130	S	%Rec	1	10/1/2021 12:08:39 AM	62919
EPA METHOD 8015D: GASOLINE RAN	GE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/1/2021 12:24:17 PM	62908
Surr: BFB	118	70-130		%Rec	1	10/1/2021 12:24:17 PM	62908
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.024		mg/Kg	1	10/1/2021 12:24:17 PM	62908
Toluene	ND	0.048		mg/Kg	1	10/1/2021 12:24:17 PM	62908
Ethylbenzene	ND	0.048		mg/Kg	1	10/1/2021 12:24:17 PM	62908
Xylenes, Total	ND	0.096		mg/Kg	1	10/1/2021 12:24:17 PM	62908
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	10/1/2021 12:24:17 PM	62908

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

**Qualifiers:** 

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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**Analytical Report** Lab Order 2109F72

#### Hall Environmental Analysis Laboratory, Inc.

Hall Environmental Analysi	all Environmental Analysis Laboratory, Inc.								
CLIENT: Talon Artesia		Client Sample ID: S4A-4'							
<b>Project:</b> Fed FC Com 2H		(	Collect	ion Dat	e: 9/2	24/2021 9:20:00 AM			
Lab ID: 2109F72-004	Matrix: SOIL		Recei	ved Dat	e: 9/2	28/2021 9:10:00 AM			
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS						Analyst:	VP		
Chloride	ND	60		mg/Kg	20	9/30/2021 9:40:15 PM	62935		
EPA METHOD 8015M/D: DIESEL RANG	SE ORGANICS					Analyst:	JME		
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	10/1/2021 12:20:36 AM	62919		
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/1/2021 12:20:36 AM	62919		
Surr: DNOP	52.0	70-130	S	%Rec	1	10/1/2021 12:20:36 AM	62919		
EPA METHOD 8015D: GASOLINE RAN	GE					Analyst:	NSB		
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/1/2021 12:47:57 PM	62908		
Surr: BFB	112	70-130		%Rec	1	10/1/2021 12:47:57 PM	62908		
EPA METHOD 8021B: VOLATILES						Analyst:	NSB		
Benzene	ND	0.024		mg/Kg	1	10/1/2021 12:47:57 PM	62908		
Toluene	ND	0.047		mg/Kg	1	10/1/2021 12:47:57 PM	62908		
Ethylbenzene	ND	0.047		mg/Kg	1	10/1/2021 12:47:57 PM	62908		
Xylenes, Total	ND	0.094		mg/Kg	1	10/1/2021 12:47:57 PM	62908		
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	10/1/2021 12:47:57 PM	62908		

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

**Qualifiers:** 

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Analytical Report
Lab Order 2109F72

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/6/2021
Client Sample ID: S11A-4'

<b>Project:</b>	Fed FC Com 2H	<b>Collection Date:</b> 9/24/2021 9:23:00 AM								
Lab ID:	2109F72-005	Matrix: SOIL		Receiv	ved Dat	<b>e:</b> 9/2	28/2021 9:10:00 AM			
Analyses	5	Result	RL	Qual	Units	DF	Date Analyzed	Batch		
EPA ME	THOD 300.0: ANIONS						Analyst	: VP		
Chloride	9	ND	60		mg/Kg	20	9/30/2021 9:52:40 PM	62935		
EPA ME	THOD 8015M/D: DIESEL RA	NGE ORGANICS					Analyst	JME		
Diesel F	Range Organics (DRO)	ND	9.9		mg/Kg	1	10/1/2021 12:32:14 AM	62919		
Motor O	il Range Organics (MRO)	ND	49		mg/Kg	1	10/1/2021 12:32:14 AM	62919		
Surr:	DNOP	68.6	70-130	S	%Rec	1	10/1/2021 12:32:14 AM	62919		
EPA ME	THOD 8015D: GASOLINE R/	ANGE					Analyst	NSB		
Gasoline	e Range Organics (GRO)	ND	4.7		mg/Kg	1	10/1/2021 4:42:50 PM	62908		
Surr:	BFB	123	70-130		%Rec	1	10/1/2021 4:42:50 PM	62908		
EPA ME	THOD 8021B: VOLATILES						Analyst	NSB		
Benzene	e	ND	0.023		mg/Kg	1	10/1/2021 4:42:50 PM	62908		
Toluene		ND	0.047		mg/Kg	1	10/1/2021 4:42:50 PM	62908		
Ethylber	nzene	ND	0.047		mg/Kg	1	10/1/2021 4:42:50 PM	62908		
Xylenes	, Total	ND	0.094		mg/Kg	1	10/1/2021 4:42:50 PM	62908		
Surr:	4-Bromofluorobenzene	109	70-130		%Rec	1	10/1/2021 4:42:50 PM	62908		

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

Qualifiers:

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

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

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Analytical Report
Lab Order 2109F72

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/6/2021
Client Sample ID: S12A-4'

<b>Project:</b>	Fed FC Com 2H	<b>Collection Date:</b> 9/24/2021 9:30:00 AM								
Lab ID:	2109F72-006	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 9/2	28/2021 9:10:00 AM				
Analyses	5	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA ME	THOD 300.0: ANIONS					Analyst	: VP			
Chloride	•	63	60	mg/Kg	20	9/30/2021 10:05:05 PM	62935			
EPA ME	THOD 8015M/D: DIESEL R	ANGE ORGANICS				Analyst	JME			
Diesel R	Range Organics (DRO)	ND	10	mg/Kg	1	10/1/2021 12:44:09 AM	62919			
Motor O	il Range Organics (MRO)	ND	50	mg/Kg	1	10/1/2021 12:44:09 AM	62919			
Surr:	DNOP	81.8	70-130	%Rec	1	10/1/2021 12:44:09 AM	62919			
EPA ME	THOD 8015D: GASOLINE R	ANGE				Analyst	: NSB			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	10/1/2021 5:06:14 PM	62908			
Surr:	BFB	127	70-130	%Rec	1	10/1/2021 5:06:14 PM	62908			
EPA ME	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	e	ND	0.025	mg/Kg	1	10/1/2021 5:06:14 PM	62908			
Toluene		ND	0.049	mg/Kg	1	10/1/2021 5:06:14 PM	62908			
Ethylber	nzene	ND	0.049	mg/Kg	1	10/1/2021 5:06:14 PM	62908			
Xylenes	, Total	ND	0.099	mg/Kg	1	10/1/2021 5:06:14 PM	62908			
Surr:	4-Bromofluorobenzene	112	70-130	%Rec	1	10/1/2021 5:06:14 PM	62908			

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

Qualifiers:

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

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

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Analytical Report
Lab Order 2109F72

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/6/2021
Client Sample ID: S16A-4'

<b>Project:</b>	Fed FC Com 2H	Collection Date: 9/24/2021 9:35:00 AM								
Lab ID:	2109F72-007	Matrix: SOIL		Recei	ved Dat	<b>e:</b> 9/2	28/2021 9:10:00 AM			
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS						Analyst	: VP		
Chloride		82	60		mg/Kg	20	9/30/2021 10:42:20 PM	62935		
EPA MET	HOD 8015M/D: DIESEL RAM	IGE ORGANICS					Analyst	JME		
Diesel R	ange Organics (DRO)	ND	9.8		mg/Kg	1	10/1/2021 12:55:52 AM	62919		
Motor Oi	Range Organics (MRO)	ND	49		mg/Kg	1	10/1/2021 12:55:52 AM	62919		
Surr: [	DNOP	64.4	70-130	S	%Rec	1	10/1/2021 12:55:52 AM	62919		
ΕΡΑ ΜΕΤ	HOD 8015D: GASOLINE RA	NGE					Analyst	: NSB		
Gasoline	Range Organics (GRO)	ND	4.7		mg/Kg	1	10/1/2021 5:29:39 PM	62908		
Surr: E	BFB	130	70-130		%Rec	1	10/1/2021 5:29:39 PM	62908		
ΕΡΑ ΜΕΊ	HOD 8021B: VOLATILES						Analyst	NSB		
Benzene		ND	0.024		mg/Kg	1	10/1/2021 5:29:39 PM	62908		
Toluene		ND	0.047		mg/Kg	1	10/1/2021 5:29:39 PM	62908		
Ethylben	zene	ND	0.047		mg/Kg	1	10/1/2021 5:29:39 PM	62908		
Xylenes,	Total	ND	0.094		mg/Kg	1	10/1/2021 5:29:39 PM	62908		
Surr: 4	I-Bromofluorobenzene	115	70-130		%Rec	1	10/1/2021 5:29:39 PM	62908		

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

Qualifiers:

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

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

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Project: Fed FC Com 2H

Surr: 4-Bromofluorobenzene

Analytical Report
Lab Order 2109F72

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/6/2021 Client Sample ID: S20A-4' Collection Date: 9/24/2021 9:37:00 AM

Lab ID: 2109F72-008	Matrix: SOIL	<b>Received Date:</b> 9/28/2021 9:10:00 AM							
Analyses	Result	RL Q	RL Qual Units		Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analyst	VP			
Chloride	82	60	mg/Kg	20	9/30/2021 10:54:45 PM	62935			
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	JME			
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/1/2021 1:07:27 AM	62919			
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/1/2021 1:07:27 AM	62919			
Surr: DNOP	71.1	70-130	%Rec	1	10/1/2021 1:07:27 AM	62919			
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	NSB			
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/1/2021 5:53:16 PM	62908			
Surr: BFB	124	70-130	%Rec	1	10/1/2021 5:53:16 PM	62908			
EPA METHOD 8021B: VOLATILES					Analyst	NSB			
Benzene	ND	0.024	mg/Kg	1	10/1/2021 5:53:16 PM	62908			
Toluene	ND	0.047	mg/Kg	1	10/1/2021 5:53:16 PM	62908			
Ethylbenzene	ND	0.047	mg/Kg	1	10/1/2021 5:53:16 PM	62908			
Xylenes, Total	ND	0.095	mg/Kg	1	10/1/2021 5:53:16 PM	62908			

110

70-130

%Rec

1

10/1/2021 5:53:16 PM 62908

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

Qualifiers:

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

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

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**Analytical Report** 

#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109F72

Date Reported: 10/6/2021

CLIENT: Talon Artesia		Cl	ient Sa	ample II	<b>D:</b> S2	2A-4'		
Project: Fed FC Com 2H		(	Collect	tion Dat	<b>e:</b> 9/2	24/2021 9:40:0	00 AM	
Lab ID: 2109F72-009	Matrix: SOIL		00 AM					
Analyses	Result	RL	Qual	Units	DF	Date Analyz	ed	Batch
EPA METHOD 300.0: ANIONS							Analyst:	VP
Chloride	180	59		mg/Kg	20	9/30/2021 11:	07:10 PM	62935
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS						Analyst:	JME
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/1/2021 1:1	9:03 AM	62919
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/1/2021 1:1	9:03 AM	62919
Surr: DNOP	100	70-130		%Rec	1	10/1/2021 1:1	9:03 AM	62919
EPA METHOD 8015D: GASOLINE RANGE							Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/1/2021 6:1	6:46 PM	62908
Surr: BFB	130	70-130	S	%Rec	1	10/1/2021 6:1	6:46 PM	62908
EPA METHOD 8021B: VOLATILES							Analyst:	NSB
Benzene	ND	0.024		mg/Kg	1	10/1/2021 6:1	6:46 PM	62908
Toluene	ND	0.048		mg/Kg	1	10/1/2021 6:1	6:46 PM	62908
Ethylbenzene	ND	0.048		mg/Kg	1	10/1/2021 6:1	6:46 PM	62908
Xylenes, Total	ND	0.097		mg/Kg	1	10/1/2021 6:1	6:46 PM	62908
Surr: 4-Bromofluorobenzene	116	70-130		%Rec	1	10/1/2021 6:1	6:46 PM	62908

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

**Qualifiers:** 

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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**Project:** 

Lab ID:

Fed FC Com 2H

2109F72-010

**Analytical Report** 

Date Reported: 10/6/2021

#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109F72

Client Sample ID: S24A-4'	
Collection Date: 9/24/2021 9:45:00 AM	

Received	Date:	9/28/2021	9:10:00	AM
110001104		// IC/ IC/ I	2.10.00	

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	ND	60		mg/Kg	20	9/30/2021 11:19:35 PM	62935
EPA METHOD 8015M/D: DIESEL RANGE ORGANI						Analyst	JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/1/2021 1:30:36 AM	62919
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/1/2021 1:30:36 AM	62919
Surr: DNOP	66.5	70-130	S	%Rec	1	10/1/2021 1:30:36 AM	62919
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/1/2021 6:40:21 PM	62908
Surr: BFB	131	70-130	S	%Rec	1	10/1/2021 6:40:21 PM	62908
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.025		mg/Kg	1	10/1/2021 6:40:21 PM	62908
Toluene	ND	0.050		mg/Kg	1	10/1/2021 6:40:21 PM	62908
Ethylbenzene	ND	0.050		mg/Kg	1	10/1/2021 6:40:21 PM	62908
Xylenes, Total	ND	0.10		mg/Kg	1	10/1/2021 6:40:21 PM	62908
Surr: 4-Bromofluorobenzene	117	70-130		%Rec	1	10/1/2021 6:40:21 PM	62908

Matrix: SOIL

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

**Qualifiers:** 

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit Page 10 of 22

Project: Fed FC Com 2H

Analytical Report
Lab Order 2109F72

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/6/2021 Client Sample ID: S25A-4' Collection Date: 9/24/2021 9:47:00 AM

Lab ID:	2109F72-011	Matrix: SOIL	trix: SOIL         Received Date: 9/28/2021 9:10:0							
Analyses		Result	RL	Qual	Units	DF	Date Analyzed Ba	atch		
EPA ME	THOD 300.0: ANIONS						Analyst: <b>V</b>	'P		
Chloride		190	60		mg/Kg	20	9/30/2021 11:56:48 PM 62	2945		
EPA ME	THOD 8015M/D: DIESEL RA	NGE ORGANICS					Analyst: JI	ME		
Diesel F	ange Organics (DRO)	ND	9.9		mg/Kg	1	10/1/2021 1:42:08 AM 62	2919		
Motor O	il Range Organics (MRO)	ND	49		mg/Kg	1	10/1/2021 1:42:08 AM 62	2919		
Surr:	DNOP	53.4	70-130	S	%Rec	1	10/1/2021 1:42:08 AM 62	2919		
EPA ME	THOD 8015D: GASOLINE R	ANGE					Analyst: <b>N</b>	ISB		
Gasoline	e Range Organics (GRO)	ND	4.7		mg/Kg	1	10/1/2021 7:03:52 PM 62	2908		
Surr:	BFB	139	70-130	S	%Rec	1	10/1/2021 7:03:52 PM 62	2908		
EPA ME	THOD 8021B: VOLATILES						Analyst: <b>N</b>	ISB		
Benzene	e	ND	0.024		mg/Kg	1	10/1/2021 7:03:52 PM 62	2908		
Toluene		ND	0.047		mg/Kg	1	10/1/2021 7:03:52 PM 62	2908		
Ethylber	izene	ND	0.047		mg/Kg	1	10/1/2021 7:03:52 PM 62	2908		
Xylenes	, Total	ND	0.095		mg/Kg	1	10/1/2021 7:03:52 PM 62	2908		
Surr:	4-Bromofluorobenzene	124	70-130		%Rec	1	10/1/2021 7:03:52 PM 62	2908		

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

Qualifiers:

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

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

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Surr: 4-Bromofluorobenzene

Analytical Report

10/1/2021 7:27:17 PM 62908

#### Hall Environmental Analysis Laboratory, Inc.

Lab Order **2109F72** Date Reported: **10/6/2021** 

CLIENT: Talon Artesia		Cl	ient Sរ	ample II	<b>D:</b> S2	6A-4'			
Project: Fed FC Com 2H		(	Collect	ion Dat	e: 9/2	24/2021 9:50:00 AM			
Lab ID: 2109F72-012	Matrix: SOIL	<b>Received Date:</b> 9/28/2021 9:10:00 AM							
Analyses	Result	RL Qual Units		DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS						Analyst	VP		
Chloride	ND	60		mg/Kg	20	10/1/2021 12:09:12 AM	62945		
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst	JME		
Diesel Range Organics (DRO)	19	9.8		mg/Kg	1	10/1/2021 11:46:12 AM	62919		
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/1/2021 11:46:12 AM	62919		
Surr: DNOP	65.8	70-130	S	%Rec	1	10/1/2021 11:46:12 AM	62919		
EPA METHOD 8015D: GASOLINE RANG	GE					Analyst	NSB		
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/1/2021 7:27:17 PM	62908		
Surr: BFB	140	70-130	S	%Rec	1	10/1/2021 7:27:17 PM	62908		
EPA METHOD 8021B: VOLATILES						Analyst	NSB		
Benzene	ND	0.024		mg/Kg	1	10/1/2021 7:27:17 PM	62908		
Toluene	0.053	0.048		mg/Kg	1	10/1/2021 7:27:17 PM	62908		
Ethylbenzene	0.13	0.048		mg/Kg	1	10/1/2021 7:27:17 PM	62908		
Xylenes, Total	0.17	0.097		mg/Kg	1	10/1/2021 7:27:17 PM	62908		

123

70-130

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits

%Rec 1

- P Sample pH Not In Range
- RL Reporting Limit

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Project: Fed FC Com 2H

Analytical Report
Lab Order 2109F72

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/6/2021 Client Sample ID: WSW1-4' Collection Date: 9/24/2021 9:55:00 AM

Lab ID: 2109F72-013	Matrix: SOIL	28/2021 9:10:00 AM							
Analyses	Result	RL Qual Units		DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS						Analyst:	VP		
Chloride	980	60		mg/Kg	20	10/1/2021 12:21:38 AM	62945		
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst:	JME		
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/1/2021 2:05:10 AM	62919		
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/1/2021 2:05:10 AM	62919		
Surr: DNOP	70.5	70-130		%Rec	1	10/1/2021 2:05:10 AM	62919		
EPA METHOD 8015D: GASOLINE RAN	IGE					Analyst:	NSB		
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/1/2021 7:50:44 PM	62908		
Surr: BFB	139	70-130	S	%Rec	1	10/1/2021 7:50:44 PM	62908		
EPA METHOD 8021B: VOLATILES						Analyst:	NSB		
Benzene	ND	0.025		mg/Kg	1	10/1/2021 7:50:44 PM	62908		
Toluene	ND	0.050		mg/Kg	1	10/1/2021 7:50:44 PM	62908		
Ethylbenzene	ND	0.050		mg/Kg	1	10/1/2021 7:50:44 PM	62908		
Xylenes, Total	ND	0.099		mg/Kg	1	10/1/2021 7:50:44 PM	62908		
Surr: 4-Bromofluorobenzene	123	70-130		%Rec	1	10/1/2021 7:50:44 PM	62908		

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

Qualifiers:

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

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

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Analytical Report
Lab Order 2109F72

Hall	Environm	iental A	nalvsis ]	Laboratory,	Inc.

Date Reported: 10/6/2021
Client Sample ID: NSW-4'

Project:	Fed FC Com 2H	<b>Collection Date:</b> 9/24/2021 10:00:00 AM								
Lab ID:	2109F72-014	Matrix: SOIL	<b>Received Date:</b> 9/28/2021 9:10:00 AM							
Analyses		Result	RL	RL Qual Units		DF Date Analyzed		Batch		
ΕΡΑ ΜΕΤ	THOD 300.0: ANIONS						Analyst	: VP		
Chloride		440	60		mg/Kg	20	10/1/2021 12:34:03 AM	62945		
EPA MET	THOD 8015M/D: DIESEL RA	NGE ORGANICS					Analyst	JME		
Diesel R	ange Organics (DRO)	ND	9.3		mg/Kg	1	10/1/2021 2:16:42 AM	62919		
Motor Oi	Range Organics (MRO)	ND	47		mg/Kg	1	10/1/2021 2:16:42 AM	62919		
Surr: [	DNOP	74.1	70-130		%Rec	1	10/1/2021 2:16:42 AM	62919		
EPA MET	THOD 8015D: GASOLINE R	ANGE					Analyst	NSB		
Gasoline	e Range Organics (GRO)	ND	4.7		mg/Kg	1	10/1/2021 8:14:21 PM	62908		
Surr: I	BFB	141	70-130	S	%Rec	1	10/1/2021 8:14:21 PM	62908		
EPA MET	THOD 8021B: VOLATILES						Analyst	NSB		
Benzene	)	ND	0.024		mg/Kg	1	10/1/2021 8:14:21 PM	62908		
Toluene		ND	0.047		mg/Kg	1	10/1/2021 8:14:21 PM	62908		
Ethylben	izene	ND	0.047		mg/Kg	1	10/1/2021 8:14:21 PM	62908		
Xylenes,	Total	ND	0.095		mg/Kg	1	10/1/2021 8:14:21 PM	62908		
Surr: 4	4-Bromofluorobenzene	125	70-130		%Rec	1	10/1/2021 8:14:21 PM	62908		

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

Qualifiers:

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

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

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Surr: 4-Bromofluorobenzene

Analytical Report Lab Order 2109F72

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/6/2021 Client Sample ID: SSW-4' Collection Date: 9/24/2021 9:03:00 AM

Project: Lab ID:	Fed FC Com 2H 2109F72-015	Matrix: SOIL					24/2021 9:03:00 AM	
Analyses	2107172 013	Result			Units		Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS						Analyst	: VP
Chloride		ND	60		mg/Kg	20	10/1/2021 1:11:16 AM	62945
EPA MET	HOD 8015M/D: DIESEL	RANGE ORGANICS					Analyst	JME
Diesel Ra	ange Organics (DRO)	ND	9.5		mg/Kg	1	10/1/2021 2:28:14 AM	62919
Motor Oi	Range Organics (MRO)	ND	48		mg/Kg	1	10/1/2021 2:28:14 AM	62919
Surr: [	DNOP	76.7	70-130		%Rec	1	10/1/2021 2:28:14 AM	62919
EPA MET	HOD 8015D: GASOLINE	RANGE					Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.7		mg/Kg	1	10/1/2021 9:24:50 PM	62908
Surr: E	BFB	149	70-130	S	%Rec	1	10/1/2021 9:24:50 PM	62908
EPA MET	HOD 8021B: VOLATILE	S					Analyst	: NSB
Benzene		ND	0.024		mg/Kg	1	10/1/2021 9:24:50 PM	62908
Toluene		ND	0.047		mg/Kg	1	10/1/2021 9:24:50 PM	62908
Ethylben	zene	ND	0.047		mg/Kg	1	10/1/2021 9:24:50 PM	62908
Xylenes,	Total	ND	0.094		mg/Kg	1	10/1/2021 9:24:50 PM	62908

133

70-130

S

%Rec

1

10/1/2021 9:24:50 PM 62908

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

Qualifiers:

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

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

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Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

Analytical Report

#### Hall Environmental Analysis Laboratory, Inc.

Lab Order **2109F72** Date Reported: **10/6/2021** 

CLIENT: Talon Artesia Project: Fed FC Com 2H	Client Sample ID: SESW1-4' Collection Date: 9/24/2021 10:01:00 AM								
Lab ID: 2109F72-016	Matrix: SOIL		<b>e:</b> 9/2	/28/2021 9:10:00 AM					
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS						Analyst:	VP		
Chloride	ND	60		mg/Kg	20	10/1/2021 1:23:41 AM	62945		
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS					Analyst:	JME		
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/1/2021 2:39:41 AM	62919		
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/1/2021 2:39:41 AM	62919		
Surr: DNOP	91.9	70-130		%Rec	1	10/1/2021 2:39:41 AM	62919		
EPA METHOD 8015D: GASOLINE RAM	NGE					Analyst:	NSB		
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/1/2021 9:48:28 PM	62908		
Surr: BFB	155	70-130	S	%Rec	1	10/1/2021 9:48:28 PM	62908		
EPA METHOD 8021B: VOLATILES						Analyst:	NSB		
Benzene	ND	0.024		mg/Kg	1	10/1/2021 9:48:28 PM	62908		
Toluene	ND	0.049		mg/Kg	1	10/1/2021 9:48:28 PM	62908		

ND

ND

139

0.049

0.098

70-130

S

mg/Kg

mg/Kg

%Rec

1

1

1

10/1/2021 9:48:28 PM

10/1/2021 9:48:28 PM

10/1/2021 9:48:28 PM

62908

62908

62908

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

Qualifiers:

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

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

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Analytical Report
Lab Order 2109F72

#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109F72 Date Reported: 10/6/2021

CLIENT: Talon Artesia		Cl	ient Sរ	ample II	D: W	SW2-4'				
Project: Fed FC Com 2H		(	Collect	ion Dat	<b>e:</b> 9/2	24/2021 10:05:00 AM				
Lab ID: 2109F72-017	Matrix: SOIL	<b>Received Date:</b> 9/28/2021 9:10:00 AM								
Analyses	Result		RL Qual Units		DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS						Analyst:	VP			
Chloride	660	60		mg/Kg	20	10/1/2021 1:36:05 AM	62945			
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst:	JME			
Diesel Range Organics (DRO)	15	9.6		mg/Kg	1	10/1/2021 2:51:10 AM	62919			
Motor Oil Range Organics (MRO)	48	48		mg/Kg	1	10/1/2021 2:51:10 AM	62919			
Surr: DNOP	74.0	70-130		%Rec	1	10/1/2021 2:51:10 AM	62919			
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	NSB			
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/1/2021 10:11:52 PM	62908			
Surr: BFB	155	70-130	S	%Rec	1	10/1/2021 10:11:52 PM	62908			
EPA METHOD 8021B: VOLATILES						Analyst:	NSB			
Benzene	ND	0.025		mg/Kg	1	10/1/2021 10:11:52 PM	62908			
Toluene	ND	0.050		mg/Kg	1	10/1/2021 10:11:52 PM	62908			
Ethylbenzene	ND	0.050		mg/Kg	1	10/1/2021 10:11:52 PM	62908			
Xylenes, Total	ND	0.099		mg/Kg	1	10/1/2021 10:11:52 PM	62908			
Surr: 4-Bromofluorobenzene	138	70-130	S	%Rec	1	10/1/2021 10:11:52 PM	62908			

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

Qualifiers:

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

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

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**Project:** 

Lab ID:

Fed FC Com 2H

2109F72-018

**Analytical Report** 

#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109F72 Date Reported: 10/6/2021

Client Sample ID: SESW2-4'
Collection Date: 9/24/2021 10:15:00 AM
Received Date: 9/28/2021 9:10:00 AM

ceived Date: 9/28/2021 9:10:0	0 AM	
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Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	VP
Chloride	ND	59		mg/Kg	20	10/1/2021 1:48:30 AM	62945
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	JME
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	10/1/2021 3:02:41 AM	62919
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/1/2021 3:02:41 AM	62919
Surr: DNOP	92.6	70-130		%Rec	1	10/1/2021 3:02:41 AM	62919
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/1/2021 10:35:26 PM	62908
Surr: BFB	159	70-130	S	%Rec	1	10/1/2021 10:35:26 PM	62908
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.023		mg/Kg	1	10/1/2021 10:35:26 PM	62908
Toluene	ND	0.047		mg/Kg	1	10/1/2021 10:35:26 PM	62908
Ethylbenzene	ND	0.047		mg/Kg	1	10/1/2021 10:35:26 PM	62908
Xylenes, Total	ND	0.093		mg/Kg	1	10/1/2021 10:35:26 PM	62908
Surr: 4-Bromofluorobenzene	142	70-130	S	%Rec	1	10/1/2021 10:35:26 PM	62908

Matrix: SOIL

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

**Qualifiers:** 

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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

Client: Project:	Talon Ar Fed FC C									
Sample ID: I	MB-62935	SampType:	MBLK	Tes	tCode: El	PA Method	300.0: Anions	6		
Client ID:	PBS	Batch ID:	62935	F	RunNo: 8	1698				
Prep Date:	9/30/2021	Analysis Date:	9/30/2021	S	SeqNo: 2	888516	Units: mg/K	g		
Analyte Chloride		Result PQ ND 1	L SPK value .5	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: I	_CS-62935	SampType:	LCS	Tes	tCode: El	PA Method	300.0: Anions	\$		
Client ID: I	_CSS	Batch ID:	62935	F	RunNo: 8	1698				
Prep Date:	9/30/2021	Analysis Date:	9/30/2021	S	SeqNo: 2	888517	Units: mg/K	g		
Analyte		Result PQ	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1	.5 15.00	0	95.2	90	110			
Sample ID: I	MB-62945	SampType:	MBLK	Tes	tCode: El	PA Method	300.0: Anions	6		
Client ID:	PBS	Batch ID:	62945	F	RunNo: 8	1698				
Prep Date:	9/30/2021	Analysis Date:	9/30/2021	S	SeqNo: 2	888548	Units: mg/K	g		
Analyte		Result PQ	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1	.5							
Sample ID: I	_CS-62945	SampType:	LCS	Tes	tCode: El	PA Method	300.0: Anions	6		
Client ID:	_CSS	Batch ID:	62945	F	RunNo: <b>8</b>	1698				
Prep Date:	9/30/2021	Analysis Date:	9/30/2021	S	SeqNo: 2	888549	Units: mg/K	g		
Analyte		Result PQ	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1	.5 15.00	0	95.8	90	110			

**Qualifiers:** 

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

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

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2109F72

06-Oct-21

WO#:

Client:Talon AProject:Fed FC	Artesia Com 2H									
Sample ID: MB-62919	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 62919			RunNo: 81694						
Prep Date: 9/29/2021	Analysis Date: 9/30/2021			SeqNo: 2888406			Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		107	70	130			
Sample ID: LCS-62919	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 62919			RunNo: 81694						
Prep Date: 9/29/2021	Analysis Date: 9/30/2021			SeqNo: 2888408			Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.4	68.9	135			
Surr: DNOP	4.8		5.000		96.6	70	130			

Qualifiers:

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

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

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2109F72

06-Oct-21

WO#:

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

Client:	Talon Art										
Project:	Fed FC C	om 2H									
Sample ID:	2109f72-001ams	SampT	ype: MS	5	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e	
Client ID:	S1A-4'	Batch	n ID: 62	908	F	RunNo: 8	1717				
Prep Date:	9/29/2021	Analysis D	ate: 10	)/1/2021	S	SeqNo: 2	889674	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	27	4.9	24.34	0	109	61.3	114			
Surr: BFB		1200		973.7		124	70	130			
Sample ID:	2109f72-001amsd	SampT	ype: <b>MS</b>	SD	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e	
Client ID:	S1A-4'	Batch	n ID: 62	908	F	RunNo: 8	1717		_		
Prep Date:	9/29/2021	Analysis D	ate: 10	)/1/2021	5	SeqNo: 2	889675	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	e Organics (GRO)	27	4.8	24.15	0	110	61.3	114	0.244	20	
Surr: BFB		1200		966.2		121	70	130	0	0	
Sample ID:	lcs-62908	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e	
Client ID:	LCSS	Batch	n ID: 62	908	F	RunNo: 8	1717		_		
Prep Date:	9/29/2021	Analysis D	ate: 10	)/1/2021	S	SeqNo: 2	889714	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
,	e Organics (GRO)	27	5.0	25.00	0	107	78.6	131			
Surr: BFB		1200		1000		123	70	130			
Sample ID:	mb-62908	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e	
Client ID:	PBS	Batch	D: 62	908	F	RunNo: 8	1717				
Prep Date:	9/29/2021	Analysis D	ate: 10	)/1/2021	S	SeqNo: 2	889716	Units: <b>mg/K</b>	g		

SPK value SPK Ref Val %REC LowLimit

Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 1200 1000 120 70 130

Result

PQL

**Qualifiers:** 

Analyte

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

- В Analyte detected in the associated Method Blank
- Value above quantitation range Е
- Analyte detected below quantitation limits J
- Sample pH Not In Range Р
- RL Reporting Limit

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%RPD

HighLimit

RPDLimit

Qual

WO#: 2109F72 06-Oct-21

Talon Artesia

Fed FC Com 2H

**Client:** 

**Project:** 

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

Sample ID: 2109f72-002ams	s SampType: MS TestCode: EPA Method 8021B: Volatiles									
Client ID: S2A-4'	Batc	h ID: 629	908	F	RunNo: 8	1717				
Prep Date: 9/29/2021	Analysis [	Date: <b>10</b>	/1/2021	5	SeqNo: 2	889728	Units: <b>mg/k</b>	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9470	0	91.7	80	120			
Toluene	0.88	0.047	0.9470	0	92.9	80	120			
Ethylbenzene	0.88	0.047	0.9470	0	92.7	80	120			
Xylenes, Total	2.6	0.095	2.841	0	90.6	80	120			
Surr: 4-Bromofluorobenzene	0.94		0.9470		99.5	70	130			
Sample ID: 2109f72-002ams	d Samp	Туре: <b>МЅ</b>	D	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: S2A-4'	Batc	h ID: 629	908	F	RunNo: 8	1717				
Prep Date: 9/29/2021	Analysis [	Date: 10	/1/2021	5	SeqNo: <b>2</b>	889729	Units: <b>mg/ŀ</b>	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	0.9862	0	91.5	80	120	3.81	20	
Toluene	0.91	0.049	0.9862	0	92.4	80	120	3.43	20	
Ethylbenzene	0.91	0.049	0.9862	0	91.8	80	120	3.08	20	
Xylenes, Total	2.7	0.099	2.959	0	90.7	80	120	4.21	20	
Surr: 4-Bromofluorobenzene	0.98		0.9862		98.9	70	130	0	0	
Sample ID: LCS-62908	Samp	Type: <b>LC</b>	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Sample ID: LCS-62908 Client ID: LCSS	-	Type: LC h ID: 629			tCode: <b>El</b> RunNo: <b>8</b>		8021B: Vola	tiles		
•	-	h ID: 629	908	F		1717	8021B: Vola Units: mg/k			
Client ID: LCSS	Batc	h ID: 629	908 )/1/2021	F	RunNo: <b>8</b>	1717			RPDLimit	Qual
Client ID: LCSS Prep Date: 9/29/2021	Batc Analysis [	h ID: 629 Date: 10	908 )/1/2021	F	RunNo: <b>8</b> SeqNo: <b>2</b>	1717 889767	Units: <b>mg/k</b>	٢g	RPDLimit	Qual
Client ID: LCSS Prep Date: 9/29/2021 Analyte	Batc Analysis I Result	h ID: 629 Date: 10 PQL	908 9/1/2021 SPK value	F S SPK Ref Val	RunNo: <b>8</b> SeqNo: <b>2</b> %REC	1717 889767 LowLimit	Units: <b>mg/⊮</b> HighLimit	٢g	RPDLimit	Qual
Client ID: LCSS Prep Date: 9/29/2021 Analyte Benzene	Batc Analysis I Result 0.99 0.99 0.99	h ID: 629 Date: 10 PQL 0.025	908 //1/2021 SPK value 1.000	F SPK Ref Val 0 0 0	RunNo: <b>8</b> SeqNo: <b>2</b> %REC 98.6	1717 889767 LowLimit 80	Units: <b>mg/k</b> HighLimit 120 120 120	٢g	RPDLimit	Qual
Client ID: LCSS Prep Date: 9/29/2021 Analyte Benzene Toluene	Batc Analysis I Result 0.99 0.99 0.99 2.9	h ID: 629 Date: 10 PQL 0.025 0.050	908 //1/2021 SPK value 1.000 1.000	F SPK Ref Val 0 0	RunNo: <b>8</b> SeqNo: <b>2</b> %REC 98.6 99.0 98.6 98.6 96.4	1717 889767 LowLimit 80 80 80 80	Units: <b>mg/k</b> HighLimit 120 120 120 120	٢g	RPDLimit	Qual
Client ID: LCSS Prep Date: 9/29/2021 Analyte Benzene Toluene Ethylbenzene	Batc Analysis I Result 0.99 0.99 0.99	h ID: 629 Date: 10 PQL 0.025 0.050 0.050	908 //1/2021 SPK value 1.000 1.000 1.000	F SPK Ref Val 0 0 0	RunNo: <b>8</b> SeqNo: <b>2</b> <u>%REC</u> 98.6 99.0 98.6	1717 889767 LowLimit 80 80 80	Units: <b>mg/k</b> HighLimit 120 120 120	٢g	RPDLimit	Qual
Client ID: LCSS Prep Date: 9/29/2021 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	Batc Analysis I Result 0.99 0.99 0.99 2.9 1.1	h ID: 629 Date: 10 PQL 0.025 0.050 0.050	908 0/1/2021 SPK value 1.000 1.000 3.000 1.000	F SPK Ref Val 0 0 0 0	RunNo: 8 SeqNo: 2 %REC 98.6 99.0 98.6 96.4 106	1717 889767 LowLimit 80 80 80 80 70	Units: <b>mg/k</b> HighLimit 120 120 120 120	<b>(g</b> %RPD	RPDLimit	Qual
Client ID: LCSS Prep Date: 9/29/2021 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene	Batc Analysis I Result 0.99 0.99 0.99 2.9 1.1 Samp	h ID: 629 Date: 10 PQL 0.025 0.050 0.050 0.10	2008 //1/2021 SPK value 1.000 1.000 3.000 1.000 8LK	F SPK Ref Val 0 0 0 0 0 Tes	RunNo: 8 SeqNo: 2 %REC 98.6 99.0 98.6 96.4 106	1717 889767 LowLimit 80 80 80 80 80 70 PA Method	Units: <b>mg/k</b> HighLimit 120 120 120 120 130	<b>(g</b> %RPD	RPDLimit	Qual
Client ID: LCSS Prep Date: 9/29/2021 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: mb-62908	Batc Analysis I Result 0.99 0.99 0.99 2.9 1.1 Samp	h ID: 629 Date: 10 PQL 0.025 0.050 0.050 0.10 Type: ME h ID: 629	908 y/1/2021 SPK value 1.000 1.000 3.000 1.000 SLK 908	F SPK Ref Val 0 0 0 0 Tes F	RunNo: 8 SeqNo: 2 %REC 98.6 99.0 98.6 96.4 106 tCode: El	1717 889767 LowLimit 80 80 80 80 70 PA Method 1717	Units: <b>mg/k</b> HighLimit 120 120 120 120 130	Kg %RPD tiles	RPDLimit	Qual
Client ID: LCSS Prep Date: 9/29/2021 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: mb-62908 Client ID: PBS	Batc Analysis I Result 0.99 0.99 2.9 1.1 Samp Batc	h ID: 629 Date: 10 PQL 0.025 0.050 0.050 0.10 Type: ME h ID: 629	908 y/1/2021 SPK value 1.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000	F SPK Ref Val 0 0 0 0 Tes F	RunNo: 8 SeqNo: 2 %REC 98.6 99.0 98.6 96.4 106 ttCode: El RunNo: 8	1717 889767 LowLimit 80 80 80 80 70 PA Method 1717	Units: mg/k HighLimit 120 120 120 120 130 8021B: Vola	Kg %RPD tiles	RPDLimit	Qual
Client ID: LCSS Prep Date: 9/29/2021 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: mb-62908 Client ID: PBS Prep Date: 9/29/2021	Batc Analysis I Result 0.99 0.99 2.9 1.1 Samp Batc Analysis I	h ID: 629 Date: 10 PQL 0.025 0.050 0.050 0.10 Type: ME h ID: 629 Date: 10	908 y/1/2021 SPK value 1.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000	F SPK Ref Val 0 0 0 0 Tes F	RunNo: 8 SeqNo: 2 %REC 98.6 99.0 98.6 96.4 106 ttCode: El RunNo: 8 SeqNo: 2	1717 889767 LowLimit 80 80 80 80 70 PA Method 1717 889769	Units: mg/k HighLimit 120 120 120 120 130 8021B: Volar Units: mg/k	<pre>{g   %RPD  tiles <g <="" pre=""></g></pre>		
Client ID: LCSS Prep Date: 9/29/2021 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: mb-62908 Client ID: PBS Prep Date: 9/29/2021 Analyte	Batc Analysis I Result 0.99 0.99 2.9 1.1 Samp Batc Analysis I Result	h ID: 629 Date: 10 PQL 0.025 0.050 0.050 0.10 Type: ME h ID: 629 Date: 10 PQL	908 y/1/2021 SPK value 1.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000	F SPK Ref Val 0 0 0 0 Tes F	RunNo: 8 SeqNo: 2 %REC 98.6 99.0 98.6 96.4 106 ttCode: El RunNo: 8 SeqNo: 2	1717 889767 LowLimit 80 80 80 80 70 PA Method 1717 889769	Units: mg/k HighLimit 120 120 120 120 130 8021B: Volar Units: mg/k	<pre>{g   %RPD  tiles <g <="" pre=""></g></pre>		
Client ID: LCSS Prep Date: 9/29/2021 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: mb-62908 Client ID: PBS Prep Date: 9/29/2021 Analyte Benzene	Batc Analysis I Result 0.99 0.99 2.9 1.1 Samp Batc Analysis I Result ND	h ID: 629 Date: 10 PQL 0.025 0.050 0.050 0.10 Type: ME h ID: 629 Date: 10 PQL 0.025	908 y/1/2021 SPK value 1.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000	F SPK Ref Val 0 0 0 0 Tes F	RunNo: 8 SeqNo: 2 %REC 98.6 99.0 98.6 96.4 106 ttCode: El RunNo: 8 SeqNo: 2	1717 889767 LowLimit 80 80 80 80 70 PA Method 1717 889769	Units: mg/k HighLimit 120 120 120 120 130 8021B: Volar Units: mg/k	<pre>{g   %RPD  tiles <g <="" pre=""></g></pre>		
Client ID: LCSS Prep Date: 9/29/2021 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: mb-62908 Client ID: PBS Prep Date: 9/29/2021 Analyte Benzene Toluene	Batc Analysis I Result 0.99 0.99 0.99 2.9 1.1 Samp Batc Analysis I Result ND ND	h ID: 629 Date: 10 PQL 0.025 0.050 0.050 0.10 Type: ME h ID: 629 Date: 10 PQL 0.025 0.050	908 y/1/2021 SPK value 1.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000	F SPK Ref Val 0 0 0 0 Tes F	RunNo: 8 SeqNo: 2 %REC 98.6 99.0 98.6 96.4 106 ttCode: El RunNo: 8 SeqNo: 2	1717 889767 LowLimit 80 80 80 80 70 PA Method 1717 889769	Units: mg/k HighLimit 120 120 120 120 130 8021B: Volar Units: mg/k	<pre>{g   %RPD  tiles <g <="" pre=""></g></pre>		

#### **Qualifiers:**

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

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 22 of 22

#### WO#: 2109F72

06-Oct-21

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ved by OCD: 10/	/25/2021 9	:07:56 PM	Ha	II Environme	ental Analysis Lal	oratom			Page 7
	ONMENT SIS RATORY	AL	TE	L: 505-345	4901 Haw Albuquerque, NN 3975 FAX: 505-3- ts.hallenvironmer	kins NE 4 87109 45-4107	Sar	nple Log-In Che	ck List
Client Name:	Talon Arte	sia	Work	Order Num	ber: 2109F72			RcptNo: 1	
Received By:	Cheyenne	e Cason	9/28/20	21 9:10:00	AM	Ches	l		
Completed By:	Sean Livi	ngston	9/28/20	21 9:26:16	AM	$\leq$	/		
Reviewed By:	The		9/28/2	l	$\subseteq$	/		7	
Chain of Cust	tody			/	le_			t	
1. Is Chain of Cu		lete?			Yes 🖌	N	o 🗌	Not Present	
2. How was the s	sample deliv	vered?			Courier				
<u>Log In</u>									
3. Was an attem	pt made to o	cool the sampl	es?		Yes 🔽	N	•	NA 🗌	
4. Were all samp	les received	l at a temperat	ure of >0° C	to 6.0°C	Yes 🗹	N	o 🗌	NA 🗌	
5. Sample(s) in p	oroper conta	iner(s)?			Yes 🖌	N	o 🗌		
6. Sufficient samp	ole volume f	or indicated te	st(s)?		Yes 🔽	No			
7. Are samples (e	except VOA	and ONG) pro	perly preserve	ed?	Yes 🖌	No			
8. Was preservat	ive added to	bottles?			Yes	No		NA 🗌	
9. Received at lea	ast 1 vial wit	h headspace ·	<1/4" for AQ \	/OA?	Yes	No		NA 🗹	
10. Were any sam	ple containe	ers received br	oken?		Yes	No		# of preserved	
11. Does paperwor					Yes 🔽	No		bottles checked for pH:	
(Note discrepan								(<2 of >12 u Adjusted?	inless noted)
12. Are matrices co 13. Is it clear what					Yes 🗹	No			-
14. Were all holdin		20 A	ſ		Yes 🗹 Yes 🗹	No No		Checked by:	9/79
(If no, notify cu					res 💌	NC	/		, ju
Special Handli	ng (if app	olicable)							
15. Was client not	ified of all d	iscrepancies w	vith this order	?	Yes 🗌	N	o 🗌	NA 🗹	
Person N	Notified:			Date	: )		Olen Phage 24 Cr		
By Whor				Via:	🗌 eMail 🗌	] Phone [	Fax	In Person	
Regardir						the set of some set on the property	der beiser zusten in	ana manana 2017	
Client In	structions:							en e	
16. Additional rem	narks:								
17. Cooler Inform		1							
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed	ву		
2	1.4 0.6	Good Good							

Page 1 of 1

HALL ENVIRONMENTAL ANALYSIS LABORATORY	4901 Hawkins NE - Albuquerque, NM 87109	5 Fax 505-345-4107	Analysis Request		9 ,₄Oq ∋sdA\ti		1 ' <sup>(</sup>	-^( (	irr, 1 AOA ime	RCRA 1 Cl, F, B 8260 (/ 82570 (9 70tal C	X												Please cc the following via email:	e.com	MM ALLAND CAL COMM 9/ 2810 * Bill to EOG Direct ATTN Chase Settle
HALL ANAL	awkins NE	505-345-3975			SMIS		OL	018	y 83	M) 803 PAHs b									_				emarks: Please cc th Roons@talonIne.com	Dadkins@talonlpe.com	OG Dire
	4901 H	Tel. 50		(0)	AM \ O	ЯQ /	05	19)	٩۶D	08:H9T 9 1808	×	-			_		_	-	_		_		Remarks: Rnons@t	adkins	*Bill to E
				(1:	208) s	TMB	. / :	BB.	TM	V XƏTA	x	_	/	1		_	_	_	-				Ren		*
X Rush 10/01/2021							🗆 No	ト) 一村 この	2.0=0-3	HEAL NO.	100	200	63	100	500	200	43	B3	600	010	110	210	Pate Time		9/28/20 0910
Time:	=C Com #2H		.247.01	ger:	SU	C Jaramillo	Q Yes	2 1.4	np(including CF): 🔗.	Preservative Type	lce	I			_						_		Via:"	Via: Via:	C.C.sm
Turn-Around Time:	Fed FC	Project #:	700438.247.01	Project Manager:	Rebecca Pons	Sampler: C .	On Ice:	# of Coolers:	Cooler Temp(	Container Type and #	Jar												Received by:	₹ä	ONTO
Chain-of-Custody Record <sup>t.</sup> Talon LPE 408 W Texas St	M 88210			905	Level 4 (Full Validation)	0				Sample Name	4'	4'	4'	- 4'	- 4'	1 - 4'	۹ - 4'	۹- 4'	1 - 4'	- 4'	- 4'	1 - 4'	Ć	912 de 17020	
f-Custod E	Artesia, NM 88210		575-441-0980	(575) 746-8905		□ Az Compliance	□ Other			Matrix Samp	S1A - 4'	S2A - 4'	S3A - 4'	S4A - 4'	S11A - 4'	S12A - 4'	S16A - 4'	S20A- 4'	S22A - 4'	S24A - 4'	S25A - 4'	S26A - 4'	Relinquished by:	Relinquished by:	QALAND
Talon LPE	Mailing Address:		Phone #: 575-44	email or Fax#: (!	QA/QC Package:			EDD (Type)		Time	9/24/21 9/200		9:12	9:20	9:23	9:30	91.25	4127	OHID	9145	4:47	9:50	1	Time: Re	any Mon

Released to Imaging: 11/29/2021 2:56:09 PM

400	Rush 10/01/2021 ANAL	me: www.hallenvironmental.com	Fed FC Com #2H 4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975	Inal	(0	004, S SIMS (802* (802*	су су су су су су су су су су су су су с	Jaramillo V DF V DF	03" 10 ( 10 ( 9 2) 10 ( 9 2) 10 ( 9 2) 10 ( 9 2) 10 ( 9 2) 10 ( 9 2)		Preservative			015			4-10	0.0				Via: <sup>Via:</sup> <sup>Pate</sup> <sup>Time</sup> Remarks: Please cc the following via email:	Via: X Date Time	cern glesta Galo Bill EOG Direct
			4901	Tel. 5			AM \	05	10 / C	ЯÐ	)DS	108:H9T		6		-				•			marks:		
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5	10/01/2021									3 22	0.010.	HEAL No.	0(3	510	015	510		410	013				- F		
		e:	C Com #2H		8.247.01	ager:	ons		Jaramillo RV Yac	1 0	P:(10 Bui	Preservative Type	lce										Via:	Via: X'	
Turn-Around Time:		Project Name:	Fed F(	Project #:	70043	Project Manager:	Rebecca Pons		Sampler: C	# of Coolers: 3	Cooler Temp	Container Type and #	Jar				QP						Received by:	Received by:	Con
Chain-of-Custody Record	LPE	Texas St	Artesia, NM 88210		575-441-0980	(575) 746-8905			□ Az Compliance	L.		Matrix Sample Name	/ WSW1 - 4'	🗸 NSW - 4'	🗸 SSW - 4	SESWJ- 4'	- AASAA	1 1/2 (M/2 (M) 2 - 4'	12221				Relinquished by:	Relinquished by:	Manu
Chain-	VIICIII. Talon LPE	408 W Texas	Mailing Address:		Phone #: 575-	email or Fax#:	QA/QC Package:			C EDD (Tvpe)		Date Time	9/24/21 9:55	9:100	9:03	10:01	~	10100	101	£			Plate: Time: H	Time:	COLDA Hellel.

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August 31, 2021

Rebecca Pons Talon Artesia 408 West Texas Ave Artesia, NM 88210 TEL: FAX:

RE: Federal FC Com 2H Fed FC

OrderNo.: 2108B93

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 19 sample(s) on 8/21/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

2108B93-001

**Project:** 

Lab ID:

Analyses

Analytical Report Lab Order 2108B93

#### Hall Environmental Analysis Laboratory, Inc.

Federal FC Com 2H Fed FC

 Is Laboratory, Inc.
 Date Reported: 8/31/2021

 Client Sample ID: TT-1 3'

 Collection Date: 8/16/2021 11:00:00 AM

 Matrix: SOIL
 Received Date: 8/21/2021 8:50:00 AM

 Result
 RL Qual Units
 DF Date Analyzed
 Batch

 Analyst: VP

EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	8/24/2021 2:01:17 AM	62139
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	8/24/2021 6:13:03 PM	62135
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/24/2021 6:13:03 PM	62135
Surr: DNOP	123	70-130	%Rec	1	8/24/2021 6:13:03 PM	62135
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	8/24/2021 2:11:16 PM	62122
Surr: BFB	104	70-130	%Rec	1	8/24/2021 2:11:16 PM	62122
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.023	mg/Kg	1	8/24/2021 2:11:16 PM	62122
Toluene	ND	0.046	mg/Kg	1	8/24/2021 2:11:16 PM	62122
Ethylbenzene	ND	0.046	mg/Kg	1	8/24/2021 2:11:16 PM	62122
Xylenes, Total	ND	0.093	mg/Kg	1	8/24/2021 2:11:16 PM	62122
Surr: 4-Bromofluorobenzene	98.3	70-130	%Rec	1	8/24/2021 2:11:16 PM	62122

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

Qualifiers:

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

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

Page 1 of 26

**Project:** Federal FC Com 2H Fed FC

**Analytical Report** Lab Order 2108B93

Date Reported: 8/31/2021

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: TT-1 4' Collection Date: 8/16/2021 11:05:00 AM nived Date: 8/21/2021 8:50:00 AM n.

Lab ID: 2108B93-002	Matrix: SOIL	]	Received Dat	<b>e:</b> 8/2	21/2021 8:50:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	ND	60	mg/Kg	20	8/24/2021 2:38:29 AM	62139
EPA METHOD 8015M/D: DIESEL RANG	<b>SE ORGANICS</b>				Analyst	SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	8/24/2021 6:23:01 PM	62135
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/24/2021 6:23:01 PM	62135
Surr: DNOP	114	70-130	%Rec	1	8/24/2021 6:23:01 PM	62135
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/24/2021 2:35:04 PM	62122
Surr: BFB	108	70-130	%Rec	1	8/24/2021 2:35:04 PM	62122
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	8/24/2021 2:35:04 PM	62122
Toluene	ND	0.049	mg/Kg	1	8/24/2021 2:35:04 PM	62122
Ethylbenzene	ND	0.049	mg/Kg	1	8/24/2021 2:35:04 PM	62122
Xylenes, Total	ND	0.099	mg/Kg	1	8/24/2021 2:35:04 PM	62122
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	8/24/2021 2:35:04 PM	62122

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

**Qualifiers:** 

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL
  - Reporting Limit

Page 2 of 26

**Project:** Federal FC Com 2H Fed FC

Analytical Report Lab Order 2108B93

Date Reported: 8/31/2021

## Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: TT-1 5' Collection Date: 8/16/2021 11:10:00 AM

Lab ID: 2108B93-003	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 8/	21/2021 8:50:00 AM	
Analyses	Result	RL	Qual Units	DF	<b>Date Analyzed</b>	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	150	60	mg/Kg	20	8/24/2021 2:50:54 AM	62139
EPA METHOD 8015M/D: DIESE	L RANGE ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	8/24/2021 6:32:57 PM	62135
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/24/2021 6:32:57 PM	62135
Surr: DNOP	115	70-130	%Rec	1	8/24/2021 6:32:57 PM	62135
EPA METHOD 8015D: GASOLIN	NE RANGE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	8/24/2021 2:58:51 PM	62122
Surr: BFB	106	70-130	%Rec	1	8/24/2021 2:58:51 PM	62122
EPA METHOD 8021B: VOLATIL	ES				Analyst	: NSB
Benzene	ND	0.023	mg/Kg	1	8/24/2021 2:58:51 PM	62122
Toluene	ND	0.046	mg/Kg	1	8/24/2021 2:58:51 PM	62122
Ethylbenzene	ND	0.046	mg/Kg	1	8/24/2021 2:58:51 PM	62122
Xylenes, Total	ND	0.091	mg/Kg	1	8/24/2021 2:58:51 PM	62122
Surr: 4-Bromofluorobenzene	98.3	70-130	%Rec	1	8/24/2021 2:58:51 PM	62122

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

Qualifiers:

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

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

Page 3 of 26

**Project:** Federal FC Com 2H Fed FC

Analytical Report
Lab Order 2108B93

Date Reported: 8/31/2021

## Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: TT-2 2' Collection Date: 8/16/2021 11:33:00 AM

Lab ID: 2108B93-004	Matrix: SOIL		Recei	ived Dat	<b>e:</b> 8/2	21/2021 8:50:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: VP
Chloride	ND	59		mg/Kg	20	8/24/2021 3:28:08 AM	62139
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS					Analys	t: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/24/2021 6:42:53 PM	62135
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/24/2021 6:42:53 PM	62135
Surr: DNOP	152	70-130	S	%Rec	1	8/24/2021 6:42:53 PM	62135
EPA METHOD 8015D: GASOLINE RAI	NGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/24/2021 4:34:42 PM	62122
Surr: BFB	110	70-130		%Rec	1	8/24/2021 4:34:42 PM	62122
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	ND	0.024		mg/Kg	1	8/24/2021 4:34:42 PM	62122
Toluene	ND	0.048		mg/Kg	1	8/24/2021 4:34:42 PM	62122
Ethylbenzene	ND	0.048		mg/Kg	1	8/24/2021 4:34:42 PM	62122
Xylenes, Total	ND	0.095		mg/Kg	1	8/24/2021 4:34:42 PM	62122
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	8/24/2021 4:34:42 PM	62122

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

Qualifiers:

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

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

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Project:

Analytical Report Lab Order 2108B93

## Hall Environmental Analysis Laboratory, Inc.

Federal FC Com 2H Fed FC

Date Reported: 8/31/2021 Client Sample ID: TT-2 3' Collection Date: 8/16/2021 11:36:00 AM

Lab ID: 2108B93-005	Matrix: SOIL		Received Dat	e: 8/2	21/2021 8:50:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	110	60	mg/Kg	20	8/24/2021 3:40:32 AM	62139
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	8/24/2021 6:52:46 PM	62135
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	8/24/2021 6:52:46 PM	62135
Surr: DNOP	113	70-130	%Rec	1	8/24/2021 6:52:46 PM	62135
EPA METHOD 8015D: GASOLINE RANG	GE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/24/2021 4:58:35 PM	62122
Surr: BFB	109	70-130	%Rec	1	8/24/2021 4:58:35 PM	62122
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.023	mg/Kg	1	8/24/2021 4:58:35 PM	62122
Toluene	ND	0.047	mg/Kg	1	8/24/2021 4:58:35 PM	62122
Ethylbenzene	ND	0.047	mg/Kg	1	8/24/2021 4:58:35 PM	62122
Xylenes, Total	ND	0.094	mg/Kg	1	8/24/2021 4:58:35 PM	62122
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	8/24/2021 4:58:35 PM	62122

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

Qualifiers:

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

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

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Analytical Report
Lab Order 2108B93

## Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/31/2021
Client Sample ID: TT-2 4'

<b>Project:</b>	Federal FC Com 2H Fed FC		C	Collection Date	e: 8/1	6/2021 11:39:00 AM	
Lab ID:	2108B93-006	Matrix: SOIL		Received Date	e: 8/2	21/2021 8:50:00 AM	
Analyses	S	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analyst	: VP
Chloride		90	60	mg/Kg	20	8/24/2021 3:52:56 AM	62139
EPA ME	THOD 8015M/D: DIESEL RANGE	E ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	8/24/2021 7:02:38 PM	62135
Motor O	il Range Organics (MRO)	ND	49	mg/Kg	1	8/24/2021 7:02:38 PM	62135
Surr:	DNOP	109	70-130	%Rec	1	8/24/2021 7:02:38 PM	62135
EPA ME	THOD 8015D: GASOLINE RANG	E				Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.6	mg/Kg	1	8/24/2021 5:22:30 PM	62122
Surr:	BFB	114	70-130	%Rec	1	8/24/2021 5:22:30 PM	62122
EPA ME	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.023	mg/Kg	1	8/24/2021 5:22:30 PM	62122
Toluene		ND	0.046	mg/Kg	1	8/24/2021 5:22:30 PM	62122
Ethylber	izene	ND	0.046	mg/Kg	1	8/24/2021 5:22:30 PM	62122
Xylenes	, Total	ND	0.092	mg/Kg	1	8/24/2021 5:22:30 PM	62122
Surr:	4-Bromofluorobenzene	104	70-130	%Rec	1	8/24/2021 5:22:30 PM	62122

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

Qualifiers:

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

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

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**Project:** Federal FC Com 2H Fed FC

Analytical Report
Lab Order 2108B93

Date Reported: 8/31/2021

## Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: TT-3 2' Collection Date: 8/17/2021 10:30:00 AM

Lab ID: 2	2108B93-007	Matrix: SOIL		Received Dat	<b>e:</b> 8/2	21/2021 8:50:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METH	IOD 300.0: ANIONS					Analyst	: VP
Chloride		280	60	mg/Kg	20	8/24/2021 4:05:21 AM	62139
EPA METH	OD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	SB
Diesel Rar	nge Organics (DRO)	ND	9.8	mg/Kg	1	8/24/2021 7:12:32 PM	62135
Motor Oil F	Range Organics (MRO)	ND	49	mg/Kg	1	8/24/2021 7:12:32 PM	62135
Surr: DN	NOP	122	70-130	%Rec	1	8/24/2021 7:12:32 PM	62135
EPA METH	OD 8015D: GASOLINE RA	NGE				Analyst	: NSB
Gasoline F	Range Organics (GRO)	ND	4.9	mg/Kg	1	8/24/2021 5:46:27 PM	62122
Surr: BF	В	109	70-130	%Rec	1	8/24/2021 5:46:27 PM	62122
EPA METH	OD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.024	mg/Kg	1	8/24/2021 5:46:27 PM	62122
Toluene		ND	0.049	mg/Kg	1	8/24/2021 5:46:27 PM	62122
Ethylbenze	ene	ND	0.049	mg/Kg	1	8/24/2021 5:46:27 PM	62122
Xylenes, T	otal	ND	0.097	mg/Kg	1	8/24/2021 5:46:27 PM	62122
Surr: 4-I	Bromofluorobenzene	102	70-130	%Rec	1	8/24/2021 5:46:27 PM	62122

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

Qualifiers:

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

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

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Project:

Analytical Report
Lab Order 2108B93

Date Reported: 8/31/2021

#### Hall Environmental Analysis Laboratory, Inc.

Federal FC Com 2H Fed FC

Client Sample ID: TT-3 3' Collection Date: 8/17/2021 10:33:00 AM

Lab ID: 2108B93-008	Matrix: SOIL         Received Date: 8/21/2021 8:50:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	68	60	mg/Kg	20	8/24/2021 4:17:45 AM	62139
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	8/24/2021 7:22:22 PM	62135
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	8/24/2021 7:22:22 PM	62135
Surr: DNOP	128	70-130	%Rec	1	8/24/2021 7:22:22 PM	62135
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/24/2021 6:10:27 PM	62122
Surr: BFB	109	70-130	%Rec	1	8/24/2021 6:10:27 PM	62122
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	8/24/2021 6:10:27 PM	62122
Toluene	ND	0.049	mg/Kg	1	8/24/2021 6:10:27 PM	62122
Ethylbenzene	ND	0.049	mg/Kg	1	8/24/2021 6:10:27 PM	62122
Xylenes, Total	ND	0.098	mg/Kg	1	8/24/2021 6:10:27 PM	62122
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	8/24/2021 6:10:27 PM	62122

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

Qualifiers:

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

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

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Surr: 4-Bromofluorobenzene

Analytical Report

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2108B93

Date Reported: 8/31/2021

8/24/2021 6:34:24 PM 62122

CLIENT: Talon Artesia	Client Sample ID: TT-3 4'							
<b>Project:</b> Federal FC Com 2H Fed FC	Collection Date: 8/17/2021 10:36:00 AM							
Lab ID: 2108B93-009	Matrix: SOIL		<b>Received Dat</b>	e: 8/2	21/2021 8:50:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	VP		
Chloride	210	60	mg/Kg	20	8/24/2021 4:30:09 AM	62139		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	8/24/2021 7:32:13 PM	62135		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/24/2021 7:32:13 PM	62135		
Surr: DNOP	121	70-130	%Rec	1	8/24/2021 7:32:13 PM	62135		
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	NSB		
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/24/2021 6:34:24 PM	62122		
Surr: BFB	109	70-130	%Rec	1	8/24/2021 6:34:24 PM	62122		
EPA METHOD 8021B: VOLATILES					Analyst	NSB		
Benzene	ND	0.024	mg/Kg	1	8/24/2021 6:34:24 PM	62122		
Toluene	ND	0.047	mg/Kg	1	8/24/2021 6:34:24 PM	62122		
Ethylbenzene	ND	0.047	mg/Kg	1	8/24/2021 6:34:24 PM	62122		
Xylenes, Total	ND	0.095	mg/Kg	1	8/24/2021 6:34:24 PM	62122		

101

70-130

%Rec

1

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

Qualifiers:

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

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

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**Project:** Federal FC Com 2H Fed FC

Analytical Report
Lab Order 2108B93

Date Reported: 8/31/2021

## Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: TT-4 2' Collection Date: 8/17/2021 11:00:00 AM

Lab ID: 2108B93-010	Matrix: SOIL	R	eceived Dat	<b>e:</b> 8/2	21/2021 8:50:00 AM	
Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	110	60	mg/Kg	20	8/24/2021 4:42:33 AM	62139
EPA METHOD 8015M/D: DIESEL RANGI	E ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	8/24/2021 7:42:03 PM	62135
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	8/24/2021 7:42:03 PM	62135
Surr: DNOP	120	70-130	%Rec	1	8/24/2021 7:42:03 PM	62135
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/24/2021 6:58:13 PM	62122
Surr: BFB	109	70-130	%Rec	1	8/24/2021 6:58:13 PM	62122
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	8/24/2021 6:58:13 PM	62122
Toluene	ND	0.047	mg/Kg	1	8/24/2021 6:58:13 PM	62122
Ethylbenzene	ND	0.047	mg/Kg	1	8/24/2021 6:58:13 PM	62122
Xylenes, Total	ND	0.095	mg/Kg	1	8/24/2021 6:58:13 PM	62122
Surr: 4-Bromofluorobenzene	99.7	70-130	%Rec	1	8/24/2021 6:58:13 PM	62122

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

Qualifiers:

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

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

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Project:

Analytical Report
Lab Order 2108B93

Date Reported: 8/31/2021

#### Hall Environmental Analysis Laboratory, Inc.

Federal FC Com 2H Fed FC

Client Sample ID: TT-4 3' Collection Date: 8/17/2021 11:03:00 AM

Lab ID:	2108B93-011	Matrix: SOIL	Received Date: 8/21/2021 8:50:00 AM					
Analyses	8	Result	RL	Qual Units	DF	Date Analyzed Bat	tch	
EPA ME	THOD 300.0: ANIONS					Analyst: <b>VP</b>		
Chloride	•	110	60	mg/Kg	20	8/24/2021 10:09:42 AM 621	145	
EPA ME	THOD 8015M/D: DIESEL R	ANGE ORGANICS				Analyst: <b>SB</b>		
Diesel F	Range Organics (DRO)	ND	10	mg/Kg	1	8/24/2021 7:51:53 PM 621	135	
Motor O	il Range Organics (MRO)	ND	50	mg/Kg	1	8/24/2021 7:51:53 PM 621	135	
Surr:	DNOP	121	70-130	%Rec	1	8/24/2021 7:51:53 PM 621	135	
EPA ME	THOD 8015D: GASOLINE F	RANGE				Analyst: <b>NS</b>	в	
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	8/24/2021 7:22:02 PM 621	122	
Surr:	BFB	109	70-130	%Rec	1	8/24/2021 7:22:02 PM 621	122	
EPA ME	THOD 8021B: VOLATILES					Analyst: <b>NS</b>	в	
Benzene	е	ND	0.024	mg/Kg	1	8/24/2021 7:22:02 PM 621	122	
Toluene		ND	0.048	mg/Kg	1	8/24/2021 7:22:02 PM 621	122	
Ethylber	nzene	ND	0.048	mg/Kg	1	8/24/2021 7:22:02 PM 621	122	
Xylenes	, Total	ND	0.096	mg/Kg	1	8/24/2021 7:22:02 PM 621	122	
Surr:	4-Bromofluorobenzene	102	70-130	%Rec	1	8/24/2021 7:22:02 PM 621	122	

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

Qualifiers:

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

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

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**Project:** 

Analytical Report
Lab Order 2108B93

#### Hall Environmental Analysis Laboratory, Inc.

Federal FC Com 2H Fed FC

Date Reported: 8/31/2021
Client Sample ID: TT-4 4'

Collection Date: 8/17/2021 11:06:00 AM Received Date: 8/21/2021 8:50:00 AM

Lab ID: 2108B93-012	Matrix: SOIL	<b>Received Date:</b> 8/21/2021 8:50:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	VP	
Chloride	62	60	mg/Kg	20	8/24/2021 10:46:46 AM	62145	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB	
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	8/24/2021 8:01:40 PM	62135	
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/24/2021 8:01:40 PM	62135	
Surr: DNOP	120	70-130	%Rec	1	8/24/2021 8:01:40 PM	62135	
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	NSB	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/24/2021 7:45:49 PM	62122	
Surr: BFB	108	70-130	%Rec	1	8/24/2021 7:45:49 PM	62122	
EPA METHOD 8021B: VOLATILES					Analyst	NSB	
Benzene	ND	0.024	mg/Kg	1	8/24/2021 7:45:49 PM	62122	
Toluene	ND	0.047	mg/Kg	1	8/24/2021 7:45:49 PM	62122	
Ethylbenzene	ND	0.047	mg/Kg	1	8/24/2021 7:45:49 PM	62122	
Xylenes, Total	ND	0.095	mg/Kg	1	8/24/2021 7:45:49 PM	62122	
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	8/24/2021 7:45:49 PM	62122	

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In RangeRL Reporting Limit
- Page 12 of 26

2108B93-013

**Project:** 

Lab ID:

Analyses

**Analytical Report** Lab Order 2108B93

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/31/2021 Client Sample ID: TT-5 2' Federal FC Com 2H Fed FC Collection Date: 8/18/2021 11:30:00 AM Matrix: SOIL Received Date: 8/21/2021 8:50:00 AM Result **RL** Qual Units **DF** Date Analyzed Batch **EPA METHOD 300.0: ANIONS** Analyst: VP

					,	
Chloride	ND	60	mg/Kg	20	8/24/2021 11:23:49 AM	62145
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	SB
Diesel Range Organics (DRO)	70	9.4	mg/Kg	1	8/25/2021 11:44:53 AM	62135
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/25/2021 11:44:53 AM	62135
Surr: DNOP	113	70-130	%Rec	1	8/25/2021 11:44:53 AM	62135
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	8/24/2021 8:09:35 PM	62122
Surr: BFB	103	70-130	%Rec	1	8/24/2021 8:09:35 PM	62122
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.024	mg/Kg	1	8/24/2021 8:09:35 PM	62122
Toluene	ND	0.048	mg/Kg	1	8/24/2021 8:09:35 PM	62122
Ethylbenzene	ND	0.048	mg/Kg	1	8/24/2021 8:09:35 PM	62122
Xylenes, Total	ND	0.096	mg/Kg	1	8/24/2021 8:09:35 PM	62122
Surr: 4-Bromofluorobenzene	96.2	70-130	%Rec	1	8/24/2021 8:09:35 PM	62122

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

**Qualifiers:** 

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits J
- Р Sample pH Not In Range
- RL Reporting Limit

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**Project:** 

Analytical Report
Lab Order 2108B93

Date Reported: 8/31/2021

#### Hall Environmental Analysis Laboratory, Inc.

Federal FC Com 2H Fed FC

Client Sample ID: TT-5 3' Collection Date: 8/18/2021 11:33:00 AM Received Date: 8/21/2021 8:50:00 AM

Lab ID: 2108B93-014	Matrix: SOIL	Received Date: 8/21/2021 8:50:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst:	VP	
Chloride	160	60	mg/Kg	20	8/24/2021 12:00:51 PM	62145	
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst:	SB	
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	8/24/2021 8:21:27 PM	62135	
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/24/2021 8:21:27 PM	62135	
Surr: DNOP	119	70-130	%Rec	1	8/24/2021 8:21:27 PM	62135	
EPA METHOD 8015D: GASOLINE RANG	GE				Analyst:	NSB	
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	8/24/2021 8:56:56 PM	62122	
Surr: BFB	109	70-130	%Rec	1	8/24/2021 8:56:56 PM	62122	
EPA METHOD 8021B: VOLATILES					Analyst:	NSB	
Benzene	ND	0.024	mg/Kg	1	8/24/2021 8:56:56 PM	62122	
Toluene	ND	0.048	mg/Kg	1	8/24/2021 8:56:56 PM	62122	
Ethylbenzene	ND	0.048	mg/Kg	1	8/24/2021 8:56:56 PM	62122	
Xylenes, Total	ND	0.096	mg/Kg	1	8/24/2021 8:56:56 PM	62122	
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	8/24/2021 8:56:56 PM	62122	

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

Qualifiers:

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

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

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Surr: 4-Bromofluorobenzene

Analytical Report
Lab Order 2108B93

## Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/31/2021
Client Sample ID: TT-6 2'

CLIENT: Talon Artesia	Client Sample ID: TT-6 2'					
<b>Project:</b> Federal FC Com 2H Fed FC		С	ollection Date	e: 8/1	18/2021 2:40:00 PM	
Lab ID: 2108B93-015	Matrix: SOIL	I	Received Date	e: 8/2	21/2021 8:50:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	8/24/2021 12:13:12 PM	62145
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	8/24/2021 8:31:17 PM	62135
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/24/2021 8:31:17 PM	62135
Surr: DNOP	116	70-130	%Rec	1	8/24/2021 8:31:17 PM	62135
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/24/2021 9:20:28 PM	62122
Surr: BFB	105	70-130	%Rec	1	8/24/2021 9:20:28 PM	62122
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	8/24/2021 9:20:28 PM	62122
Toluene	ND	0.047	mg/Kg	1	8/24/2021 9:20:28 PM	62122
Ethylbenzene	ND	0.047	mg/Kg	1	8/24/2021 9:20:28 PM	62122
Xylenes, Total	ND	0.094	mg/Kg	1	8/24/2021 9:20:28 PM	62122

98.1

70-130

%Rec

1

8/24/2021 9:20:28 PM 62122

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

Qualifiers:

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

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

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**Project:** Federal FC Com 2H Fed FC

Surr: 4-Bromofluorobenzene

Analytical Report Lab Order 2108B93

Date Reported: 8/31/2021

8/24/2021 9:44:00 PM 62122

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: TT-6 3' Collection Date: 8/18/2021 2:43:00 PM

Lab ID: 2108B93-016	Matrix: SOIL	<b>Received Date:</b> 8/21/2021 8:50:00 AM						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	61	60	mg/Kg	20	8/24/2021 12:25:33 PM	62145		
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	: SB		
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	8/24/2021 8:41:10 PM	62135		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/24/2021 8:41:10 PM	62135		
Surr: DNOP	123	70-130	%Rec	1	8/24/2021 8:41:10 PM	62135		
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/24/2021 9:44:00 PM	62122		
Surr: BFB	105	70-130	%Rec	1	8/24/2021 9:44:00 PM	62122		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.024	mg/Kg	1	8/24/2021 9:44:00 PM	62122		
Toluene	ND	0.047	mg/Kg	1	8/24/2021 9:44:00 PM	62122		
Ethylbenzene	ND	0.047	mg/Kg	1	8/24/2021 9:44:00 PM	62122		
Xylenes, Total	ND	0.095	mg/Kg	1	8/24/2021 9:44:00 PM	62122		

98.8

70-130

%Rec

1

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

Qualifiers:

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

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

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Analytical Report

## Hall Environmental Analysis Laboratory, Inc.

Lab Order **2108B93** Date Reported: **8/31/2021** 

CLIENT: Talon Artesia	Client Sample ID: TT-6 4'						
<b>Project:</b> Federal FC Com 2H Fed FC	Collection Date: 8/18/2021 9:10:00 AM						
Lab ID: 2108B93-017	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 8/2	21/2021 8:50:00 AM		
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: VP	
Chloride	1000	60	mg/Kg	20	8/24/2021 12:37:55 PM	62145	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB	
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	8/24/2021 8:50:58 PM	62135	
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/24/2021 8:50:58 PM	62135	
Surr: DNOP	119	70-130	%Rec	1	8/24/2021 8:50:58 PM	62135	
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: NSB	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/24/2021 10:07:33 PM	62122	
Surr: BFB	104	70-130	%Rec	1	8/24/2021 10:07:33 PM	62122	
EPA METHOD 8021B: VOLATILES					Analyst	: NSB	
Benzene	ND	0.024	mg/Kg	1	8/24/2021 10:07:33 PM	62122	
Toluene	ND	0.047	mg/Kg	1	8/24/2021 10:07:33 PM	62122	
Ethylbenzene	ND	0.047	mg/Kg	1	8/24/2021 10:07:33 PM	62122	
Xylenes, Total	ND	0.094	mg/Kg	1	8/24/2021 10:07:33 PM	62122	
Surr: 4-Bromofluorobenzene	98.5	70-130	%Rec	1	8/24/2021 10:07:33 PM	62122	

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

Qualifiers:

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

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

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**Project:** 

Analytical Report Lab Order 2108B93

## Hall Environmental Analysis Laboratory, Inc.

Federal FC Com 2H Fed FC

Date Reported: 8/31/2021

Client Sample ID: TT-6 5' Collection Date: 8/19/2021 2:50:00 PM Received Date: 8/21/2021 8:50:00 AM

Lab ID: 2108B93-018	Matrix: SOIL	<b>Received Date:</b> 8/21/2021 8:50:00 AM						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	VP		
Chloride	520	61	mg/Kg	20	8/24/2021 12:50:17 PM	62145		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	8/24/2021 11:33:57 AM	62136		
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	8/24/2021 11:33:57 AM	62136		
Surr: DNOP	117	70-130	%Rec	1	8/24/2021 11:33:57 AM	62136		
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	mb		
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	8/24/2021 1:33:00 PM	62134		
Surr: BFB	97.8	70-130	%Rec	1	8/24/2021 1:33:00 PM	62134		
EPA METHOD 8021B: VOLATILES					Analyst	mb		
Benzene	ND	0.025	mg/Kg	1	8/24/2021 1:33:00 PM	62134		
Toluene	ND	0.050	mg/Kg	1	8/24/2021 1:33:00 PM	62134		
Ethylbenzene	ND	0.050	mg/Kg	1	8/24/2021 1:33:00 PM	62134		
Xylenes, Total	ND	0.10	mg/Kg	1	8/24/2021 1:33:00 PM	62134		
Surr: 4-Bromofluorobenzene	89.3	70-130	%Rec	1	8/24/2021 1:33:00 PM	62134		

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range RL Reporting Limit
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**Project:** Federal FC Com 2H Fed FC

Analytical Report
Lab Order 2108B93

Date Reported: 8/31/2021

## Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: TT-7 2' Collection Date: 8/19/2021 10:30:00 AM

Lab ID: 2108B93-019	Matrix: SOIL	Received Date: 8/21/2021 8:50:00 AM						
Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	300	60	mg/Kg	20	8/24/2021 1:02:38 PM	62145		
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	97	10	mg/Kg	1	8/30/2021 4:54:28 PM	62245		
Motor Oil Range Organics (MRO)	110	50	mg/Kg	1	8/30/2021 4:54:28 PM	62245		
Surr: DNOP	115	70-130	%Rec	1	8/30/2021 4:54:28 PM	62245		
EPA METHOD 8015D: GASOLINE RAM	IGE				Analyst	mb		
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/24/2021 2:33:00 PM	62134		
Surr: BFB	92.7	70-130	%Rec	1	8/24/2021 2:33:00 PM	62134		
EPA METHOD 8021B: VOLATILES					Analyst	mb		
Benzene	ND	0.024	mg/Kg	1	8/24/2021 2:33:00 PM	62134		
Toluene	ND	0.047	mg/Kg	1	8/24/2021 2:33:00 PM	62134		
Ethylbenzene	ND	0.047	mg/Kg	1	8/24/2021 2:33:00 PM	62134		
Xylenes, Total	ND	0.095	mg/Kg	1	8/24/2021 2:33:00 PM	62134		
Surr: 4-Bromofluorobenzene	83.7	70-130	%Rec	1	8/24/2021 2:33:00 PM	62134		

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

Qualifiers:

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

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

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

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	WO#:	2108B93
Inc.		31-Aug-21

Client:	Talon Art	tesia									
Project:	Federal F	C Com 2H	I Fed F	С							
Sample ID: ME	3-62139	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	300.0: Anion	S		
Client ID: PB	S	Batch	n ID: 62	139	F	RunNo: 8	0719				
Prep Date: 8/	/23/2021	Analysis D	ate: <b>8</b> /	23/2021	S	SeqNo: 2	848155	Units: mg/K	g		
Analyte Chloride		Result ND	PQL 1.5	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: LC	S-62139	SampT	ype: LC	S	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID: LC	SS	Batch	ם <b>I</b> D: 62	139	F	RunNo: 8	0719				
Prep Date: 8/	/23/2021	Analysis D	)ate: <b>8</b> /	23/2021	S	SeqNo: 2	848156	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		15	1.5	15.00	0	98.2	90	110			
Sample ID: ME	3-62145	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID: PB	S	Batch	n ID: 62	145	F	RunNo: 8	0766				
Prep Date: 8/	/24/2021	Analysis D	ate: <b>8</b> /	24/2021	S	SeqNo: 2	849582	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID: LC	S-62145	SampT	ype: LC	S	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID: LC	SS	Batch	n <b>I</b> D: 62	145	F	RunNo: 8	0766				
1											
Prep Date: 8/	/24/2021	Analysis D	ate: <b>8</b> /	24/2021	5	SeqNo: 2	849583	Units: <b>mg/K</b>	g		
Prep Date: <b>8</b> / Analyte	/24/2021	Analysis D Result	0ate: <b>8</b> / PQL		SPK Ref Val	•	849583 LowLimit	Units: <b>mg/K</b> HighLimit	<b>g</b> %RPD	RPDLimit	Qual

**Qualifiers:** 

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

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

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

2108B93	WO#:
27 4 27	

31-Aug-2	1
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Client: Talon A	
Project: Federal	FC Com 2H Fed FC
Sample ID: LCS-62132	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 62132 RunNo: 80756
Prep Date: 8/23/2021	Analysis Date: 8/24/2021 SeqNo: 2849223 Units: %Rec
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	5.4 5.000 108 70 130
Sample ID: MB-62132	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 62132 RunNo: 80756
Prep Date: 8/23/2021	Analysis Date: 8/24/2021 SeqNo: 2849224 Units: %Rec
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	12 10.00 122 70 130
Sample ID: MB-62135	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 62135 RunNo: 80756
Prep Date: 8/23/2021	Analysis Date: 8/24/2021 SeqNo: 2849225 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10
Motor Oil Range Organics (MRO) Surr: DNOP	ND 50 13 10.00 129 70 130
Sample ID: MB-62136	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 62136 RunNo: 80779
Prep Date: 8/23/2021	Analysis Date: 8/24/2021 SeqNo: 2850197 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10
Motor Oil Range Organics (MRO)	ND 50
Surr: DNOP	11 10.00 112 70 130
Sample ID: LCS-62136	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 62136 RunNo: 80779
Prep Date: 8/23/2021	Analysis Date: 8/24/2021 SeqNo: 2850198 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO) Surr: DNOP	47       10       50.00       0       94.4       68.9       141         5.0       5.000       99.7       70       130
Sample ID: LCS-62135	SampType:     LCS     TestCode:     EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 62135 RunNo: 80793
Prep Date: 8/23/2021	Analysis Date:         8/25/2021         SeqNo:         2850703         Units:         mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

#### **Qualifiers:**

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

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

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

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	WO#:	2108B93
Inc.		31-Aug-21

Sample ID: LCS-62135         SampType: LCS         TestCode: EPA Method 8015M/D: Diesel Range Organics           Client ID:         LCSS         Batch ID: 62135         RunNo: 80793           Analyte         Result         POL         SPK ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Issel Range Organics (DR0)         52         10         50.00         0         104         68.9         141           Surr: DNOP         5.8         5.000         115         70         130              Sample ID: LCS-42245         SampType: LCS         TestCode: EPA Method 8015M/D: Diesel Range Organics         Client ID: LCS         Batch ID: 62245         RunNo: 80890	Client: Talon Ar	tesia								
Client ID:         LCSS         Batch ID:         62135         RunNo:         80793           Prep Date:         8/23/2021         Analysis Date:         8/25/2021         SeqNo:         2850703         Units:         mg/Kg           Analysis Date:         8/25/2021         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Malyte         Result         POL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Beel Range Organics (DRO)         5.2         10         50.00         0         104         66.9         11           Smmple ID:         LCS-42245         SampType:         LCS         TestCode:         EPA Method 8015M/D:         Diesel Range Organics           Client ID:         LCS         Batch ID:         62.00         0         91.1         68.9         141           Smm: DNOP         4.6         10         50.00         0         91.1         68.9         141           Smm: DNOP         4.6         10         50.00         0         91.1         68.9         141           Smm: DND         50.00	Project: Federal F	C Com 2H Fed F	С							
Client ID:         LCSS         Batch ID:         62135         RunNo:         80793           Prep Date:         8/23/2021         Analysis Date:         8/25/2021         SeqNo:         2850703         Units:         mg/Kg           Analysis Date:         8/25/2021         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Malyte         Result         POL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Beel Range Organics (DRO)         5.2         10         50.00         0         104         66.9         11           Smmple ID:         LCS-42245         SampType:         LCS         TestCode:         EPA Method 8015M/D:         Diesel Range Organics           Client ID:         LCS         Batch ID:         62.00         0         91.1         68.9         141           Smm: DNOP         4.6         10         50.00         0         91.1         68.9         141           Smm: DNOP         4.6         10         50.00         0         91.1         68.9         141           Smm: DND         50.00	Sample ID: LCS-62135	SampType: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Prep Date:8/23/2021Analysis Date:8/25/2021SeqN:2850703Units:units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualIssee Range Organics (DRO)5.81050.00010468.91410ualSurr: DNOP5.85.00011570130130130130Sample ID:LCS-62245SampType:LCSTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:LCSSBatch ID:62245TestCode:EPA Method 8015M/D:Diesel Range OrganicsAnalyteResultPOLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualIesel Range Organics (DRO)461050.0092.570130101010Sample ID:MB-62245SampType:MBLKTestCode:EPA Method 8015M/D:Diesel Range OrganicsQualSample ID:MB-62245SampType:MBLKTestCode:EPA Method 8015M/D:Diesel Range Orga	Client ID: LCSS								· g	
Analyte         Result         POL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           iesel Range Organics (DR0)         52         10         50.00         0         104         68.9         141           Surr. DNOP         5.8         5.000         115         70         130           Sample ID: LCS-62245         SampType: LCS         TestCode:         EPA Method 8015M/D: Diesel Range Organics           Prep Date:         8/27/2021         Analysis Date:         8/28/2021         SeqNo:         2854941         Units:         mg/Kg           Analyte         Result         POL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Beel Range Organics (DR0)         46         10         50.00         92.5         70         130         3           Sample ID: MB-62245         SampType: MBLK         TestCode: EPA Method 8015M/D: Diesel Range Organics         Client ID:         PRPL         Qual           Iesel Range Organics (DR0)         ND         10         SeqNo:         2854944         Units:         mg/Kg           Analyte         Result	Prep Date: 8/23/2021						Units: mg/K	a		
Bissel Range Organics (DRO)         52         10         50.00         104         68.9         141           Surr. DNOP         5.8         5.000         115         70         130           Sample ID: LCS-62245         SampType: LCS         TestCode: EPA Method 8015M/D: Diesel Range Organics           Client ID:         LCSS         Batch ID: 62245         RunNo: 80890           Prep Date:         8/27/2021         Analysis Date:         8/28/2021         SeqNo: 2854941         Units: mg/Kg           Analyte         Result         POL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           issel Range Organics (DRO)         46         10         50.00         91.1         68.9         141           Surr: DNOP         4.6         5.000         92.5         70         130           Sample ID:         MB-62245         SampType: MBLK         TestCode: EPA Method 8015M/D: Diesel Range Organics           Client ID:         PBS         Batch ID:         62245         RunNo: 80890           Surr: DNOP         12         10.00         122         70         130           Surr: DNOP         12         10.00         122	•	•			•		-	-	<b>RPDI</b> imit	Qual
Surr: DNOP         5.8         5.000         115         70         130           Sample ID:         LCS-62245         SampType:         LCS         TestCode:         EPA Method         8015M/D:         Disel Range         Organics           Client ID:         LCSS         Batch ID:         62245         RunNo:         80890               Analysis         Date:         8/27/2021         Analysis         Date:         8/28/2021         SeqNo:         2854941         Units:         mg/Kg           Analysis         Result         PQL         SPK Ref Val         %REC         LowLinit         HighLimit         %RPD         RPDLimit         Qual           iesel Range Organics (DRO)         4.6         10         50.00         92.5         70         130           Sample ID:         MB-62245         SampType:         MBLK         TestCode:         EPA Method         8015M/D:         Disel Range Organics           Client ID:         PBS         Batch ID:         62245         RunNo:         80990         PDLimit         Qual         IeseRange Organics (IRO)         ND         10         ND         ND         ND         Io         In         SmpType:	Diesel Range Organics (DRO)						5	/0RF D	RF DLIIIII	Quai
Client ID:       LCSS       Batch ID:       62245       RunNo:       80890         Prep Date:       8/27/2021       Analysis Date:       8/28/2021       SeqNo:       2854941       Units:       mg/Kg         Analyte       Result       POL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         iesel Range Organics (DRO)       46       10       50.00       91.1       68.9       141	Surr: DNOP	5.8	5.000		115	70	130			
Prep Date:         8/27/2021         Analysis Date:         8/28/2021         SeqNo:         2854941         Units:         mg/Kg           Analyte         Result         POL         SPK value         SPK ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Iesel Range Organics (DRO)         4.6         10         50.00         92.5         70         130           Sample ID:         MB-62245         SampType:         MBLK         TestCode:         EPA Method         8015M/D:         Diesel Range Organics           Client ID:         PBS         Batch ID:         62245         RunNo:         80890         Units:         mg/Kg           Analyte         Result         POL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Iesel Range Organics (DRO)         ND         10           SeqNo:         2854944         Units:         mg/Kg           Sample ID:         2108B93-019AMS         SampType:         MS         TestCode:         EPA Method         8015M/D:         Diesel Range Organics           Sur: DNOP         12         10.00         12 <td< td=""><td>Sample ID: LCS-62245</td><td>SampType: LC</td><td>S</td><td>Tes</td><td>tCode: EF</td><td>A Method</td><td>8015M/D: Die</td><td>esel Range</td><td>e Organics</td><td></td></td<>	Sample ID: LCS-62245	SampType: LC	S	Tes	tCode: EF	A Method	8015M/D: Die	esel Range	e Organics	
Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Sample ID:         MB-62245         SampType:         MBLK         TestCode:         EPA Method         8015M/D:         Diesel Range         Organics           Client ID:         PBS         Batch ID:         62245         RunNo:         80890         - <t< td=""><td>Client ID: LCSS</td><td>Batch ID: 62</td><td>245</td><td>F</td><td>RunNo: <b>80</b></td><td>0890</td><td></td><td></td><td></td><td></td></t<>	Client ID: LCSS	Batch ID: 62	245	F	RunNo: <b>80</b>	0890				
Issel Range Organics (DRO)         46         10         50.00         91.1         68.9         141           Surr: DNOP         4.6         5.000         92.5         70         130           Sample ID:         MB-62245         SampType:         MBLK         TestCode:         EPA Method 8015M/D: Diesel Range Organics           Client ID:         PBS         Batch ID:         62245         RunNo:         80890           Prep Date:         8/27/2021         Analysis Date:         8/28/2021         SeqNo:         2854944         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Idear Page Organics (DRO)         ND         10         10         10         Sample ID:         210.00         122         70         130           Sample ID:         2108B93-019AMS         SampType:         MS         TestCode:         EPA Method 8015M/D: Diesel Range Organics           Client ID:         TT-7         2'         Batch ID:         62245         RunNo:         80907           Prep Date:         8/27/2021         Analysis Date:         8/30/2021         SeqNo:	Prep Date: 8/27/2021	Analysis Date: 8/	28/2021	5	SeqNo: 28	354941	Units: mg/K	g		
Surr: DNOP         4.6         5.00         92.5         70         130           Sample ID: MB-62245         SampType: MBLK         TestCode: EPA Method 8015M/D: Diesel Range Organics           Client ID: PBS         Batch ID: 62245         RunNo: 80890           Prep Date:         8/27/2021         Analysis Date:         8/28/2021         SeqNo: 2854944         Units: mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           liesel Range Organics (DRO)         ND         10          Serv: DNOP         12         10.00         122         70         130            Surr: DNOP         12         10.00         122         70         130           Qual           Sample ID: 2108893-019AMS         SampType: MS         TestCode: EPA Method 8015M/D: Diesel Range Organics          Qual           Glient ID:         TT-7 2'         Batch ID: 62245         RunNo: 80907             Prep Date:         8/27/2021         Analysis Date:         8/30/2021         SeqNo: 2856106         Units: mg/Kg           Sample ID: 2108893-019AMS         SampType: MSD	Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID:         MB-62245         SampType:         MBLK         TestCode:         EPA Method 8015M/D:         Diesel Range Organics           Client ID:         PBS         Batch ID:         62245         RunNo:         80890           Prep Date:         8/27/2021         Analysis Date:         8/28/2021         SeqNo:         2854944         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           iesel Range Organics (DRO)         ND         10              Qual           Sample ID:         2108893-019AMS         SampType:         MS         TestCode:         EPA Method 8015M/D: Diesel Range Organics           Sample ID:         2108893-019AMS         SampType:         MS         TestCode:         EPA Method 8015M/D: Diesel Range Organics           Sample ID:         2108893-019AMS         SampType:         MS         TestCode:         EPA Method 8015M/D: Diesel Range Organics           Client ID:         TT-7 2'         Batch ID:         62245         RunNo:         80907           Sample ID:         21000         95         47.39	Diesel Range Organics (DRO)	46 10	50.00	0	91.1	68.9	141			
Client ID:       PBS       Batch ID:       62245       RunNo:       80890         Prep Date:       8/27/2021       Analysis Date:       8/28/2021       SeqNo:       2854944       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         liesel Range Organics (DRO)       ND       10       10       102       10.00       122       70       130       100       100       1000       122       70       130       1000       1000       1000       1000       122       70       130       10000       1000       10000	Surr: DNOP	4.6	5.000		92.5	70	130			
Prep Date:         8/27/2021         Analysis Date:         8/28/2021         SeqNo:         2854944         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           iesel Range Organics (DRO)         ND         10	Sample ID: MB-62245	SampType: <b>ME</b>	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           iesel Range Organics (DRO)         ND         10	Client ID: PBS	Batch ID: 62	245	F	RunNo: <b>80</b>	0890				
Iese Range Organics (DRO)         ND         10           lotor Oil Range Organics (MRO)         ND         50           Surr: DNOP         12         10.00         122         70         130           Sample ID: 2108B93-019AMS         SampType: MS         TestCode: EPA Method 8015M/D: Diesel Range Organics           Client ID:         TT-7 2'         Batch ID: 62245         RunNo: 80907           Prep Date:         8/27/2021         Analysis Date: 8/30/2021         SeqNo: 2856106         Units: mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           iesel Range Organics (DRO)         120         9.5         47.39         96.58         59.9         39.3         155           Sur: DNOP         4.5         4.739         96.58         59.9         39.3         155           Sample ID: 2108B93-019AMSD         SampType: MSD         TestCode: EPA Method 8015M/D: Diesel Range Organics         Client ID: TT-7 2'         Batch ID: 62245         RunNo: 80907           Client ID:         TT-7 2'         Batch ID: 62245         RunNo: 80907         Prep Date: 8/27/2021         Analysis Date: 8/30/2021         SeqNo: 2856107         Units: mg/Kg </td <td>Prep Date: 8/27/2021</td> <td>Analysis Date: 8/</td> <td>28/2021</td> <td>5</td> <td>SeqNo: 28</td> <td>354944</td> <td>Units: <b>mg/K</b></td> <td>g</td> <td></td> <td></td>	Prep Date: 8/27/2021	Analysis Date: 8/	28/2021	5	SeqNo: 28	354944	Units: <b>mg/K</b>	g		
ND         50           Surr: DNOP         12         10.00         122         70         130           Sample ID:         2108B93-019AMS         SampType:         MS         TestCode:         EPA Method         8015M/D:         Diesel Range Organics           Client ID:         TT-7         2'         Batch ID:         62245         RunNo:         80907           Prep Date:         8/27/2021         Analysis Date:         8/30/2021         SeqNo:         2856106         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           iesel Range Organics (DRO)         120         9.5         47.39         96.58         59.9         39.3         155         50.0000         130         9.0000         130         9.0000         130         9.0000         130	Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP         12         10.00         122         70         130           Sample ID: 2108B93-019AMS         SampType: MS         TestCode: EPA Method 8015M/D: Diesel Range Organics           Client ID:         TT-7         Batch ID: 62245         RunNo: 80907           Prep Date:         8/27/2021         Analysis Date:         8/30/2021         SeqNo: 2856106         Units: mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           iesel Range Organics (DRO)         120         9.5         47.39         96.58         59.9         39.3         155           Surr: DNOP         4.5         4.739         96.58         59.9         39.3         155           Surr: DNOP         4.5         4.739         94.2         70         130         120           Sample ID: 2108B93-019AMSD         SampType: MSD         TestCode: EPA Method 8015M/D: Diesel Range Organics         Client ID: TT-7 2'         Batch ID: 62245         RunNo: 80907           Prep Date:         8/27/2021         Analysis Date:         8/30/2021         SeqNo: 2856107         Units: mg/Kg           Analyte         Result         PQL	Diesel Range Organics (DRO)									
Sample ID: 2108B93-019AMS       SampType: MS       TestCode: EPA Method 8015M/D: Diesel Range Organics         Client ID:       TT-7 2'       Batch ID: 62245       RunNo: 80907         Prep Date:       8/27/2021       Analysis Date:       8/30/2021       SeqNo: 2856106       Units: mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         iesel Range Organics (DRO)       120       9.5       47.39       96.58       59.9       39.3       155         Surr: DNOP       4.5       4.739       96.58       59.9       39.3       155         Sample ID:       2108B93-019AMSD       SampType: MSD       TestCode: EPA Method 8015M/D: Diesel Range Organics         Client ID:       TT-7 2'       Batch ID: 62245       RunNo: 80907         Prep Date:       8/27/2021       Analysis Date:       8/30/2021       SeqNo: 2856107       Units: mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         iesel Range Organics (DRO)       130       9.8       48.88       96.58       68.2       39.3       155 </td <td>0000</td> <td></td> <td>10.00</td> <td></td> <td>100</td> <td></td> <td>100</td> <td></td> <td></td> <td></td>	0000		10.00		100		100			
Client ID:       TT-7 2'       Batch ID:       62245       RunNo:       80907         Prep Date:       8/27/2021       Analysis Date:       8/30/2021       SeqNo:       2856106       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         iesel Range Organics (DRO)       120       9.5       47.39       96.58       59.9       39.3       155         Surr: DNOP       4.5       4.739       94.2       70       130	Surr: DNOP	12	10.00		122	70	130			
Prep Date:8/27/2021Analysis Date:8/30/2021SeqNo:2856106Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualiesel Range Organics (DRO)1209.547.3996.5859.939.3155Surr: DNOP4.54.73994.270130TestCode: EPA Method 8015M/D: Diesel Range OrganicsColspan="4">Colspan="4"Colspan="4">Colspan="4"Colspan="4"Co	Sample ID: 2108B93-019AMS	SampType: <b>MS</b>	5	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
AnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualiesel Range Organics (DRO)1209.547.3996.5859.939.3155Surr: DNOP4.54.73994.270130TestCode: EPA Method 8015M/D: Diesel Range OrganicsSample ID: 2108B93-019AMSDSampType: MSDTestCode: EPA Method 8015M/D: Diesel Range OrganicsClient ID:TT-7 2'Batch ID: 62245RunNo: 80907Prep Date:8/27/2021Analysis Date:8/30/2021SeqNo: 2856107Units: mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualiesel Range Organics (DRO)1309.848.8896.5868.239.31553.8623.4	Client ID: TT-7 2'	Batch ID: 62	245	F	RunNo: <b>80</b>	907				
Initial Stress         Initia Stress         Initial Stress         Initial	Prep Date: 8/27/2021	Analysis Date: 8/	30/2021	5	SeqNo: 28	356106	Units: mg/K	g		
Surr: DNOP       4.5       4.739       94.2       70       130         Sample ID: 2108B93-019AMSD       SampType: MSD       TestCode: EPA Method 8015M/D: Diesel Range Organics         Client ID:       TT-7 2'       Batch ID: 62245       RunNo: 80907         Prep Date:       8/27/2021       Analysis Date:       8/30/2021       SeqNo: 2856107       Units: mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         iesel Range Organics (DRO)       130       9.8       48.88       96.58       68.2       39.3       155       3.86       23.4	Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: 2108B93-019AMSD       SampType: MSD       TestCode: EPA Method 8015M/D: Diesel Range Organics         Client ID:       TT-7 2'       Batch ID: 62245       RunNo: 80907         Prep Date:       8/27/2021       Analysis Date:       8/30/2021       SeqNo: 2856107       Units: mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         iesel Range Organics (DRO)       130       9.8       48.88       96.58       68.2       39.3       155       3.86       23.4	Diesel Range Organics (DRO)			96.58						
Client ID:         TT-7 2'         Batch ID:         62245         RunNo:         80907           Prep Date:         8/27/2021         Analysis Date:         8/30/2021         SeqNo:         2856107         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           iesel Range Organics (DRO)         130         9.8         48.88         96.58         68.2         39.3         155         3.86         23.4	Surr: DNOP	4.5	4.739		94.2	70	130			
Prep Date:       8/27/2021       Analysis Date:       8/30/2021       SeqNo:       2856107       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         iesel Range Organics (DRO)       130       9.8       48.88       96.58       68.2       39.3       155       3.86       23.4	Sample ID: 2108B93-019AMS	D SampType: MS	SD .	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           iesel Range Organics (DRO)         130         9.8         48.88         96.58         68.2         39.3         155         3.86         23.4	Client ID: TT-7 2'	Batch ID: 62	245	F	RunNo: <b>80</b>	907				
iesel Range Organics (DRO) 130 9.8 48.88 96.58 68.2 39.3 155 3.86 23.4	Prep Date: 8/27/2021	Analysis Date: 8/	30/2021	S	SeqNo: 28	356107	Units: <b>mg/K</b>	g		
	Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP         5.1         4.888         104         70         130         0         0	Diesel Range Organics (DRO)			96.58						
	Surr: DNOP	5.1	4.888		104	70	130	0	0	

Qualifiers:

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

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

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

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2108B93	WO#:
31-Aug-21	

Client:Talon ArtProject:Federal F	tesia °C Com 2H Fed F	С							
Sample ID: mb-62122	SampType: MI		Tes	tCode: E	A Mothod	8015D: Gasc	lino Pana		
Client ID: PBS	Batch ID: 62			RunNo: 80		oursp. Gase	ane Kany	e	
Prep Date: 8/23/2021	Analysis Date: 8/			SegNo: 28		Units: mg/K	'n		
	-			•		-	-		0
Analyte Gasoline Range Organics (GRO)	Result PQL ND 5.0	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100	1000		107	70	130			
Sample ID: Ics-62122	SampType: LC	s	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	e	
Client ID: LCSS	Batch ID: 62	122	F	RunNo: <b>8</b>	0765				
Prep Date: 8/23/2021	Analysis Date: 8/	24/2021	S	SeqNo: 28	349496	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29 5.0	25.00	0	114	78.6	131			
Surr: BFB	1100	1000		115	70	130			
Sample ID: mb-62134	SampType: <b>MI</b>	BLK	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	e	
Client ID: PBS	Batch ID: 62	134	F	RunNo: <b>8</b>	)764				
Prep Date: 8/23/2021	Analysis Date: 8/	24/2021	S	SeqNo: 28	349531	Units: <b>mg/K</b>	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 5.0 980	1000		98.0	70	130			
Sample ID: Ics-62134	SampType: LC	s	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	e	
Client ID: LCSS	Batch ID: 62	134	F	RunNo: <b>8</b>	)764				
Prep Date: 8/23/2021	Analysis Date: 8/	24/2021	S	SeqNo: 28	349534	Units: <b>mg/K</b>	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27 5.0	25.00	0	107	78.6	131			
Surr: BFB	1000	1000		101	70	130			
Sample ID: 2108B93-018ams	SampType: <b>M</b>	6	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	e	
Client ID: TT-6 5'	Batch ID: 62	134	F	RunNo: <b>8</b>	0764				
Prep Date: 8/23/2021	Analysis Date: 8/	24/2021	S	SeqNo: 28	349537	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27 4.7	23.36	0	117	61.3	114			S
Surr: BFB	980	934.6		105	70	130			
Sample ID: 2108B93-018amsc	SampType: M	SD	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	e	
Client ID: TT-6 5'	Batch ID: 62	134	F	RunNo: <b>8</b>	0764				
Prep Date: 8/23/2021	Analysis Date: 8	24/2021	S	SeqNo: 28	349540	Units: <b>mg/K</b>	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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L.		WO#:	2108B93
Hall Env	vironmental Analysis Laboratory, Inc.		31-Aug-21
Client:	Talon Artesia		

Project: Federal FC	C Com 2H	I Fed F	2									
Sample ID: 2108B93-018amsd	SampT	ype: MS	D	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: TT-6 5'	Batch	n <b>I</b> D: 62'	134	R	RunNo: <b>8</b>	0764						
Prep Date: 8/23/2021	Analysis D	ate: <b>8/</b> :	24/2021	S	SeqNo: 2	849540	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)	28	4.9	24.39	0	115	61.3	114	2.74	20	S		
Surr: BFB	1100		975.6		108	70	130	0	0			

#### Qualifiers:

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

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Sample pH Not In Range Р
- RL Reporting Limit

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

WO#:	2108B93
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31-Aug-21

Client: Talon A			~									
Project: Federal	FC Com 2H	Fed F	Ĵ									
Sample ID: mb-62122	SampT	ype: ME	BLK	Tes	tCode: E	PA Method	8021B: Vola	tiles				
Client ID: PBS	Batcl	h ID: 62	122	F	RunNo: <b>8</b>	0765						
Prep Date: 8/23/2021	Analysis D	Date: <b>8/</b> 2	24/2021	S	SeqNo: 2	849538	Units: <b>mg/</b> #	g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	ND	0.025										
Toluene	ND	0.050										
Ethylbenzene	ND	0.050										
Xylenes, Total	ND	0.10	1 000		00.0	70	400					
Surr: 4-Bromofluorobenzene	1.0		1.000		99.9	70	130					
Sample ID: LCS-62122	SampT	ype: <b>LC</b>	S	Tes	tCode: El	PA Method	8021B: Vola	tiles				
Client ID: LCSS	Batcl	h ID: 621	122	F	RunNo: <b>8</b>	0765						
Prep Date: 8/23/2021	Analysis E	Date: <b>8/</b> 3	24/2021	S	SeqNo: 2	849539	Units: <b>mg/</b> #	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.90	0.025	1.000	0	89.7	80	120					
Toluene	0.91	0.050	1.000	0	91.4	80	120					
Ethylbenzene	0.92	0.050	1.000	0	91.9	80	120					
Xylenes, Total	2.7	0.10	3.000	0	91.3	80	120					
Surr: 4-Bromofluorobenzene	1.0		1.000	102 70 130								
Sample ID: mb-62134	SampT	ype: <b>ME</b>	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles				
Client ID: PBS	Batcl	h ID: 62′	134	F	RunNo: <b>8</b>	0764						
Prep Date: 8/23/2021	Analysis E	Date: <b>8</b> /2	24/2021	S	SeqNo: 2	849579	Units: <b>mg/</b> #	ģ				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	ND	0.025										
Toluene	ND	0.050										
Ethylbenzene	ND	0.050										
Xylenes, Total	ND	0.10	4 0 0 0				100					
Surr: 4-Bromofluorobenzene	0.88		1.000		87.9	70	130					
Sample ID: Ics-62134	SampT	ype: LC	s	Tes	tCode: E	PA Method	8021B: Vola	tiles				
Client ID: LCSS	Batcl	h ID: 62′	134	F	RunNo: <b>8</b> 1	0764						
Prep Date: <b>8/23/2021</b>	Analysis D	Date: <b>8/</b> 2	24/2021	S	SeqNo: <b>2</b> 8	849592	Units: <b>mg/ŀ</b>	g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.87	0.025	1.000	0	86.6	80	120					
Toluene	0.88	0.050	1.000	0	88.1	80	120					
Ethylbenzene	0.91	0.050	1.000	0	90.6	80	120					
Xylenes, Total	2.7	0.10	3.000	0	90.7	80	120					
Surr: 4-Bromofluorobenzene	0.81		1.000		81.4	70	130					

#### **Qualifiers:**

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

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

**Project:** 

# **OC SUMMARY REPORT**

Federal FC Com 2H Fed FC

WO#:	2	108	B93

31-Aug-21

L.	vironmental Analysis Laboratory, Inc.
Client:	Talon Artesia

Sample ID: 2108B93-019am	s Samp	Гуре: <b>МS</b>	3	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: TT-7 2'	Batc	h ID: 62	134	F	RunNo: 8	0764				
Prep Date: 8/23/2021	Analysis [	Date: <b>8</b> /	24/2021	S	SeqNo: 2	849622	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.024	0.9681	0	94.5	80	120			
Toluene	0.96	0.048	0.9681	0	99.0	80	120			
Ethylbenzene	0.99	0.048	0.9681	0	102	80	120			
Xylenes, Total	3.0	0.097	2.904	0	103	80	120			
Aylonoo, rotar										
Surr: 4-Bromofluorobenzene	0.80		0.9681		82.6	70	130			
•		Гуре: МS		Tes			130 8021B: Volat	iles		
Surr: 4-Bromofluorobenzene	sd Samp	Гуре: <b>М\$</b> h <b>I</b> D: <b>62</b>	SD			PA Method		iles		
Surr: 4-Bromofluorobenzene	sd Samp	h ID: 62	SD 134	F	tCode: El	PA Method 0764				
Surr: 4-Bromofluorobenzene Sample ID: 2108B93-019am Client ID: TT-7 2'	sd Samp <sup>-</sup> Batc	h ID: 62	SD 134 24/2021	F	tCode: El	PA Method 0764	8021B: Volat		RPDLimit	Qual
Surr: 4-Bromofluorobenzene Sample ID: 2108B93-019ams Client ID: TT-7 2' Prep Date: 8/23/2021	sd Samp <sup>-</sup> Batc Analysis [	h ID: 62 Date: 8/	SD 134 24/2021	F	tCode: EF RunNo: 8 SeqNo: 28	PA Method 0764 849623	8021B: Volat Units: mg/K	g	RPDLimit 20	Qual
Surr: 4-Bromofluorobenzene Sample ID: 2108B93-019am Client ID: TT-7 2' Prep Date: 8/23/2021 Analyte Benzene	<b>sd</b> Samp <sup>-</sup> Batc Analysis I Result	h ID: 62 Date: 8/	5D 134 24/2021 SPK value	F S SPK Ref Val	tCode: Ef RunNo: 8 SeqNo: 2 %REC	PA Method 0764 849623 LowLimit	8021B: Volat Units: mg/K HighLimit	g %RPD	= =	Qual
Surr: 4-Bromofluorobenzene Sample ID: 2108B93-019ams Client ID: TT-7 2' Prep Date: 8/23/2021 Analyte Benzene Toluene	sd Samp <sup>-</sup> Batc Analysis I <u>Result</u> 0.96	h ID: 62 Date: 8/ PQL 0.024	5D 134 24/2021 SPK value 0.9756	F SPK Ref Val 0	tCode: EF RunNo: 86 SeqNo: 26 %REC 98.1	PA Method 0764 849623 LowLimit 80	8021B: Volat Units: mg/K HighLimit 120	<b>g</b> <u>%RPD</u> 4.50	20	Qual
Surr: 4-Bromofluorobenzene Sample ID: 2108B93-019am Client ID: TT-7 2' Prep Date: 8/23/2021 Analyte	sd Samp <sup>-</sup> Batc Analysis I <u>Result</u> 0.96 1.0	h ID: 62 Date: 8/ PQL 0.024 0.049	5D 134 24/2021 SPK value 0.9756 0.9756	F S SPK Ref Val 0 0	tCode: EF RunNo: 8 SeqNo: 2 %REC 98.1 103	PA Method 0764 849623 LowLimit 80 80	8021B: Volat Units: mg/K HighLimit 120 120	<b>9</b> %RPD 4.50 4.37	20 20	Qual

Qualifiers:

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- D Sample Diluted Due to Matrix
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- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Sample pH Not In Range Р
- RL Reporting Limit

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Page	1	05	01	f	124

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	D: 10/25/2021 All NVIRONMEN NALYSIS ABORATORY	TAL	TEL: 505-3	nmental Analy. 490 Albuquerq 45-3975 FAX: lients.hallenvir	l Hawkin ue, NM 8 505-345-	7109 <b>Sar</b> 4107	nple Log-In C	Page 1 Check List
Client Na	me: Talon Ar	tesia	Work Order N	lumber: 2108	B93		RcptNo:	1
Received	By: Cheyen	ne Cason	8/21/2021 8:50	:00 AM		Chul		
Completed	d By: Desiree	Dominguez	8/21/2021 10:3	8:27 AM		TD		
Reviewed	By: JNS	23/21						
<u>Chain of</u>	Custody							
1. Is Chair	n of Custody con	nplete?		Yes	$\checkmark$	No 🗌	Not Present	
2. How wa	is the sample de	livered?		Cour	ier			
<u>Log In</u> 3. Was an	attempt made to	o cool the samples	?	Yes	$\checkmark$	No 🗌	NA 🗌	
4. Were all	samples receiv	ed at a temperatur	e of >0° C to 6.0°C	Yes	$\checkmark$	No 🗌	NA 🗌	
5. Sample	(s) in proper con	tainer(s)?		Yes	$\checkmark$	No 🗌		
6. Sufficien	t sample volume	e for indicated test	(s)?	Yes	<b>V</b>	No 🗌		
7. Are sam	ples (except VO	A and ONG) prope	erly preserved?	Yes	$\checkmark$	No 🗌		
8. Was pre	servative added	to bottles?		Yes		No 🗹	NA 🗌	
9. Received	d at least 1 vial v	vith headspace <1	/4" for AQ VOA?	Yes		No 🗌	NA 🔽	
10. Were ar	ny sample contai	ners received brok	ken?	Yes		No 🗹	# of preserved	/
	perwork match b screpancies on c	oottle labels? hain of custody)		Yes	$\checkmark$	No 🗌	bottles checked for pH: (<2 or	>12 unless noted)
12. Are matr	ices correctly ide	entified on Chain o	f Custody?	Yes	$\checkmark$	No 🗌	Adjusted?	
13. Is it clea	r what analyses	were requested?		Yes	$\checkmark$	No 🗌		
	holding times al tify customer for			Yes	$\checkmark$	No 🗌	Checked by:	PA 8.23.
Special Ha	andling (if ap	oplicable)						
15. Was clie	ent notified of all	discrepancies with	this order?	Yes		No 🗌	NA 🗹	
	erson Notified:		D	ate:		Handd Noracle own falcour		
	Whom:		V	ia: 🗌 eMa	il 🗌 P	hone 🗌 Fax	In Person	
	egarding: ient Instructions:			Construction of the Name of Street				
16. Additior		2						
17. <u>Cooler</u>	Information er No Temp %	C Condition	Seal Intact Seal N	o Seal Da	te	Signed By		
1	0.3	Good	Sear maor Sear N	o Sear Da	le	Signed By		

C	hain	-of-Cu	Chain-of-Custody Record	Turn-Around Time:	Time:	3-Day			
Client:	Talon LPE	ЪЕ		□ Standard	□ Rush			ALL ENVIRONMENIAL ANALYSTS LABORATODY	in.
	R			Project Name:	ö			www.hallenvironmental.com	l by 0
Mailing	Mailing Address:		408 W. Texas Ave	Federal FC Co	Com #2H (Fed FC)	d FC)	4901 H	4901 Hawkins NE - Albuquerque, NM 87109	CD:
Artesia, NM		88210		Project #:			Tel. 50	10	10/2
Phone #:	¥:	575.746.8768	.8768		700438.247.01	01	14 14 14 14 14 14 14 14 14 14 14 14 14 1	Anal	25/2
email or Fax#:	r Fax#:			Project Manager:	iger:				021
QA/QC F	QA/QC Package:								<b>9:0</b> 7
□ Standard	dard		Level 4 (Full Validation)		R.Pons		U .		7:56
Accreditation:	tation:	□ Az Co	Az Compliance	Sampler:	M.Collier		<u>ح</u> –		PM
D NELAC	AC	□ Other		On Ice:	لم Yes	□ No	- 0		-
□ EDD (Type)	(Type)_			# of Coolers:	)		) -		
				Cooler Temp(including CF): O	(including CF); O	3-0=0,3			
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	2108 893	м нат лоа		
8/16/2021	11:00	Soil	TT-1 3'	Glass/1	Ice/Cool	100-	× × ×		
	11:05	_	TT-1 4'	)	/	-002	$\langle \langle \langle \rangle$		
	11:10		TT-1 5'		$\frown$	- 003	$\langle \rangle \rangle$		
	11:33		TT-2 2'		/	-004			
	11:36		TT-2 3'			-005			
	11:39		TT-2 4'			-006			
8/17/2021	10:30		TT-3 2'			100-			
-	10:33		TT-3 3'		(	-00 8	$\langle   \rangle$		
	10:36		TT-3 4'			-009			
	11:00		TT-4 2'			-010			
	11:03		TT-4 3'		(	110 -			
	11:06		TT-4 4'	1	ſ	-012	7 7 1		
Date: 1	Time:	Relinquished by:	ed by:	Received by: $\bigwedge_{\Lambda}$	Via:		Remarks: Dir	Remarks: Direct Bill to EOG Resources. ATTN: Chase Settle	
12/05/	([30	NA	1 Wills	JUJU		7	-		P
Late:	lime:	Relinquished by:	ed by:	Received by:		Date	(		age 1
16/01	19UU	N/N		Cle C	con 8/211	21/4 0850	16 10F3		06
-	f necessary,	, samplés súb	wmitted to Hall Environmental may be subc	contracted to other a	ccredited laboratori	es. This serves as notice of thi	s possibility. Any su	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	of 124

	ENVIRONMENTAL STORY		27100																				1	ige 107
	HALL ENVIRO		kins NF - Alburuterratie NM 87100		Inal																		Remarks: Direct Bill to EOG Resources. ATTN: Chase Settle	
			4901 Hawkins NF	Tel. 505-				U	<u>-</u> ح	- c	) -		р Ф о И	××	-								arks: Direct	2042
				Т			1			1.111		<u>е</u>	⊢ш×	×	-								Rem	P
3-Day	_		d FC)		01					ON 🗆		3-0:03	2108 893	-013	- 014	-015	-016	10-	\$10 -	610-			12	S/21/21 0550
Time:			Com #2H(Fed FC)		700438.247.01	iger:		R.Pons	M.Collier	Da Yes	/	4	Preservative Type	Ice/Cool						and a state of the			Via:	Cen 81
Turn-Around T	□ Standard	Project Name:	Federal FC C	Project #:		Project Manag			Sampler:	On Ice:	# of Coolers:	Cooler Temp(including CF):	Container Type and #	Glass/1	_								Received by:	received by.
Chain-of-Custody Record			408 W. Texas Ave		3768			Level 4 (Full Validation)	npliance				Sample Name	TT-5 2'	TT-5 3'	ТТ-6 2'	TT-6 3'	TT-6 4'	TT-6 5'	TT-7 2'			by:	All RALE CEC CON Stal a 0850 Pr 20+2
-of-Cu	ЪЕ		10	88210	575.746.8768		No. of Control of Cont		Az Compliance	□ Other			Matrix	Soil	ļ								Relinquished by	C V V
hain	Talon LPE		Mailing Address:		÷	Fax#:	ackage:	dard	ation:	SC	EDD (Type)		Time	11:30	11:33	2:40	2:43	9:10	2:50	10:30			Time:   A,0 Timo:	100
S	Client:		Mailing	Artesia, NM	Phone #:	email or Fax#:	QA/QC Package:	□ Standard	Accreditation:				Date	8/18/2021	~	maana	~	8/18/2021	8/19/2021	)			 V W W	5



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

September 30, 2021

Rebecca Pons Talon Artesia 408 West Texas Ave Artesia, NM 88210 TEL: FAX:

RE: Federal FC Com 2

OrderNo.: 2109B79

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 9 sample(s) on 9/22/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analys	sis Laboratory, I	Inc.			Analytical Report Lab Order 2109B79 Date Reported: 9/30/20	21
CLIENT: Talon Artesia Project: Federal FC Com 2			ient Sample I			
Lab ID: 2109B79-001	Collection Date: 9/13/2021 11:15:00 AN           Matrix: SOIL         Received Date: 9/22/2021 7:10:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	2300	150	mg/Kg	50	9/27/2021 8:19:44 AM	62820
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS				Analys	: SB
Diesel Range Organics (DRO)	68	9.4	mg/Kg	1	9/28/2021 10:57:45 AM	62781
Motor Oil Range Organics (MRO)	87	47	mg/Kg	1	9/28/2021 10:57:45 AM	<b>1</b> 62781
Surr: DNOP	94.1	70-130	%Rec	1	9/28/2021 10:57:45 AN	<b>1</b> 62781
EPA METHOD 8015D: GASOLINE RAI	NGE				Analys	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/23/2021 9:21:51 PM	62766
Surr: BFB	121	70-130	%Rec	1	9/23/2021 9:21:51 PM	62766
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	0.028	0.024	mg/Kg	1	9/23/2021 9:21:51 PM	62766
Toluene	0.20	0.049	mg/Kg	1	9/23/2021 9:21:51 PM	62766
Ethylbenzene	0.27	0.049	mg/Kg	1	9/23/2021 9:21:51 PM	62766
Xylenes, Total	0.26	0.097	mg/Kg	1	9/23/2021 9:21:51 PM	62766
Surr: 4-Bromofluorobenzene	96.7	70-130	%Rec	1	9/23/2021 9:21:51 PM	62766

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

### \* Qualifiers:

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

Page 1 of 13

- Р RL Reporting Limit

Hall Environmental Analy	sis Laboratory,	Inc.			Analytical Report Lab Order 2109B79 Date Reported: 9/30/20	21
CLIENT: Talon Artesia		CI	ient Sample II	<b>):</b> TT	-7 6'	
Project: Federal FC Com 2	<b>Collection Date:</b> 9/13/2021 11:30:00 AM					
Lab ID: 2109B79-002	Matrix: SOIL Received Date: 9/22/2021 7:10:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	4400	150	mg/Kg	50	9/27/2021 8:32:08 AM	62820
EPA METHOD 8015M/D: DIESEL RAM	IGE ORGANICS				Analyst	: SB
Diesel Range Organics (DRO)	88	9.1	mg/Kg	1	9/27/2021 11:38:49 AM	62781
Motor Oil Range Organics (MRO)	300	45	mg/Kg	1	9/27/2021 11:38:49 AM	62781
Surr: DNOP	95.1	70 <b>-</b> 130	%Rec	1	9/27/2021 11:38:49 AM	62781
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	: NSB
Gasoline Range Organics (GRO)	6.1	4.7	mg/Kg	1	9/23/2021 9:45:18 PM	62766
Surr: BFB	126	70-130	%Rec	1	9/23/2021 9:45:18 PM	62766
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	0.033	0.023	mg/Kg	1	9/23/2021 9:45:18 PM	62766
Toluene	0.28	0.047	mg/Kg	1	9/23/2021 9:45:18 PM	62766
Ethylbenzene	0.43	0.047	mg/Kg	1	9/23/2021 9:45:18 PM	62766
Xylenes, Total	0.40	0.093	mg/Kg	1	9/23/2021 9:45:18 PM	62766
Surr: 4-Bromofluorobenzene	97.7	70-130	%Rec	1	9/23/2021 9:45:18 PM	62766

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

### \* Qualifiers:

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  - Value above quantitation range
- J Analyte detected below quantitation limits Sample pH Not In Range

Page 2 of 13

- Р RL Reporting Limit

Hall Environmental Analy	vsis Laboratory, I	Inc.				Analytical Report Lab Order 2109B79 Date Reported: 9/30/20	21
CLIENT: Talon Artesia		C	lient Sa	ample II	<b>D:</b> TT	-7 8'	
Project: Federal FC Com 2	<b>Collection Date:</b> 9/13/2021 11:33:00 AM						
Lab ID: 2109B79-003	Matrix:         SOIL         Received Date: 9/22/2021 7:10:00 AM					2/2021 7:10:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	2200	150		mg/Kg	50	9/28/2021 1:29:53 AM	62839
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS					Analyst	: SB
Diesel Range Organics (DRO)	570	95		mg/Kg	10	9/24/2021 2:21:24 PM	62781
Motor Oil Range Organics (MRO)	1500	480		mg/Kg	10	9/24/2021 2:21:24 PM	62781
Surr: DNOP	0	70 <b>-</b> 130	S	%Rec	10	9/24/2021 2:21:24 PM	62781
EPA METHOD 8015D: GASOLINE RA	ANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	8.1	4.6		mg/Kg	1	9/23/2021 10:08:52 PM	62766
Surr: BFB	140	70-130	S	%Rec	1	9/23/2021 10:08:52 PM	62766
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.023		mg/Kg	1	9/23/2021 10:08:52 PM	62766
Toluene	0.26	0.046		mg/Kg	1	9/23/2021 10:08:52 PM	62766
Ethylbenzene	0.57	0.046		mg/Kg	1	9/23/2021 10:08:52 PM	62766
Xylenes, Total	0.53	0.092		mg/Kg	1	9/23/2021 10:08:52 PM	62766
Surr: 4-Bromofluorobenzene	98.6	70-130		%Rec	1	9/23/2021 10:08:52 PM	62766

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

### \* Qualifiers:

- D Sample Diluted Due to Matrix
- Value exceeds Maximum Contaminant Level. H Holding times for preparation or analysis exceeded
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- J Analyte detected below quantitation limits Sample pH Not In Range

Page 3 of 13

- Р
- RL Reporting Limit

Hall Environmental Analy	vsis Laboratory, I	Inc.				Analytical Report Lab Order 2109B79 Date Reported: 9/30/20	21
CLIENT: Talon Artesia		C	ient Sa	ample II	<b>D:</b> TT	-7 10'	
Project: Federal FC Com 2	Collection Date: 9/13/2021 11:40:00 AM						
Lab ID: 2109B79-004	Matrix: SOIL		Recei	ved Dat	<b>e:</b> 9/2	2/2021 7:10:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	2100	150		mg/Kg	50	9/28/2021 1:42:17 AM	62839
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS					Analyst	: SB
Diesel Range Organics (DRO)	610	190		mg/Kg	20	9/24/2021 2:45:15 PM	62781
Motor Oil Range Organics (MRO)	1700	950		mg/Kg	20	9/24/2021 2:45:15 PM	62781
Surr: DNOP	0	70 <b>-</b> 130	S	%Rec	20	9/24/2021 2:45:15 PM	62781
EPA METHOD 8015D: GASOLINE RA	ANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	5.0	4.7		mg/Kg	1	9/23/2021 10:32:37 PM	62766
Surr: BFB	139	70-130	S	%Rec	1	9/23/2021 10:32:37 PN	62766
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.023		mg/Kg	1	9/23/2021 10:32:37 PN	62766
Toluene	0.052	0.047		mg/Kg	1	9/23/2021 10:32:37 PM	62766
Ethylbenzene	0.33	0.047		mg/Kg	1	9/23/2021 10:32:37 PM	62766
Xylenes, Total	0.20	0.093		mg/Kg	1	9/23/2021 10:32:37 PN	62766
Surr: 4-Bromofluorobenzene	97.9	70 <b>-</b> 130		%Rec	1	9/23/2021 10:32:37 PN	62766

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

### \* Qualifiers:

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- Value exceeds Maximum Contaminant Level. H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank Е
  - Value above quantitation range
- J Analyte detected below quantitation limits

Page 4 of 13

- Р Sample pH Not In Range
- RL Reporting Limit

Hall Environmental Analy	sis Laboratory, I	Inc.				Analytical Report Lab Order 2109B79 Date Reported: 9/30/20	21
CLIENT: Talon Artesia		CI	lient Sa	ample II	<b>D:</b> TT	-7 12'	
Project: Federal FC Com 2	<b>Collection Date:</b> 9/13/2021 11:43:00 AM						
Lab ID: 2109B79-005	Matrix:         SOIL         Received Date: 9/22/2021 7:10:00 AM					2/2021 7:10:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	2200	150		mg/Kg	50	9/28/2021 1:54:42 AM	62839
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS					Analyst	: SB
Diesel Range Organics (DRO)	360	99		mg/Kg	10	9/24/2021 3:09:06 PM	62781
Motor Oil Range Organics (MRO)	940	490		mg/Kg	10	9/24/2021 3:09:06 PM	62781
Surr: DNOP	0	70 <b>-</b> 130	S	%Rec	10	9/24/2021 3:09:06 PM	62781
EPA METHOD 8015D: GASOLINE RA	ANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/23/2021 10:56:18 PM	62766
Surr: BFB	118	70-130		%Rec	1	9/23/2021 10:56:18 PM	62766
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.023		mg/Kg	1	9/23/2021 10:56:18 PM	62766
Toluene	ND	0.046		mg/Kg	1	9/23/2021 10:56:18 PM	62766
Ethylbenzene	0.057	0.046		mg/Kg	1	9/23/2021 10:56:18 PM	62766
Xylenes, Total	ND	0.092		mg/Kg	1	9/23/2021 10:56:18 PM	62766
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	9/23/2021 10:56:18 PM	62766

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

### \* Qualifiers:

- D Sample Diluted Due to Matrix
- Value exceeds Maximum Contaminant Level. H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank Е
  - Value above quantitation range
- J Analyte detected below quantitation limits

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- Р Sample pH Not In Range
- RL Reporting Limit

Hall Environmental Analy	sis Laboratory,	Inc.			Analytical Report Lab Order 2109B79 Date Reported: 9/30/202	21
CLIENT: Talon Artesia		CI	ient Sample I	<b>D:</b> TT	-7 14'	
Project: Federal FC Com 2		(	Collection Dat	e: 9/1	3/2021 11:50:00 AM	
Lab ID: 2109B79-006	Matrix: SOIL         Received Date: 9/22/2021 7:10:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	1600	60	mg/Kg	20	9/27/2021 11:13:26 AM	62839
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	32	9.3	mg/Kg	1	9/28/2021 11:22:15 AM	62781
Motor Oil Range Organics (MRO)	120	46	mg/Kg	1	9/28/2021 11:22:15 AM	62781
Surr: DNOP	96.5	70-130	%Rec	1	9/28/2021 11:22:15 AM	62781
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	9/23/2021 11:19:45 PM	62766
Surr: BFB	103	70-130	%Rec	1	9/23/2021 11:19:45 PM	62766
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	9/23/2021 11:19:45 PM	62766
Toluene	ND	0.047	mg/Kg	1	9/23/2021 11:19:45 PM	62766
Ethylbenzene	ND	0.047	mg/Kg	1	9/23/2021 11:19:45 PM	62766
Xylenes, Total	ND	0.095	mg/Kg	1	9/23/2021 11:19:45 PM	62766
Surr: 4-Bromofluorobenzene	90.4	70-130	%Rec	1	9/23/2021 11:19:45 PM	62766

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

### \* Qualifiers:

- D Sample Diluted Due to Matrix
- Value exceeds Maximum Contaminant Level. H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits

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- Р Sample pH Not In Range
- RL Reporting Limit

Hall Environmental Analy	ysis Laboratory, ]	Inc.			Analytical Report Lab Order 2109B79 Date Reported: 9/30/20	21
CLIENT: Talon Artesia		Cl	ient Sample II	<b>D:</b> TT	-7 16'	
Project: Federal FC Com 2		(	Collection Dat	<b>e:</b> 9/1	3/2021 11:53:00 AM	
Lab ID: 2109B79-007	Matrix: SOIL         Received Date: 9/22/2021 7:10:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	2200	60	mg/Kg	20	9/27/2021 11:25:50 AM	62839
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	: SB
Diesel Range Organics (DRO)	99	9.8	mg/Kg	1	9/28/2021 11:47:00 AM	62781
Motor Oil Range Organics (MRO)	330	49	mg/Kg	1	9/28/2021 11:47:00 AM	62781
Surr: DNOP	100	70-130	%Rec	1	9/28/2021 11:47:00 AM	62781
EPA METHOD 8015D: GASOLINE R	ANGE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/24/2021 12:53:44 AM	62766
Surr: BFB	109	70-130	%Rec	1	9/24/2021 12:53:44 AM	62766
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	9/24/2021 12:53:44 AM	62766
Toluene	ND	0.048	mg/Kg	1	9/24/2021 12:53:44 AM	62766
Ethylbenzene	ND	0.048	mg/Kg	1	9/24/2021 12:53:44 AM	
Xylenes, Total	ND	0.095	mg/Kg	1	9/24/2021 12:53:44 AM	
Surr: 4-Bromofluorobenzene	90.3	70-130	%Rec	1	9/24/2021 12:53:44 AM	62766

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

### \* Qualifiers:

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

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- Р RL Reporting Limit

Hall Environmental Analy	vsis Laboratory, I	lnc.			Analytical Report Lab Order 2109B79 Date Reported: 9/30/202	21
CLIENT: Talon Artesia			ient Sample II			
Project:Federal FC Com 2Lab ID:2109B79-008	Collection Date: 9/13/2021 12:00:00 PN           Matrix: SOIL         Received Date: 9/22/2021 7:10:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	2300	60	mg/Kg	20	9/27/2021 11:38:15 AM	62839
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/25/2021 3:49:01 AM	62781
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/25/2021 3:49:01 AM	62781
Surr: DNOP	99.8	70 <b>-</b> 130	%Rec	1	9/25/2021 3:49:01 AM	62781
EPA METHOD 8015D: GASOLINE RA	ANGE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/24/2021 1:17:18 AM	62766
Surr: BFB	101	70-130	%Rec	1	9/24/2021 1:17:18 AM	62766
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	9/24/2021 1:17:18 AM	62766
Toluene	ND	0.049	mg/Kg	1	9/24/2021 1:17:18 AM	62766
Ethylbenzene	ND	0.049	mg/Kg	1	9/24/2021 1:17:18 AM	62766
Xylenes, Total	ND	0.097	mg/Kg	1	9/24/2021 1:17:18 AM	62766
Surr: 4-Bromofluorobenzene	88.1	70-130	%Rec	1	9/24/2021 1:17:18 AM	62766

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

### \* Qualifiers:

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

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- Р RL Reporting Limit

Hall Environmental Analy	sis Laboratory, I	lnc.			Analytical Report Lab Order 2109B79 Date Reported: 9/30/202	21
CLIENT: Talon Artesia		CI	ient Sample II	<b>):</b> TT	-7 20'	
Project: Federal FC Com 2		(	Collection Dat	<b>e:</b> 9/1	3/2021 12:03:00 PM	
Lab ID: 2109B79-009	Matrix: SOIL         Received Date: 9/22/2021 7:10:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	ND	60	mg/Kg	20	9/27/2021 11:50:40 AM	62839
EPA METHOD 8015M/D: DIESEL RAI	NGE ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	9/25/2021 4:13:25 AM	62781
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/25/2021 4:13:25 AM	62781
Surr: DNOP	98.2	70 <b>-</b> 130	%Rec	1	9/25/2021 4:13:25 AM	62781
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/24/2021 1:40:53 AM	62766
Surr: BFB	99.3	70-130	%Rec	1	9/24/2021 1:40:53 AM	62766
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	9/24/2021 1:40:53 AM	62766
Toluene	ND	0.048	mg/Kg	1	9/24/2021 1:40:53 AM	62766
Ethylbenzene	ND	0.048	mg/Kg	1	9/24/2021 1:40:53 AM	62766
Xylenes, Total	ND	0.096	mg/Kg	1	9/24/2021 1:40:53 AM	62766
Surr: 4-Bromofluorobenzene	87.4	70-130	%Rec	1	9/24/2021 1:40:53 AM	62766

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

### \* Qualifiers:

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- Value exceeds Maximum Contaminant Level. H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank Е
  - Value above quantitation range
- J Analyte detected below quantitation limits Sample pH Not In Range

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- Р RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:	2109B79
	30-Sep-21

Client: Talon Project: Federa	Artesia I FC Com 2
Sample ID: MB-62820	SampType: MBLK TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 62820 RunNo: 81564
Prep Date: 9/24/2021	Analysis Date: 9/24/2021 SeqNo: 2882323 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND 1.5
Sample ID: LCS-62820	SampType: LCS TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 62820 RunNo: 81564
Prep Date: 9/24/2021	Analysis Date: 9/24/2021 SeqNo: 2882324 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	14 1.5 15.00 0 95.0 90 110
Sample ID: MB-62839	SampType: MBLK TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 62839 RunNo: 81597
Prep Date: 9/27/2021	Analysis Date: 9/27/2021 SeqNo: 2883462 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND 1.5
Sample ID: LCS-62839	SampType: LCS TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 62839 RunNo: 81597
Prep Date: 9/27/2021	Analysis Date: 9/27/2021 SeqNo: 2883463 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	14 1.5 15.00 0 96.5 90 110

Qualifiers:

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

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

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Talon Artesia

Federal FC Com 2

Client:

**Project:** 

Hall Environmental Analysis Laboratory, Inc.

wo	#: <b>2109B79</b>
tory, Inc.	30-Sep-21
TestCode: EPA Method 8015M/D: Diesel Range Organic	s
PupNo: 91570	

Sample ID: LCS-62781	Samp	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics												
Client ID: LCSS	Batc	h ID: 62	781	RunNo: 81579										
Prep Date: 9/23/2021	Analysis [	Date: 9/	/25/2021	S	BeqNo: 2	883289	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Diesel Range Organics (DRO)	49	10	50.00	0	97.5	68.9	135							
Surr: DNOP	4.9		5.000		98.3	70	130							
Sample ID: LCS-62799	Samp	Гуре: <b>LC</b>	s	Tes	tCode: El	PA Method	8015M/D: Die	sel Rang	e Organics					
Client ID: LCSS	Batc	h ID: 62	799	F	RunNo: 8	1579								
Prep Date: 9/23/2021	Analysis [	Date: <b>9</b> /	/24/2021	S	SeqNo: 2	883290	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Surr: DNOP	4.6		5.000		91.3	70	130							
Sample ID: MB-62781	Samp	Гуре: МІ	BLK	Tes	tCode: El	PA Method	8015M/D: Die	sel Rang	e Organics					
Client ID: PBS	Batc	h ID: 62	781	F	RunNo: 8	1579								
Prep Date: 9/23/2021	Analysis [	Date: 9/	/25/2021	S	SeqNo: 2	883292	Units: mg/K	g						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Diesel Range Organics (DRO)	ND	10												
Motor Oil Range Organics (MRO)	ND	50												
Surr: DNOP	10		10.00		103	70	130							
Sample ID: MB-62799	Samp	Гуре: МІ	BLK	Tes	tCode: El	PA Method	8015M/D: Die	sel Rang	e Organics					
Client ID: PBS	Batc	h ID: 62	799	F	RunNo: 8	1579								
			04/0004	,	SegNo: 2	883293	Units: %Rec							
Prep Date: 9/23/2021	Analysis [	Jale. 9	24/2021											
Prep Date: 9/23/2021 Analyte	Analysis [ Result	PQL		SPK Ref Val	•	LowLimit	HighLimit	%RPD	RPDLimit	Qual				

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2109B79 30-Sep-21

Client: Talon A Project: Federal	rtesia FC Com 2									
Sample ID: mb-62766	SampT	ype: ME	3LK	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batcl	h ID: 62	766	F	RunNo: 8	1527				
Prep Date: 9/22/2021	Analysis D	Date: <b>9</b> /	23/2021	S	SeqNo: 2	880290	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		102	70	130			
Sample ID: Ics-62766	SampT	ype: LC	s	Tes	tCode: Ef	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Batcl	h ID: 62	766	F	RunNo: 8	1527				
Prep Date: 9/22/2021	Analysis D	Date: 9/	23/2021	S	SeqNo: 2	880291	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	30	5.0	25.00	0	118	78.6	131			
Surr: BFB	1100		1000		115	70	130			

### Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2109B79 30-Sep-21

Client: Talon A Project: Federal	Artesia FC Com 2									
Sample ID: mb-62766	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	n ID: 62	766	F	RunNo: 8	1527				
Prep Date: 9/22/2021	Analysis E	0ate: <b>9</b> /	23/2021	S	SeqNo: 2	880326	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		89.5	70	130			
Sample ID: LCS-62766	SampT	ype: LC	s	Tes	tCode: Ef	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	n ID: 62	766	F	RunNo: 8	1527				
Prep Date: 9/22/2021	Analysis E	0ate: <b>9</b> /	23/2021	S	SeqNo: 2	880327	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.6	80	120			
Toluene	0.96	0.050	1.000	0	96.2	80	120			
Ethylbenzene	0.97	0.050	1.000	0	96.7	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.4	80	120			
Surr: 4-Bromofluorobenzene	0.94		1.000		94.3	70	130			

### Qualifiers:

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

- Analyte detected in the associated Method Blank в Е
- Value above quantitation range
- Analyte detected below quantitation limits Sample pH Not In Range Р
- RL Reporting Limit

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eceived by OCD: 10/25/2021 9:07:56 PM	HALL ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505-345-3975	Analysis Laboratory 4901 Hawkins NE iquerque, NM 87109 FAX: 505-345-4107 llenvironmental.com	Sample Log-Ir	n Check List
	Client Name: Talon Artesia	Work Order Number:	2109B79	Rcp	tNo: 1
	Received By: Cheyenne Cason Completed By: Sean Livingston Reviewed By: CMC	9/22/2021 7:10:00 AM 9/22/2021 9:01:24 AM 9 ( ЕС/М	Chi 	s-Lost-	
	Chain of Custody 1. Is Chain of Custody complete? 2. How was the sample delivered?		Yes 🗹 N Courier	No 🗌 Not Present [	
	Log In 3. Was an attempt made to cool the samples	5?	Yes 🗹 N	Io 🗌 NA [	
	<ol> <li>Were all samples received at a temperatur</li> </ol>	re of >0° C to 6.0°C	Yes 🗸 N	NA [	
5	5. Sample(s) in proper container(s)?		Yes 🗹 N	lo 🗌	
e	<ol><li>Sufficient sample volume for indicated test</li></ol>	(s)?	Yes 🗹 No	o 🗌	
7	7. Are samples (except VOA and ONG) prope	erly preserved?	Yes 🖌 No	o 🗌	
8	3. Was preservative added to bottles?		Yes 🗌 No	NA 🖸	
S	9. Received at least 1 vial with headspace <1.	/4" for AQ VOA?	Yes 🗌 No	n 🗌 🛛 NA 🔽	
	0. Were any sample containers received brok	ken?	Yes 🗌 N	o ✔ # of preserved bottles checked	
	1. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹 No	o 🗌 for pH: (<	2 or >12 unless noted)
	2. Are matrices correctly identified on Chain o			Adjusted?	
	<ol> <li>Is it clear what analyses were requested?</li> <li>Were all holding times able to be met?</li> </ol>			c Checked by	729/20/21
	(If no, notify customer for authorization.)				Jie (122/2)
<u>Si</u>	pecial Handling (if applicable)				
1	5. Was client notified of all discrepancies with	h this order?	Yes 🗌 No	0 🗌 🛛 NA 🖸	
	Person Notified: By Whom: Regarding: Client Instructions:	Date:	] eMail 🔲 Phone [	Fax In Person	
1	6. Additional remarks:				
1	7. <u>Cooler Information</u> Cooler No Temp °C Condition \$ 1 1.1 Good	Seal Intact Seal No Se	eal Date Signed	1 Ву	

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<b>Received by OCD: 10/25/2021 9:07</b>	7:561		<b>&gt;</b>										-			_							_			
		ENVIRONMENTAL	ANALTSIS LABORATORY	7100	2																				alytical report.	
		INONI/		www.naiienvironmentai.com 4901 Hawkins NF - Albirniarmia NM 87400	Fax 505-345-4107	Analysis Request																	-		y notated on the ar	
		HALL ENV		www.nailenvironmental.com ins NF - Alburutaruia NM 8	975 Fax	Analysis																	EOG		data will be clearl	
	:			ww 101 Hawkins I	Tel. 505-345-3975						Ш	ーш×	×	1									Remarks: Bill direct to EOG		Any sub-contracted	
				49	Ĕ			U	т –	0 0	Ľ –	н ч н о ш о	× ×	1							11		Remarks	,	possibility. /	
	<	<pre>{}</pre>		(Fed FC)			R. Pons		, NI_		0.121.1	HEAL No. ZIOG 3 79	2	200	(ac)	100	Ъ Г	ರ್ನ	100	lc0	500		Date Time	0	Se	
	d Time:			Federal FC Com#2 (Fed FC)	700438.247.01				SS	142	2.	Preservative Type	Soil	-							_		Via: J.A.A.A.	Via: Via:	accredited laboratories.	
	Turn-Around Time:	☐ Standard	Project Name:	<u>е</u>	Project #:		Project Manager:		Sampler:	# of Conters:	Cooler Temp(including CF):	Container Type and #	Glass Jar	_					_		1		Received by:	Received by:	contracted to other a	
	ly Record			Texas Ave				el 4 (Full Validation)	d)			ple Name	TT-7 4'	TT-7 6'	TT-7 8'	TT-7 10'	TT-7 12'	TT-7 14'	TT-7 16'	TT-7 18'	TT-7 20'		1,0		II Environmental may be subc	
	Chain-of-Custody			408 W.		575.746.8768			Az Compliance	D		x Sample										 	shed by:	LCC	If necessary, samples submitted to Hall Environ	
	n-of-C	I LPE		SS:	38210			je:				Matrix	5 Soil	1 0	3	0		0		-	3 1	 	Relinguished by:	Religensmerty:	iry, samples s	
	Chail	t: Talon LPE		Mailing Address:	Artesia, NM 88210	e #:	email or Fax#:	QA/QC Package:	Accreditation:			Time	21 11:15	11:30	11:33	11:40	11:43	11:50	11:53	12:00	12:03		Time:	Time: 1 1900	If necessa	
Released to Imaging: 11/29/2021 2	2:56:0	Clien	M	Mailir	Artes	Phone #	emai	QA/Q	Accre			Date	9/13/2021	1									Dater Qu/ZI	Date: 7 M M		

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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

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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
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Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	57811
	Action Type:
	[C-141] Release Corrective Action (C-141)

### CONDITIONS

Created By	Condition	Condition Date
chensley	None	11/29/2021

Action 57811