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

)

Incident ID	NAPP2101841481
District RP	
Facility ID	
Application ID	

# **Release Notification**

## **Responsible Party**

Responsible Party	Spur Energy Partners	OGRID 328947
Contact Name	Kenny Kidd	Contact Telephone 575-616-5400
Contact email	kkidd@spurepllc.com	Incident # (assigned by OCD)
Contact mailing address 2407 Pecos Drive Artesia, NM 88210		

### **Location of Release Source**

Latitude 32.6458778

*Longitude* -104.4443741 (*NAD 83 in decimal degrees to 5 decimal places*)

Site Name Fairchild 24 #002H	Site Type Production Facility
Date Release Discovered 01/16/2021	API# (if applicable) 30-015-39013

Unit Letter	Section	Township	Range	County
L	24	19S	25E	Eddy

Surface Owner: State Federal Tribal X 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) .5	Volume Recovered (bbls)
X Produced Water	Volume Released (bbls) 4.5	Volume Recovered (bbls) 3.5
	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 Flowline leak on the edge of the of the pad area.

Page 2

## State of New Mexico Oil Conservation Division

Incident ID	NAPP2101841481
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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

 $\mathbf{x}$  The source of the release has been stopped.

 $\Box$  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.

X 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: Rebecca Pons	Title: Project Manager
Signature:	Date: 01/18/2021
email: rpons@talonlpe.com	Telephone: <u>575-441-0980</u>
OCD Only	
Received by: Ramona Marcus	Date: <u>3/10/2021</u>

Form C-141 Page 3 State of New Mexico Oil Conservation Division

Incident ID	NAPP2101841481
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.

- **X** Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- × Field data
- Image: Data table of soil contaminant concentration data
- X Depth to water determination
- X Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-mile of the lateral extents of the release
- X Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

Form C-141	n C-141 State of New Mexico			Lucidant ID NA DD2101941491		
D 4	Oil Conservation Division			Incident ID	NAPP2101841481	
Page 4	On Conservation Division			District RP		
				Facility ID		
				Application ID		
regulations all oper public health or the failed to adequate	at the information given above is true and complete to the rators are required to report and/or file certain release noti e environment. The acceptance of a C-141 report by the C y investigate and remediate contamination that pose a thre reptance of a C-141 report does not relieve the operator of	fications and OCD does not at to groundv	perform co relieve the vater, surfa	rrective actions for rel operator of liability sh ce water, human health	eases which may endanger nould their operations have n or the environment. In	
and/or regulations.		Title:	-			
Signature:		Date:	3/11/2020			
email: Rpo	ons@talonlpe.com	Telephone	: 575	-441-0980		
OCD Only Received by:	Ramona Marcus	Dat	te: <u>3/10/</u>	2021		

Form C-141 Page 6 State of New Mexico Oil Conservation Division

Incident ID	nAPP2101841481
District RP	
Facility ID	30-015-39013
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:	Rebecca Pons	Title:	Project Manager	
Signature:	Rebecca Pons	Date:	02/11/2021	
email:	Rpons@talonlpe.com	Telephone	: 575-441-0980	

#### **OCD Only**

Received by: Ramona Marcus

Date: 3/10/2021

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

Closure Approved by:	Date:
Printed Name:	Title:



# **Remediation and Closure Report**

Fairchild 24 #002H Eddy County, New Mexico 30-015-39013 Incident #nAPP2101841481

# **Prepared For:**

Spur Energy Partners 2407 Pecos Drive Artesia, NM 88210

# **Prepared By:**

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

# February 17, 2021

Mike Bratcher **NMOCD** 811 S. 1<sup>st</sup> Street Artesia, NM 88210

Subject: Remediation and Closure Report Fairchild 24 #002H Eddy County, NM API 30-15-39013 Incident # nAPP2101841481

Dear Mr. Bratcher,

Spur Energy Partners has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above-referenced location. The incident description, soil sampling results, remedial actions, and closure request are presented herein.

### Site Information

The Fairchild 24 #002H is located approximately seventeen (17) miles southwest of Artesia, New Mexico. The legal location for this release is Unit Letter L, Section 24, Township 19 South and Range 25 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.6458778 North and -104.4443741 West. A Site 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 Pima silt loam with 0 to 1 percent slopes. The reference soil data is presented in Appendix II. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is Holocene to middle Pleistocene in age and is comprised of alluvium silt loam. 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 60-feet below ground surface (bgs). See Appendix II for the referenced groundwater depth. This site is not situated in a Karst area.

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

Approximate Depth to	o Groundwater	60 Feet/BGS
□Yes ⊠No	Within 300 feet of any continuously flowing wate any other significant watercourse	ercourse or
□Yes ⊠No	Within 200 feet of any lakebed, sinkhole or a pla	aya lake
□Yes ⊠No	Within 300 feet from an occupied permanent res school, hospital, institution or church	sidence,
∐Yes ⊠No	Within 500 feet of a spring or a private, domestic well used by less than five households for dome watering purposes	
□Yes ⊠No	Within 1000 feet of any freshwater well or spring	]
∐Yes ⊠No	Within incorporated municipal boundaries or wit municipal freshwater well field covered under a ordinance adopted pursuant to Section 3-2703 I	municipal
□Yes ⊠No	Within 300 feet of a wetland	
□Yes ⊠No	Within the area overlying a subsurface mine	
□Yes ⊠No	Within an unstable area	
□Yes ⊠No	Within a 100-year floodplain	

Because the release did not occur in a karst area, and the depth to groundwater is 50-100 feet deep, based on the site characterization data 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								
51-100 feet	Total Chlorides TPH (GRO+DRO+MRO)	EPA 300.0 or SM4500 CI B EPA SW-846 Method 8015M	10,000 mg/kg 2,500 mg/kg								
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg								
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg								
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg								

**Incident Description** 

On January 16, 2021, Spur Energy personnel discovered a flowline leak located on the edge of the pad area. Approximately 4.5 bbls (barrels). of produced water and .5 bbl. of crude were released onto the pad area. Approximately 3.5 bbls. of fluid were recovered. Talon LPE was contacted for immediate assessment of the site. The site map is presented in Appendix I.

### Site Assessment

On January 19, 2021, Talon mobilized personnel to the site and conducted the initial site assessment. Utilizing a hand auger there were nine (9) sample positions designated in the footprint of the spill area. All soil was properly collected, contained, preserved, and transported to Hall Analysis Laboratory 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 site plan and the results of our sampling event are presented in the following data table.

Sample ID	Sample Date	Depth ft. (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		50 mg/kg	10 mg/kg	comb	+ GRO ined = mg/kg		2500 mg/kg	10000 mg/kg
S-1	1/19/2021	0-1'	ND	ND	ND	ND	ND	-	ND
S-2	1/19/2021	0-1'	ND	ND	ND	ND	ND	-	1100
S-3	1/19/2021	0-1'	ND	ND	ND	ND	ND	-	7300
S-4	1/19/2021	0-1'	ND	ND	ND	ND	ND	-	420
S-5	1/19/2021	0-1'	ND	ND	ND	ND	ND	-	220
	1/19/2021	0-1'	ND	ND	ND	ND	ND	-	140
S-6	1/19/2021	2'	ND	ND	ND	ND	ND	-	200
	1/19/2021	3'	ND	ND	ND	ND	ND	-	710
	1/19/2021	0-1'	ND	ND	29	420	200	649	5300
S-7	1/19/2021	2'	ND	ND	ND	ND	ND	-	690
3-7	1/19/2021	3'	ND	ND	ND	ND	ND	-	840
	1/19/2021	4'	ND	ND	ND	ND	ND	-	510
	1/19/2021	0-1'	ND	ND	900	<mark>3100</mark>	1400	<mark>5400</mark>	7600
S-8	1/19/2021	2'	ND	ND	ND	13	ND	13	670
3-0	1/19/2021	3'	ND	ND	ND	37	ND	37	250
	1/19/2021	4'	ND	ND	ND	ND	ND	-	ND
	1/19/2021	0-1′	ND	ND	ND	ND	ND	-	4200
S-9	1/19/2021	2′	ND	ND	ND	ND	ND	-	930
2-3	1/19/2021	3'	ND	ND	ND	ND	ND	-	350
	1/19/2021	4'	ND	ND	ND	ND	ND	-	99

01-21-21 Soil Sample Laboratory Results

ND=Analyte Not Detected

See Appendix V for the complete report of laboratory results.

On January 29, 2020, Talon personnel and equipment mobilized to the Fairchild 24 #002H in order to excavate the impacted areas of concern. The footprint of the spill area was excavated from depths of 0.5' to 2' respectively. Confirmation composite soil samples were collected, jarred, preserved and transported to Hall Environmental Analysis Laboratory for analyses of Total Chlorides (EPA Method 300.0), TPH (EPA Method 8015M), and BTEX (EPA Method 8021B). Sample locations are shown on the attached site plan and the results of our sampling event are presented in the following data table.

Sample ID	Sample Date	Depth ft. (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		50 mg/kg	10 mg/kg	comb	+ GRO ined = mg/kg		2500 mg/kg	10000 mg/kg
S-2A	1/19/2021	.5'	ND	ND	ND	ND	ND	-	970
S-3A	1/19/2021	1'	ND	ND	ND	ND	ND	-	880
S-4A	1/19/2021	.5'	ND	ND	ND	ND	ND	-	1100
S-5A	1/19/2021	.5'	ND	ND	ND	ND	ND	-	540
S-6A	1/19/2021	.5'	ND	ND	ND	ND	ND	-	77
S-7A	1/19/2021	2′	ND	ND	ND	ND	ND	-	1100
S-8A	1/19/2021	2′	ND	ND	ND	ND	ND	-	440
S-9A	1/19/2021	2′	ND	ND	ND	ND	ND	_	100

02-04-21 Soil Sample Laboratory Results

ND=Analyte Not Detected

See Appendix V for the complete report of laboratory results.

### **Remedial Actions**

- The impacted areas around S-2,S-4 thru S-6 were excavated to a depth of 0.5', while the areas of S-3, and S-7 thru S-9 were excavated to depths of 1' to 2' bgs.
- All surface impacted soil and visual staining was excavated and disposed of at Lea Land, LLC, a NMOCD approved solid waste disposal facility.
- Confirmation composite soil samples were collected in order to verify analyte levels were below NMOCD remediation guidelines,
- Fresh caliche, similar in grade was used to backfill the location. The pad area was machine compacted and restored to surrounding grade.

### Closure

Based on this site characterization, remedial actions completed, and analytical results, we request that no further actions be required, and that closure with regard to the attached incident be granted.

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

Respectfully submitted,

TALON/LPE

Rebecca Pons	Digitally signed by Rebecca Pons DN: cn=Rebecca Pons, o=Talon IPE, ou=Artesia, email=Rpons@talonIpe.com, c=US Date: 2021.03.03 13:55:18-07'00'
Rebecca	Pons
Senior Pr	oject Manager

David J. Adkins

David J. Adkins Regional Manager

Attachments:

Appendix I Site Maps, Karst Map, TOPO Map

Appendix II Groundwater Data, Soil Survey

Appendix III Initial and Final C-141's

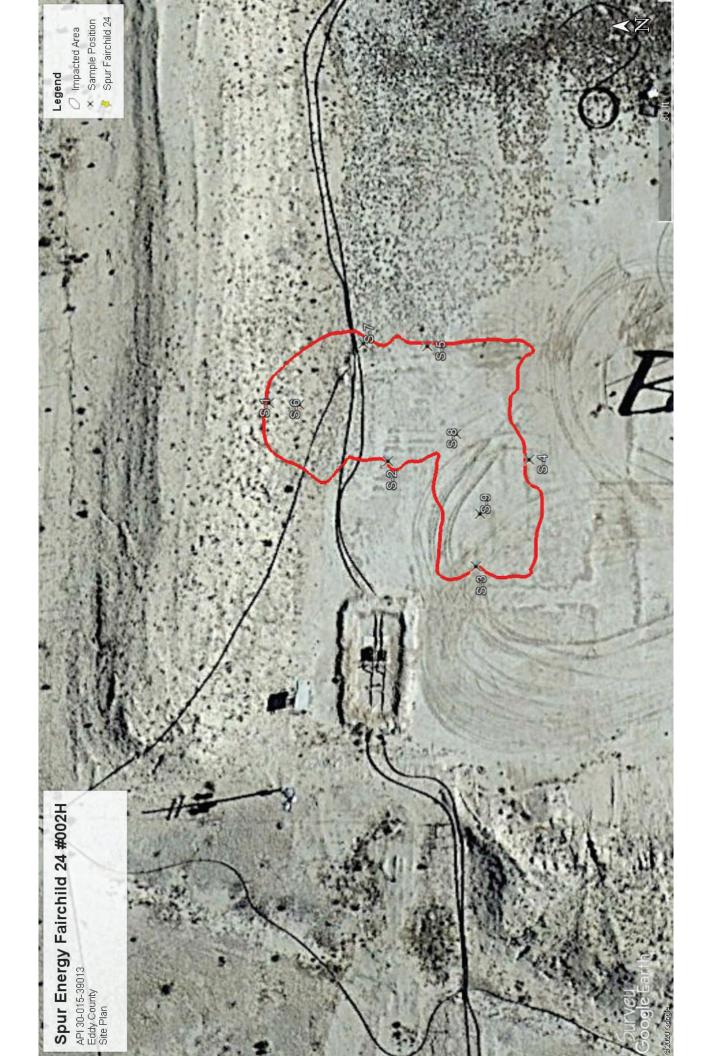
Appendix IV Photo Documentation

Appendix V Laboratory Analytical Data

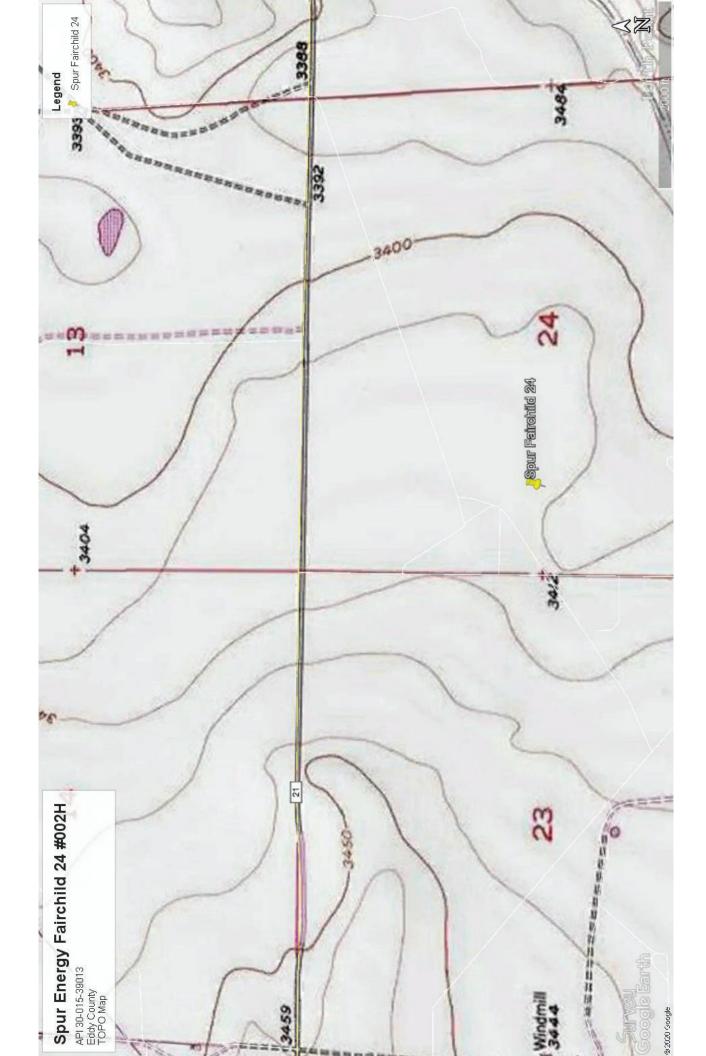


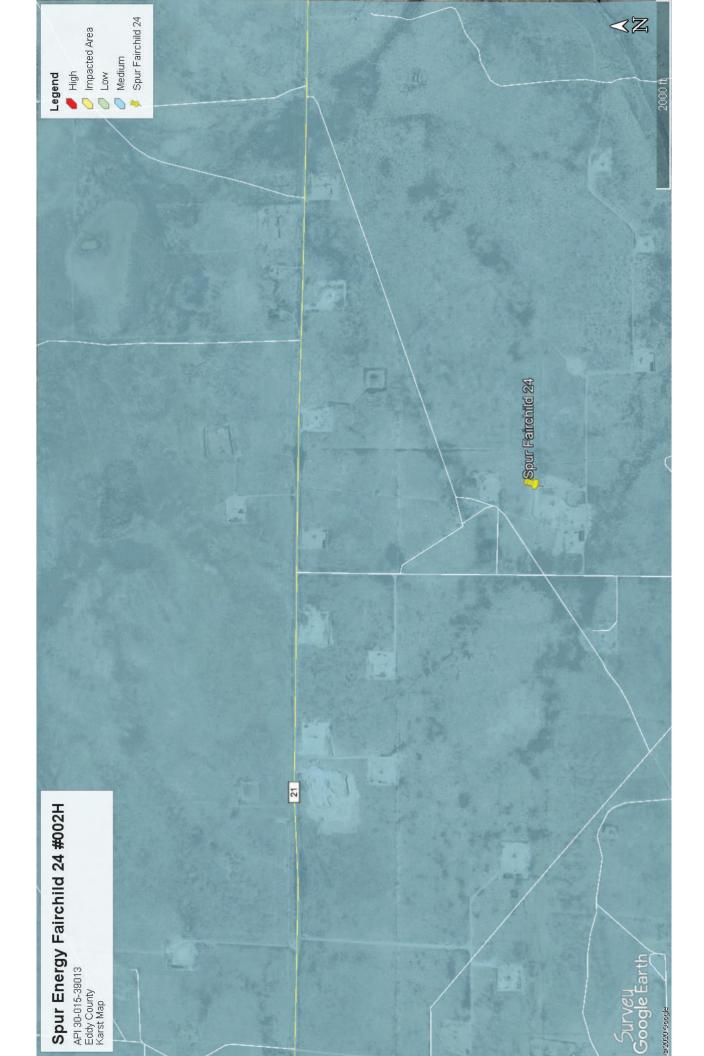
# **APPENDIX I**

# SITE MAPS











# APPENDIX II

# SOIL SURVEY, GROUNDWATER DATA



#### Custom Soil Resource Report Soil Map

9

### Eddy Area, New Mexico

#### PM—Pima silt loam, 0 to 1 percent slopes

#### **Map Unit Setting**

National map unit symbol: 1w56 Elevation: 600 to 4,200 feet Mean annual precipitation: 8 to 25 inches Mean annual air temperature: 60 to 70 degrees F Frost-free period: 195 to 290 days Farmland classification: Farmland of statewide importance

#### **Map Unit Composition**

*Pima and similar soils:* 98 percent *Minor components:* 2 percent *Estimates are based on observations, descriptions, and transects of the mapunit.* 

#### **Description of Pima**

#### Setting

Landform: Alluvial fans, alluvial flats, flood plains Landform position (three-dimensional): Rise, talf Down-slope shape: Linear, convex Across-slope shape: Linear, convex Parent material: Alluvium

#### **Typical profile**

H1 - 0 to 3 inches: silt loam H2 - 3 to 60 inches: silty clay loam

#### **Properties and qualities**

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: RareNone
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water capacity: High (about 11.9 inches)

#### Interpretive groups

Land capability classification (irrigated): 1 Land capability classification (nonirrigated): 7c Hydrologic Soil Group: C Ecological site: R042XC017NM - Bottomland Hydric soil rating: No

#### **Minor Components**

#### Dev

Percent of map unit: 1 percent

*Ecological site:* R042XC017NM - Bottomland *Hydric soil rating:* No

## Reagan

Percent of map unit: 1 percent Ecological site: R042XC007NM - Loamy Hydric soil rating: No



(A CI W##### in the

# New Mexico Office of the State Engineer Water Column/Average Depth to Water

(R=POD has POD suffix indicates been replaced. the POD has been O=orphaned, replaced & no longer (quarters are 1=NW 2=NE 3=SW 4=SE) serves a water right C=the file is (quarters are smallest to file.) closed) (NAD83 UTM in meters) (In feet) largest) POD Sub-QQQ Water **POD Number** basin County 6416 4 Sec Tws Rng DistanceDepthWellDepthWaterColumn Code Х γ ED 4 3 4 13 19S 25E 552979 3613115\* 🎑 1285 250 RA 09295 RA 85 165 RA 09293 RA ED 3 4 4 13 19S 25E 553180 3613114\* 🧲 1428 250 60 190 RA 09294 RA ED 3 4 4 13 19S 25E 553180 3613114\* 🧯 1428 194 76 118 RA 08611 RA FD 19 19S 26F 553583 3612909\* 🧃 235 90 145 1 1 1648 1 RA 08612 RA ED 1 2 1 19 19S 26E 553989 3612912\* 🧉 2020 221 80 141 RA 09988 RA ED 2 4 19 19S 26E 554190 3612507\* 2106 100 65 35 1 RA ED 3 3 4 25 25E 19S 552801 3609865\* 2402 110 40 70 RA 10496 RA ED 4 3 4 25 19S 25E 225 RA 10155 553001 3609865\* 🧯 2467 60 165 RA 07817 RA ED 2 1 2 19 19S 26E 554592 3612915\* 🧧 2591 224 145 79 RA 07817 CLW RA ED 2 1 2 19 19S 26E 554592 3612915\* 🧯 2591 275 130 145 <u>RA 0907</u>7 RA FD 2 1 2 19 19S 26F 554592 2591 200 3612915\* RA 07026 RA ED 3 3 30 19S 26E 553699 3609975\* 🧉 2706 135 105 30 RA 05450 RA CH 2 15 19S 25E 550057 3614015\* 🧯 2763 204 80 124 4 RA 01343 RA ED 2 1 1 18 19S 26E 553777 3614525\* 🧃 2887 440 69 371 RA 10262 RA FD 2 2 2 19 19S 26F 554994 3612917\* 2979 200 85 115 RA 02909 RA ED 1 3 22 19S 25E 548864 3611989\* 🧯 3251 188 130 58 RA 10002 RA ED 2 2 1 31 19S 26E 554208 3609675\* 🧯 3256 200 95 105 RA ED 25E RA 03304 27 19S 549081 3610973\* 🧃 3256 130 60 70 1 RA 08986 RA ED 1 3 3 22 19S 25E 548825 3611507 🧉 3351 320 220 100 RA 09451 RA ED 3 4 20 19S 26E 556006 3611701\* 3922 200 1 RA ED 1 1 2 20 19S 26E 556001 3612916\* 3961 160 105 55 RA 09050 RA 03018 RA FD 3 2 4 34 19S 25F 549987 3608639\* 4117 530 RA 02958 RA ED 1 4 34 19S 25E 549681 3608740\* 🧉 4200 450 RA 03983 RA CH 4 3 01 19S 25E 552457 4291 375 100 275 3616444\* RA ED RA 05900 2 2 16 19S 25E 548442 3614424\* 🧯 185 95 90 4307 RA ED RA 07128 1 2 2 20 19S 26E 556404 3612913\* 🧯 4357 134 100 34 RA 05916 RA ED 2 2 20 19S 26E 556505 3612814\* 🧃 4441 102 25 77 RA 08962 RA ED 2 2 1 32 19S 26E 555810 3609680\* 4457 300 180 120 RA ED 2 2 2 20 19S 26E 556604 3612913\* 🧉 110 65 RA 01982 4554 45 RA 08074 RA ED 2 2 2 20 19S 26E 556604 3612913\* 🧉 4554 218 1 2 17 19S 26E 556091 475 132 343 RA 05037 RA ED 3614436\* 🧯 4581 RA ED 2 2 2 20 19S 26E 556688 4629 218 90 128 RA 01589 D 3612860 RA 11018 POD1

RA

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556396 3613928\*

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260

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160

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<u>RA 05550</u>	RA	ED	3	1 :	3 32	19S	26E	555209	3608679* 🌍	4664	185	95	90
RA 10949 POD1	RA	ED	3	1 2	2 06	20S	26E	554409	3607867* 🌍	4874	807	71	736
RA 10898 POD1	RA	ED	2	1 :	3 01	20S	25E	552198	3607248* 🌍	4919	810	121	689
									Avera	age Depth to W	ater:	94 fe	et
										Minimum De	pth:	25 fe	et
										Maximum De	pth:	220 fe	et
Record Count:36													
UTMNAD83 Radius Search	(in meter	<u>s):</u>											
Easting (X): 552110.95		Nort	hing	J (Y)	: 361	2166.3	34		Radius: 5000				

#### \*UTM location was derived from PLSS - see Help

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

1/18/21 9:55 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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

0	<b>OD Number</b> A 09293	(quarters a (quarters <b>Q64 Q16</b> 3 4	are smal 5 Q4 Se	lest to large	est) ( <b>Rng</b>	NAD83 UTM in meters) X Y 553180 3613114*	_
Driller Licens	e: 1259	Driller Co	mpany	: CAN	<b>IPBELL</b>	DRILLING	
Driller Name:	CAMPBELL DR	LLING					
Drill Start Dat	te: 11/07/1996	<b>Drill Finis</b>	h Date	: 11	/14/1996	B Plug Date:	
Log File Date	: 11/26/1996	PCW Rcv	Date:			Source:	Shallow
Pump Type:		Pipe Disc	harge \$	Size:		Estimated Y	ield: 14 GPM
Casing Size:	5.00	Depth We	ll:	25	50 feet	Depth Water	r: 60 feet
W	ater Bearing Strati	ications:	Тор	Bottom	Descri	ption	
			77	78	Other/L	Jnknown	
			181	185	Other/L	Jnknown	
	Casing Per	forations:	Тор	Bottom			
			60	90			
			130	192			

#### \*UTM location was derived from PLSS - see Help

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

1/18/21 9:58 AM

POINT OF DIVERSION SUMMARY



# APPENDIX III

# C-141 Forms



# APPENDIX IV

# PHOTOGRAPHIC DOCUMENTATION

## Spur Energy Fairchild 24 #002H

## PHOTO DOCUMENTATION



Impacted area at Flowline source



Aerial



Excavation at S4-S5



View looking North



2' Excavation S7-S8



Backfilled to Grade



# APPENDIX V

# LABORATORY DATA



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

January 28, 2021

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

OrderNo.: 2101763

RE: Fairchild 24 Fee 002H

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 20 sample(s) on 1/21/2021 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,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

#### Date Reported: 1/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Project: Fairchild 24 Fee 002H	Client Sample ID: S-1 0-1' Collection Date: 1/19/2021 12:41:00 PM								
Lab ID: 2101763-001	Matrix: SOIL		Received Date: 1/21/2021 7:48:00 AM						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analyst	: VP			
Chloride	ND	60	mg/Kg	20	1/25/2021 1:11:03 PM	57703			
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	CLP			
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	1/22/2021 9:23:07 AM	57660			
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	1/22/2021 9:23:07 AM	57660			
Surr: DNOP	72.5	30.4-154	%Rec	1	1/22/2021 9:23:07 AM	57660			
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB			
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/23/2021 1:09:06 PM	57656			
Surr: BFB	99.9	75.3-105	%Rec	1	1/23/2021 1:09:06 PM	57656			
EPA METHOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	ND	0.024	mg/Kg	1	1/23/2021 1:09:06 PM	57656			
Toluene	ND	0.049	mg/Kg	1	1/23/2021 1:09:06 PM	57656			
Ethylbenzene	ND	0.049	mg/Kg	1	1/23/2021 1:09:06 PM	57656			
Xylenes, Total	ND	0.098	mg/Kg	1	1/23/2021 1:09:06 PM	57656			
Surr: 4-Bromofluorobenzene	101	80-120	%Rec	1	1/23/2021 1:09:06 PM	57656			

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 24

Date Reported: 1/28/2021

57656

v	J )				F 1/20/20			
CLIENT: Talon Artesia		Cl	ient Sample II	<b>D:</b> S-2	2 0-1'			
Project: Fairchild 24 Fee 002H	Collection Date: 1/19/2021 12:45:00 PM							
Lab ID: 2101763-002	Matrix: SOIL         Received Date: 1/21/2021 7:48:00 AM							
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	1100	60	mg/Kg	20	1/25/2021 1:23:28 PM	57703		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	CLP		
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	1/22/2021 10:33:55 AM	57660		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	1/22/2021 10:33:55 AM	57660		
Surr: DNOP	105	30.4-154	%Rec	1	1/22/2021 10:33:55 AM	57660		
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	1/23/2021 2:21:01 PM	57656		
Surr: BFB	99.8	75.3-105	%Rec	1	1/23/2021 2:21:01 PM	57656		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.024	mg/Kg	1	1/23/2021 2:21:01 PM	57656		
Toluene	ND	0.047	mg/Kg	1	1/23/2021 2:21:01 PM	57656		
Ethylbenzene	ND	0.047	mg/Kg	1	1/23/2021 2:21:01 PM	57656		
Xylenes, Total	ND	0.095	mg/Kg	1	1/23/2021 2:21:01 PM	57656		

101

80-120

%Rec

1

1/23/2021 2:21:01 PM

Hall Environmental Analysis Laboratory, Inc.

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
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

Surr: 4-Bromofluorobenzene

% Recovery outside of range due to dilution or matrix S

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

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#### Date Reported: 1/28/2021

1/23/2021 3:33:17 PM

1/23/2021 3:33:17 PM

1/23/2021 3:33:17 PM

1/23/2021 3:33:17 PM

Batch

57656

57656

57656

57656

	, , , , , , , , , , , , , , , , , , ,				
CLIENT: Talon Artesia		Cl	ient Sample II	D:S-3	0-1'
<b>Project:</b> Fairchild 24 Fee 002H		(	Collection Dat	e: 1/1	9/2021 12:48:00 PM
Lab ID: 2101763-003	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 1/2	1/2021 7:48:00 AM
Analyses	Result	RL	Qual Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst:
Chloride	7300	300	mg/Kg	100	1/26/2021 11:23:23 AM
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst:
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	1/22/2021 10:57:29 AM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	1/22/2021 10:57:29 AM
Surr: DNOP	78.5	30.4-154	%Rec	1	1/22/2021 10:57:29 AM
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst:
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	1/23/2021 3:33:17 PM
Surr: BFB	104	75.3-105	%Rec	1	1/23/2021 3:33:17 PM
EPA METHOD 8021B: VOLATILES					Analyst:
Benzene	ND	0.024	mg/Kg	1	1/23/2021 3:33:17 PM

ND

ND

ND

105

0.048

0.048

0.096

80-120

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

### Hall Environmental Analysis Laboratory, Inc.

\* Value exceeds Maximum Contaminant Level. в **Qualifiers:** 

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

- D Sample Diluted Due to Matrix
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

Toluene

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

% Recovery outside of range due to dilution or matrix S

- 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 3 of 24

#### Date Reported: 1/28/2021

CLIENT: Talon Artesia Project: Fairchild 24 Fee 002H	Client Sample ID: S-4 0-1' Collection Date: 1/19/2021 12:51:00 PM					
Lab ID: 2101763-004	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 1/2	21/2021 7:48:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	420	60	mg/Kg	20	1/25/2021 1:48:17 PM	57703
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	CLP
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	1/22/2021 11:21:09 AM	57660
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	1/22/2021 11:21:09 AM	57660
Surr: DNOP	76.0	30.4-154	%Rec	1	1/22/2021 11:21:09 AM	57660
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	1/23/2021 3:56:36 PM	57656
Surr: BFB	98.0	75.3-105	%Rec	1	1/23/2021 3:56:36 PM	57656
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.023	mg/Kg	1	1/23/2021 3:56:36 PM	57656
Toluene	ND	0.047	mg/Kg	1	1/23/2021 3:56:36 PM	57656
Ethylbenzene	ND	0.047	mg/Kg	1	1/23/2021 3:56:36 PM	57656
Xylenes, Total	ND	0.093	mg/Kg	1	1/23/2021 3:56:36 PM	57656
Surr: 4-Bromofluorobenzene	101	80-120	%Rec	1	1/23/2021 3:56:36 PM	57656

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

Hall Environmental Analysis Laboratory, Inc.

- 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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S % Recovery outside of range due to dilution or matrix

#### Date Reported: 1/28/2021

CLIENT: Talon Artesia Project: Fairchild 24 Fee 002H			ient Sample II Collection Dat		5 0-1' 9/2021 12:54:00 PM	
Lab ID: 2101763-005	Matrix: SOIL		Received Date	e: 1/2	21/2021 7:48:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	220	60	mg/Kg	20	1/25/2021 2:25:30 PM	57703
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	CLP
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	1/22/2021 11:44:45 AM	57660
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	1/22/2021 11:44:45 AM	57660
Surr: DNOP	84.1	30.4-154	%Rec	1	1/22/2021 11:44:45 AM	57660
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	1/23/2021 4:20:05 PM	57656
Surr: BFB	93.8	75.3-105	%Rec	1	1/23/2021 4:20:05 PM	57656
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	1/23/2021 4:20:05 PM	57656
Toluene	ND	0.050	mg/Kg	1	1/23/2021 4:20:05 PM	57656
Ethylbenzene	ND	0.050	mg/Kg	1	1/23/2021 4:20:05 PM	57656
Xylenes, Total	ND	0.10	mg/Kg	1	1/23/2021 4:20:05 PM	57656
Surr: 4-Bromofluorobenzene	96.5	80-120	%Rec	1	1/23/2021 4:20:05 PM	57656

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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#### Date Reported: 1/28/2021

<u>,</u>	U ,				Bate Reported. 1/20/201	
CLIENT: Talon Artesia	Client Sample ID: S-6 0-1'					
Project: Fairchild 24 Fee 002H		(	Collection Dat	<b>e:</b> 1/1	9/2021 12:59:00 PM	
Lab ID: 2101763-006	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 1/2	21/2021 7:48:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	140	60	mg/Kg	20	1/25/2021 2:37:54 PM	57703
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	CLP
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	1/22/2021 12:08:28 PM	57660
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	1/22/2021 12:08:28 PM	57660
Surr: DNOP	98.9	30.4-154	%Rec	1	1/22/2021 12:08:28 PM	57660
EPA METHOD 8015D: GASOLINE RANG	GE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/23/2021 4:43:34 PM	57656
Surr: BFB	94.9	75.3-105	%Rec	1	1/23/2021 4:43:34 PM	57656
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	1/23/2021 4:43:34 PM	57656
Toluene	ND	0.049	mg/Kg	1	1/23/2021 4:43:34 PM	57656
Ethylbenzene	ND	0.049	mg/Kg	1	1/23/2021 4:43:34 PM	57656
Xylenes, Total	ND	0.098	mg/Kg	1	1/23/2021 4:43:34 PM	57656
Surr: 4-Bromofluorobenzene	97.8	80-120	%Rec	1	1/23/2021 4:43:34 PM	57656

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

Hall Environmental Analysis Laboratory, Inc.

- 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 6 of 24

S % Recovery outside of range due to dilution or matrix

### Date Reported: 1/28/2021

Analyses	1	Result	RL Qual Units	DF Date Analyzed
Lab ID:	2101763-007	Matrix: SOIL	Received Dat	e: 1/21/2021 7:48:00 AM
<b>Project:</b>	Fairchild 24 Fee 002H		<b>Collection Dat</b>	e: 1/19/2021 1:02:00 PM
CLIENT:	Talon Artesia		Client Sample I	<b>D:</b> S-6 2'

## Hall Environmental Analysis Laboratory, Inc.

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	200	60	mg/Kg	20	1/25/2021 2:50:18 PM	57703
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	CLP
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	1/22/2021 12:32:10 PM	57660
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	1/22/2021 12:32:10 PM	57660
Surr: DNOP	70.3	30.4-154	%Rec	1	1/22/2021 12:32:10 PM	57660
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	1/23/2021 5:07:27 PM	57656
Surr: BFB	98.1	75.3-105	%Rec	1	1/23/2021 5:07:27 PM	57656
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	1/23/2021 5:07:27 PM	57656
Toluene	ND	0.048	mg/Kg	1	1/23/2021 5:07:27 PM	57656
Ethylbenzene	ND	0.048	mg/Kg	1	1/23/2021 5:07:27 PM	57656
Xylenes, Total	ND	0.097	mg/Kg	1	1/23/2021 5:07:27 PM	57656
Surr: 4-Bromofluorobenzene	99.1	80-120	%Rec	1	1/23/2021 5:07:27 PM	57656

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

Oual	lifiers:
Qua	initia.

- \* 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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Date Reported: 1/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Project: Fairchild 24 Fee 002H			ient Sample II Collection Date		6 3' 19/2021 1:05:00 PM	
Lab ID: 2101763-008	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 1/2	21/2021 7:48:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	710	60	mg/Kg	20	1/25/2021 3:02:42 PM	57703
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	CLP
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	1/22/2021 12:55:49 PM	57660
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	1/22/2021 12:55:49 PM	57660
Surr: DNOP	98.5	30.4-154	%Rec	1	1/22/2021 12:55:49 PM	57660
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/23/2021 5:31:20 PM	57656
Surr: BFB	99.0	75.3-105	%Rec	1	1/23/2021 5:31:20 PM	57656
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	1/23/2021 5:31:20 PM	57656
Toluene	ND	0.049	mg/Kg	1	1/23/2021 5:31:20 PM	57656
Ethylbenzene	ND	0.049	mg/Kg	1	1/23/2021 5:31:20 PM	57656
Xylenes, Total	ND	0.098	mg/Kg	1	1/23/2021 5:31:20 PM	57656
Surr: 4-Bromofluorobenzene	100	80-120	%Rec	1	1/23/2021 5:31:20 PM	57656

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 8 of 24

Date Reported: 1/28/2021

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon ArtesiaProject: Fairchild 24 Fee 002HLab ID: 2101763-009	Client Sample ID: S-7 0-1'           Collection Date: 1/19/2021 1:09:00 PM           Matrix: SOIL         Received Date: 1/21/2021 7:48:00 AM							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS						Analyst	VP	
Chloride	5300	150		mg/Kg	50	1/26/2021 11:35:47 AM	57703	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	mb	
Diesel Range Organics (DRO)	420	9.6		mg/Kg	1	1/23/2021 5:26:40 PM	57660	
Motor Oil Range Organics (MRO)	200	48		mg/Kg	1	1/23/2021 5:26:40 PM	57660	
Surr: DNOP	101	30.4-154		%Rec	1	1/23/2021 5:26:40 PM	57660	
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB	
Gasoline Range Organics (GRO)	29	4.8		mg/Kg	1	1/23/2021 5:55:19 PM	57656	
Surr: BFB	258	75.3-105	S	%Rec	1	1/23/2021 5:55:19 PM	57656	
EPA METHOD 8021B: VOLATILES						Analyst	NSB	
Benzene	0.033	0.024		mg/Kg	1	1/23/2021 5:55:19 PM	57656	
Toluene	0.20	0.048		mg/Kg	1	1/23/2021 5:55:19 PM	57656	
Ethylbenzene	0.42	0.048		mg/Kg	1	1/23/2021 5:55:19 PM	57656	
Xylenes, Total	0.93	0.095		mg/Kg	1	1/23/2021 5:55:19 PM	57656	
Surr: 4-Bromofluorobenzene	115	80-120		%Rec	1	1/23/2021 5:55:19 PM	57656	

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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Date Reported: 1/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Project: Fairchild 24 Fee 002H	Client Sample ID: S-7 2' Collection Date: 1/19/2021 1:13:00 PM							
Project:         Fairchild 24 Fee 002H           Lab ID:         2101763-010	Matrix: SOIL         Received Date: 1/21/2021 7:48:00 AM							
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analys	t: VP		
Chloride	690	60	mg/Kg	20	1/25/2021 3:27:31 PM	57703		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: CLP		
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	1/22/2021 1:43:21 PM	57660		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	1/22/2021 1:43:21 PM	57660		
Surr: DNOP	103	30.4-154	%Rec	1	1/22/2021 1:43:21 PM	57660		
EPA METHOD 8015D: GASOLINE RANGE	i i				Analys	t: NSB		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/23/2021 6:43:07 PM	57656		
Surr: BFB	99.4	75.3-105	%Rec	1	1/23/2021 6:43:07 PM	57656		
EPA METHOD 8021B: VOLATILES					Analys	t: NSB		
Benzene	ND	0.025	mg/Kg	1	1/23/2021 6:43:07 PM	57656		
Toluene	ND	0.049	mg/Kg	1	1/23/2021 6:43:07 PM	57656		
Ethylbenzene	ND	0.049	mg/Kg	1	1/23/2021 6:43:07 PM	57656		
Xylenes, Total	ND	0.099	mg/Kg	1	1/23/2021 6:43:07 PM	57656		
Surr: 4-Bromofluorobenzene	101	80-120	%Rec	1	1/23/2021 6:43:07 PM	57656		

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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Date Reported: 1/28/2021

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Project: Fairchild 24 Fee 002H	Client Sample ID: S-7 3' Collection Date: 1/19/2021 1:16:00 PI							
Lab ID: 2101763-011	Matrix: SOIL	21/2021 7:48:00 AM						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	840	60	mg/Kg	20	1/25/2021 5:06:48 PM	57722		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	CLP		
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	1/22/2021 2:07:10 PM	57660		
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	1/22/2021 2:07:10 PM	57660		
Surr: DNOP	90.6	30.4-154	%Rec	1	1/22/2021 2:07:10 PM	57660		
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/23/2021 7:54:37 PM	57656		
Surr: BFB	99.6	75.3-105	%Rec	1	1/23/2021 7:54:37 PM	57656		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.025	mg/Kg	1	1/23/2021 7:54:37 PM	57656		
Toluene	ND	0.049	mg/Kg	1	1/23/2021 7:54:37 PM	57656		
Ethylbenzene	ND	0.049	mg/Kg	1	1/23/2021 7:54:37 PM	57656		
Xylenes, Total	ND	0.099	mg/Kg	1	1/23/2021 7:54:37 PM	57656		
Surr: 4-Bromofluorobenzene	101	80-120	%Rec	1	1/23/2021 7:54:37 PM	57656		

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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## Hall Environmental Analysis Laboratory, Inc.

Date Reported: 1/28/2021

CLIENT: Talon Artesia	Client Sample ID: S-7 4'							
Project:         Fairchild 24 Fee 002H           Lab ID:         2101763-012	Collection Date: 1/19/2021 1:19:00 PM           Matrix: SOIL         Received Date: 1/21/2021 7:48:00 AM							
Lab ID. 2101703-012	Matrix. SOIL		Received Date	<b>C.</b> 1/2	21/2021 /.40.00 AWI			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	510	60	mg/Kg	20	1/25/2021 5:19:12 PM	57722		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	CLP		
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	1/22/2021 2:31:00 PM	57660		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	1/22/2021 2:31:00 PM	57660		
Surr: DNOP	93.0	30.4-154	%Rec	1	1/22/2021 2:31:00 PM	57660		
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	1/23/2021 8:18:24 PM	57656		
Surr: BFB	98.9	75.3-105	%Rec	1	1/23/2021 8:18:24 PM	57656		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.024	mg/Kg	1	1/23/2021 8:18:24 PM	57656		
Toluene	ND	0.048	mg/Kg	1	1/23/2021 8:18:24 PM	57656		
Ethylbenzene	ND	0.048	mg/Kg	1	1/23/2021 8:18:24 PM	57656		
Xylenes, Total	ND	0.096	mg/Kg	1	1/23/2021 8:18:24 PM	57656		
Surr: 4-Bromofluorobenzene	101	80-120	%Rec	1	1/23/2021 8:18:24 PM	57656		

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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## Hall Environmental Analysis Laboratory, Inc.

Date Reported: 1/28/2021

CLIENT: Talon Artesia Project: Fairchild 24 Fee 002H				ample II			6.00 DM	
Project:         Fairchild 24 Fee 002H           Lab ID:         2101763-013	Matrix: SOIL         Received Date: 1/21/2021 7:48:00							
Analyses	Result	RL	Qual	Units	DF	Date Ana	lyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst:	VP
Chloride	7600	300		mg/Kg	100	1/26/2021	11:48:12 AM	57722
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS						Analyst:	CLP
Diesel Range Organics (DRO)	3100	96		mg/Kg	10	1/22/2021	2:54:51 PM	57660
Motor Oil Range Organics (MRO)	1400	480		mg/Kg	10	1/22/2021	2:54:51 PM	57660
Surr: DNOP	0	30.4-154	S	%Rec	10	1/22/2021	2:54:51 PM	57660
EPA METHOD 8015D: GASOLINE RANGE	l .						Analyst:	NSB
Gasoline Range Organics (GRO)	900	24		mg/Kg	5	1/23/2021	8:42:09 PM	57656
Surr: BFB	733	75.3-105	S	%Rec	5	1/23/2021	8:42:09 PM	57656
EPA METHOD 8021B: VOLATILES							Analyst:	NSB
Benzene	2.7	0.12		mg/Kg	5	1/23/2021	8:42:09 PM	57656
Toluene	24	0.24		mg/Kg	5	1/23/2021	8:42:09 PM	57656
Ethylbenzene	23	0.24		mg/Kg	5	1/23/2021	8:42:09 PM	57656
Xylenes, Total	43	0.48		mg/Kg	5	1/23/2021	8:42:09 PM	57656
Surr: 4-Bromofluorobenzene	199	80-120	S	%Rec	5	1/23/2021	8:42:09 PM	57656

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

- 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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S % Recovery outside of range due to dilution or matrix

## Hall Environmental Analysis Laboratory, Inc.

Date Reported: 1/28/2021

CLIENT: Talon Artesia Project: Fairchild 24 Fee 002H				ample II tion Dat		8 2' 9/2021 1:30:00 PM	
Lab ID: 2101763-014	Matrix: SOIL         Received Date: 1/21/2021 7:48:00 A						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	670	60		mg/Kg	20	1/25/2021 5:44:01 PM	57722
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	CLP
Diesel Range Organics (DRO)	13	9.8		mg/Kg	1	1/22/2021 3:18:45 PM	57660
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/22/2021 3:18:45 PM	57660
Surr: DNOP	91.7	30.4-154		%Rec	1	1/22/2021 3:18:45 PM	57660
EPA METHOD 8015D: GASOLINE RANG	E					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	1/23/2021 9:29:31 PM	57656
Surr: BFB	108	75.3-105	S	%Rec	1	1/23/2021 9:29:31 PM	57656
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.024		mg/Kg	1	1/23/2021 9:29:31 PM	57656
Toluene	ND	0.048		mg/Kg	1	1/23/2021 9:29:31 PM	57656
Ethylbenzene	0.052	0.048		mg/Kg	1	1/23/2021 9:29:31 PM	57656
Xylenes, Total	0.13	0.097		mg/Kg	1	1/23/2021 9:29:31 PM	57656
Surr: 4-Bromofluorobenzene	99.4	80-120		%Rec	1	1/23/2021 9:29:31 PM	57656

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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## Hall Environmental Analysis Laboratory, Inc.

Date Reported: 1/28/2021

CLIENT: Talon Artesi Project: Fairchild 24		Client Sample ID: S-8 3' Collection Date: 1/19/2021 1:35:00 PM							
Lab ID: 2101763-01:		Matrix: SOIL					21/2021 7:48:		
Analyses		Result	RL	Qua	l Units	DF	Date Analyz	zed	Batch
EPA METHOD 300.0: /	ANIONS							Analyst:	VP
Chloride		250	60		mg/Kg	20	1/25/2021 5:	56:26 PM	57722
EPA METHOD 8015M/	D: DIESEL RANGE	ORGANICS						Analyst:	CLP
Diesel Range Organics	(DRO)	37	9.6		mg/Kg	1	1/22/2021 3:4	42:44 PM	57660
Motor Oil Range Organi	cs (MRO)	ND	48		mg/Kg	1	1/22/2021 3:4	42:44 PM	57660
Surr: DNOP		93.6	30.4-154		%Rec	1	1/22/2021 3:4	42:44 PM	57660
EPA METHOD 8015D:	GASOLINE RANG	iΕ						Analyst:	NSB
Gasoline Range Organio	cs (GRO)	ND	5.0		mg/Kg	1	1/23/2021 9:	53:13 PM	57656
Surr: BFB		112	75.3-105	S	%Rec	1	1/23/2021 9:	53:13 PM	57656
EPA METHOD 8021B:	VOLATILES							Analyst:	NSB
Benzene		ND	0.025		mg/Kg	1	1/23/2021 9:	53:13 PM	57656
Toluene		ND	0.050		mg/Kg	1	1/23/2021 9:	53:13 PM	57656
Ethylbenzene		ND	0.050		mg/Kg	1	1/23/2021 9:	53:13 PM	57656
Xylenes, Total		0.10	0.10		mg/Kg	1	1/23/2021 9:	53:13 PM	57656
Surr: 4-Bromofluorob	enzene	101	80-120		%Rec	1	1/23/2021 9:	53:13 PM	57656

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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## Hall Environmental Analysis Laboratory, Inc.

Date Reported: 1/28/2021

CLIENT: Talon Artesia	Client Sample ID: S-8 4'								
<b>Project:</b> Fairchild 24 Fee 002H	Collection Date: 1/19/2021 1:39:00 PM								
Lab ID: 2101763-016	Matrix: SOIL		Received Dat	<b>e:</b> 1/2	21/2021 7:48:00 AM				
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analyst	VP			
Chloride	ND	60	mg/Kg	20	1/25/2021 6:08:50 PM	57722			
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	CLP			
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	1/22/2021 4:06:37 PM	57660			
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	1/22/2021 4:06:37 PM	57660			
Surr: DNOP	90.6	30.4-154	%Rec	1	1/22/2021 4:06:37 PM	57660			
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB			
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	1/23/2021 10:16:51 PM	57656			
Surr: BFB	96.7	75.3-105	%Rec	1	1/23/2021 10:16:51 PM	57656			
EPA METHOD 8021B: VOLATILES					Analyst	NSB			
Benzene	ND	0.024	mg/Kg	1	1/23/2021 10:16:51 PM	57656			
Toluene	ND	0.048	mg/Kg	1	1/23/2021 10:16:51 PM	57656			
Ethylbenzene	ND	0.048	mg/Kg	1	1/23/2021 10:16:51 PM	57656			
Xylenes, Total	ND	0.096	mg/Kg	1	1/23/2021 10:16:51 PM	57656			
Surr: 4-Bromofluorobenzene	99.4	80-120	%Rec	1	1/23/2021 10:16:51 PM	57656			

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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## Hall Environmental Analysis Laboratory, Inc.

Date Reported: 1/28/2021

CLIENT: Talon Artesia Project: Fairchild 24 Fee 002H	Client Sample ID: S-9 0-1' Collection Date: 1/19/2021 1:42:00 PM							
Project:         Fairchild 24 Fee 002H           Lab ID:         2101763-017	Matrix: SOIL	,			21/2021 7:48:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	4200	150	mg/Kg	50	1/26/2021 12:00:36 PM	57722		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	CLP		
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	1/22/2021 4:30:30 PM	57660		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	1/22/2021 4:30:30 PM	57660		
Surr: DNOP	91.4	30.4-154	%Rec	1	1/22/2021 4:30:30 PM	57660		
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	1/23/2021 10:40:29 PM	57656		
Surr: BFB	95.3	75.3-105	%Rec	1	1/23/2021 10:40:29 PM	57656		
EPA METHOD 8021B: VOLATILES					Analyst	NSB		
Benzene	ND	0.024	mg/Kg	1	1/23/2021 10:40:29 PM	57656		
Toluene	ND	0.048	mg/Kg	1	1/23/2021 10:40:29 PM	57656		
Ethylbenzene	ND	0.048	mg/Kg	1	1/23/2021 10:40:29 PM	57656		
Xylenes, Total	ND	0.096	mg/Kg	1	1/23/2021 10:40:29 PM	57656		
Surr: 4-Bromofluorobenzene	97.1	80-120	%Rec	1	1/23/2021 10:40:29 PM	57656		

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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## Hall Environmental Analysis Laboratory, Inc.

Date Reported: 1/28/2021

CLIENT: Talon Artesia Project: Fairchild 24 Fee 002H Lab ID: 2101763-018	Matrix: SOIL			le ID: S-9 2 Date: 1/19/2021 1:47:00 PM Date: 1/21/2021 7:48:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: VP	
Chloride	930	60	mg/Kg	20	1/25/2021 6:33:40 PM	57722	
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	CLP	
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	1/22/2021 4:54:18 PM	57660	
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	1/22/2021 4:54:18 PM	57660	
Surr: DNOP	93.8	30.4-154	%Rec	1	1/22/2021 4:54:18 PM	57660	
EPA METHOD 8015D: GASOLINE RANG	<b>E</b>				Analyst	: NSB	
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	1/23/2021 11:04:03 PM	57656	
Surr: BFB	95.6	75.3-105	%Rec	1	1/23/2021 11:04:03 PM	57656	
EPA METHOD 8021B: VOLATILES					Analyst	: NSB	
Benzene	ND	0.024	mg/Kg	1	1/23/2021 11:04:03 PM	57656	
Toluene	ND	0.048	mg/Kg	1	1/23/2021 11:04:03 PM	57656	
Ethylbenzene	ND	0.048	mg/Kg	1	1/23/2021 11:04:03 PM	57656	
Xylenes, Total	ND	0.095	mg/Kg	1	1/23/2021 11:04:03 PM	57656	
Surr: 4-Bromofluorobenzene	97.7	80-120	%Rec	1	1/23/2021 11:04:03 PM	57656	

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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Date Reported: 1/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia	Client Sample ID: S-9 3'							
<b>Project:</b> Fairchild 24 Fee 002H		(	Collection Dat	e: 1/1	9/2021 1:51:00 PM			
Lab ID: 2101763-019	Matrix: SOIL		Received Dat	e: 1/2	21/2021 7:48:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	350	60	mg/Kg	20	1/25/2021 7:10:51 PM	57722		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	CLP		
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	1/22/2021 5:18:07 PM	57660		
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	1/22/2021 5:18:07 PM	57660		
Surr: DNOP	92.1	30.4-154	%Rec	1	1/22/2021 5:18:07 PM	57660		
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	1/23/2021 11:27:35 PM	57656		
Surr: BFB	97.6	75.3-105	%Rec	1	1/23/2021 11:27:35 PM	57656		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.023	mg/Kg	1	1/23/2021 11:27:35 PM	57656		
Toluene	ND	0.047	mg/Kg	1	1/23/2021 11:27:35 PM	57656		
Ethylbenzene	ND	0.047	mg/Kg	1	1/23/2021 11:27:35 PM	57656		
Xylenes, Total	ND	0.094	mg/Kg	1	1/23/2021 11:27:35 PM	57656		
Surr: 4-Bromofluorobenzene	99.9	80-120	%Rec	1	1/23/2021 11:27:35 PM	57656		

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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Date Reported: 1/28/2021

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Project: Fairchild 24 Fee 002H	Client Sample ID: S-9 4' Collection Date: 1/19/2021 1:53:00 PM							
Lab ID: 2101763-020	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 1/2	21/2021 7:48:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	99	60	mg/Kg	20	1/25/2021 7:23:15 PM	57722		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	CLP		
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	1/22/2021 5:41:49 PM	57660		
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	1/22/2021 5:41:49 PM	57660		
Surr: DNOP	92.9	30.4-154	%Rec	1	1/22/2021 5:41:49 PM	57660		
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	1/23/2021 11:51:07 PM	57656		
Surr: BFB	95.5	75.3-105	%Rec	1	1/23/2021 11:51:07 PM	57656		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.024	mg/Kg	1	1/23/2021 11:51:07 PM	57656		
Toluene	ND	0.048	mg/Kg	1	1/23/2021 11:51:07 PM	57656		
Ethylbenzene	ND	0.048	mg/Kg	1	1/23/2021 11:51:07 PM	57656		
Xylenes, Total	ND	0.096	mg/Kg	1	1/23/2021 11:51:07 PM	57656		
Surr: 4-Bromofluorobenzene	98.5	80-120	%Rec	1	1/23/2021 11:51:07 PM	57656		

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.

WO#: 2101763 28-Jan-21

Client: Project:	Talon Artesia Fairchild 24 Fee 00	02H						
Sample ID: MB-5	7703 Samp	Type: MBLK	Tes	Code: EPA Method	300.0: Anions			
Client ID: PBS	Bato	ch ID: 57703	F	RunNo: <b>74822</b>				
Prep Date: 1/25	Analysis l	Date: 1/25/2021	S	eqNo: <b>2641404</b>	Units: mg/Kg			
Analyte Chloride	Result ND	PQL SPK value 1.5	SPK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: LCS-	57703 Samp	Type: LCS	Tes	Code: EPA Method	300.0: Anions			
Client ID: LCSS	B Bato	ch ID: 57703	F	RunNo: <b>74822</b>				
Prep Date: 1/25	Analysis l	Date: 1/25/2021	S	eqNo: 2641405	Units: mg/Kg			
Analyte	Result	PQL SPK value	SPK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5 15.00	0	94.4 90	110			
Sample ID: MB-5	7722 Samp	Type: MBLK	Tes	Code: EPA Method	300.0: Anions			
Client ID: PBS	Bato	ch ID: 57722	F	RunNo: <b>74822</b>				
Prep Date: 1/25	Analysis l	Date: 1/25/2021	S	eqNo: <b>2641439</b>	Units: mg/Kg			
Analyte Chloride	Result ND	PQL SPK value 1.5	SPK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: LCS-	57722 Samp	Type: LCS	Tes	Code: EPA Method	300.0: Anions			
Client ID: LCSS	B Bato	ch ID: 57722	F	RunNo: <b>74822</b>				
Prep Date: 1/25	Analysis l	Date: 1/25/2021	S	eqNo: <b>2641440</b>	Units: mg/Kg			
Analyte	Result	PQL SPK value	SPK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5 15.00	0	94.6 90	110			

#### Qualifiers:

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- B Analyte detected in the associated Method Blank
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- 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.

Client: Project:	Talon Art Fairchild	tesia 24 Fee 002	2H								
Sample ID:	MB-57660	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	PBS	Batch	ID: 57	660	F	RunNo: 7	4812				
Prep Date:	1/21/2021	Analysis D	ate: <b>1</b> /	22/2021	S	SeqNo: 2	640146	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range O	rganics (DRO)	ND	10								
Motor Oil Range	e Organics (MRO)	ND	50								
Surr: DNOP		11		10.00		114	30.4	154			
Sample ID:	LCS-57660	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	LCSS	Batch	ID: 57	660	F	RunNo: 74	4812				
Prep Date:	1/21/2021	Analysis D	ate: <b>1</b> /	22/2021	S	SeqNo: 2	640147	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range O	rganics (DRO)	49	10	50.00	0	98.6	68.9	141			
Surr: DNOP		4.8		5.000		96.8	30.4	154			
Sample ID:	2101763-001AMS	SampT	ype: <b>MS</b>	5	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	S-1 0-1'	Batch	ID: 57	660	F	RunNo: 7	4812				
Prep Date:	1/21/2021	Analysis D	ate: <b>1</b> /	22/2021	5	SeqNo: 2	640149	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range O	rganics (DRO)	38	9.7	48.59	0	79.2	15	184			
Surr: DNOP		3.6		4.859		73.4	30.4	154			
Sample ID:	2101763-001AMSI	<b>)</b> SampT	ype: MS	SD.	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	S-1 0-1'	Batch	ID: 57	660	F	RunNo: 74	4812				
Prep Date:	1/21/2021	Analysis D	ate: <b>1/</b>	22/2021	S	SeqNo: 2	640150	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range O	rganics (DRO)	39	9.6	47.85	0	81.6	15	184	1.41	23.9	
Surr: DNOP		3.6		4.785		74.9	30.4	154	0	0	

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PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

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J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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

WO#: 2101763 28-Jan-21

Client: Project:	Talon Art Fairchild	tesia 24 Fee 002	2H								
Sample ID:	mb-57656	SampT	ype: ME	BLK	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID:	PBS	Batch	ID: 57	656	F	RunNo: 7	74814				
Prep Date:	1/21/2021	Analysis D	ate: <b>1</b> /	23/2021	5	SeqNo: 2	2640354	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	e Organics (GRO)	ND 990	5.0	1000		99.1	75.3	105			
Sample ID:	lcs-57656	SampT	ype: LC	S	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID:	LCSS	Batch	ID: 57	656	F	RunNo: 7	74814				
Prep Date:	1/21/2021	Analysis D	ate: <b>1</b> /	23/2021	S	SeqNo: 2	2640355	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
-	e Organics (GRO)	26	5.0	25.00	0	104		120			
Surr: BFB		1100		1000		110	75.3	105			S
Sample ID:	2101763-001ams	SampT	ype: <b>MS</b>	6	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID:	S-1 0-1'	Batch	ID: 57	656	F	RunNo: 7	74814				
Prep Date:	1/21/2021	Analysis D	ate: <b>1</b> /	23/2021	5	SeqNo: 2	2640357	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	24.56	0	112	61.3	114			
Surr: BFB		1100		982.3		112	75.3	105			S
Sample ID:	2101763-001amsd	I SampT	ype: <b>MS</b>	SD	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID:	S-1 0-1'	Batch	ID: 57	656	F	RunNo: 7	74814				
Prep Date:	1/21/2021	Analysis D	ate: 1/	23/2021	S	SeqNo: 2	2640358	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
-	e Organics (GRO)	24	4.7	23.63	0	103		114	11.6	20	
Surr: BFB		1100		945.2		112	75.3	105	0	0	S

#### Qualifiers:

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- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Client:         Talon Artesia           Project:         Fairchild 24 Fee 002H           Sample ID: mb-57656         SampType: MBLK         TestCode: EPA Method 8021B: Volatiles           Client ID:         PBS         Batch ID:         57556         RunNo: 74814           Prep Date:         1/21/2021         Analysis Date:         1/23/2021         SeqNo: 2640405         Units: mg/Kg           Analysis         Result         POL         SPK value         SPK Ref Val         %REC         LowLinit         HighLinit         %RPD         RPDLinit         Qual           Idenation         ND         0.025         Juna         %REC         LowLinit         High-Linit         %RPD         RPDLinit         Qual           Integrate         ND         0.050         Mithod         MO21B: Volatiles         Juna         Juna <t< th=""><th></th><th></th><th>• • •</th><th>• •</th><th>Ŧ</th><th></th><th></th><th></th><th></th><th>WO#:</th><th>210176</th></t<>			• • •	• •	Ŧ					WO#:	210176
Project:         Fairchild 24 Fee 002H           Sample ID: mb-57656         SampType:         IMBLK         TestCode:         EPA Method         S021B:         Volatilis           Client ID:         PBS         Batch ID:         57656         RunNo:         74814         Units:         mg/K2           Analyte         Result         POL         SPK Ref Val         %REC         LowLinit         HighLinit         %RPD         RPDLinit         Qual           alane         ND         0.050         Strickionadu/openzene         1.000         102         80         120         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         <	Hall Environment	al Anal	ysis L	aborat	ory, Inc.						28-Jan-2
Sample ID: mb-57656         SampType: MBLK         TestCode: EPA Mathod 8021B: Volatilos           Sample ID: mb-57656         SampType: MBLK         TestCode: EPA Mathod 8021B: Volatilos           Prep Date:         1/21/2021         Analysis Date:         1/23/2021         SeqNo:         2640405         Units: mg/Kg           Analysis         Result         POL         SPK value         SPK ref Val         % REC         LowLimit         HighLimit         % RPD         RPDLImit         Qual           Analysis         Result         POL         SPK value         SPK ref Val         % REC         LowLimit         HighLimit         % RPD         RPDLImit         Qual           Analysis         Date:         ND         0.050         StrestCode:         EPA Method 8021B: Volatiles           Starr: 4-Bromollucrobenzame         ND         0.050         TestCode:         EPA Method 8021B: Volatiles           Starr: 4-Bromollucrobenzame         ND         0.050         TestCode:         EPA Method 8021B: Volatiles           Glient ID:         CCS         Batch ID: 57656         RunNo: 74814         HighLimit         %RPD         RPDLImit         Qual           Branze         0.09         0.050         1.000         0         98.         80         120	Client: Talon A	rtesia									
Client ID:       PBS       Batch ID:       57856       RunNo:       74814         Prep Date:       1/21/2021       Analysis Date:       1/23/2021       SeqNo:       2640405       Units:       mg/Kg         Analyte       Result       PQL       PFK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         aluene       ND       0.050         ND       0.050         stylienes, Total       ND       0.050        ND       0.050         Sample ID:       LCS-\$77656       SampType: LCS       TestCode:       EPA Method 8021B: Volatiles       Volatiles         Sample ID:       LCSS       Batch ID:       57656       RunNo:       74814       Velts:       MgRD       Qual         Analyte       Result       POL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Meanze       0.99       0.025       1.000       0       98.8       0       120       Velts:       Velts: <th>Project: Fairchile</th> <th>d 24 Fee 00</th> <th>)2H</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	Project: Fairchile	d 24 Fee 00	)2H								
Prop Date:       1/21/2021       SeqNo:       2640405       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Ierrezene       ND       0.050          Server       Se	Sample ID: mb-57656	Samp	Type: ME	BLK	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Analyte         Result         POL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           lenezone         ND         0.050                                        %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Withebrazene         ND         0.050           TestCode:         EPA Method         80218: Voltatiles                                Site         Site         Site         Site                      Site <td>Client ID: PBS</td> <td>Batc</td> <td>h ID: 57</td> <td>656</td> <td>F</td> <td>RunNo: <b>7</b></td> <td>4814</td> <td></td> <td></td> <td></td> <td></td>	Client ID: PBS	Batc	h ID: 57	656	F	RunNo: <b>7</b>	4814				
Inscription         ND         0.025           oluene         ND         0.050           vytenes, Total         ND         0.050           Sam, 4-Bromofluoroberzene         1.0         1.000         102         80         120           Sample ID:         LCS-S7656         SampType:         LCS         TestCode:         EPA Method 8021B:         Volatiles           Client ID:         LCSS         Batch ID:         57656         RunNo:         74814           Prep Date:         1/21/2021         Analysis Date:         1/22/2021         SeqNo:         2640406         Units:         mg/Kg           Analyte         Result         POL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           lenzene         0.99         0.050         1.000         99.1         80         120         Stritter           vytheres. Total         3.0         0.10         3.000         99.1         80         120         Stritter           Sample ID:         2101763-002ams         SampType:         MS         TestCode:         EPA Method 8021B:         Volatiles           Client ID:         \$-20.1'         Batch ID: <td>Prep Date: 1/21/2021</td> <td>Analysis [</td> <td>Date: <b>1</b>/</td> <td>23/2021</td> <td>S</td> <td>SeqNo: 2</td> <td>640405</td> <td>Units: <b>mg/k</b></td> <td>٢g</td> <td></td> <td></td>	Prep Date: 1/21/2021	Analysis [	Date: <b>1</b> /	23/2021	S	SeqNo: 2	640405	Units: <b>mg/k</b>	٢g		
oblene         ND         0.050           thylkenzene         ND         0.050           Surri 4-Bromofluorobenzene         1.0         1.00         102         80         120           Surri 4-Bromofluorobenzene         1.0         1.00         102         80         120           Sample ID:         LCS-57656         SampType:         LCS         Factorofluorobenzene         100         74814           Prep Date:         1/21/2021         Analysis Date:         1/23/2021         SeqNo: 2640406         Units: mg/Kg           Analyte         Result         POL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           encare         0.99         0.050         1.000         0         98.8         80         120             start 4-Bromofluorobenzene         0.99         0.050         1.000         0         99.1         80         120             Sample ID:         2101763-002ams         Sampt ID: Stote         RultNo: 74814         76.3         120               Qual           Ithylbenzene	Analyte			SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
ithylenzene       ND       0.05         ydenes. Total       ND       0.10       1.00       102       80       120         Samr 4Bromofluorobenzene       1.00       102       80       120         Sample ID:       LCS-57656       SampType:       LCS       TestCode:       EPA Method S021B:       Volatiles         Client ID:       LCS       Batch ID:       57656       KunNo:       74814       Volatiles       MD       0.02         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Interace       0.99       0.025       1.000       0       98.8       80       120       0       0       99.1       80       120       0       0       99.1       80       120       0       120       0       120       0       120       0       120       0       120       0       120       0       120       0       120       0       120       0       120       0       120       0       120       0       120       0       120       0       120       0       120       0       120 <t< td=""><td>Benzene</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Benzene										
ND       0.10         Sur: 4-Bromofluorobenzene       1.0       1.00       102       80       120         Sample ID:       LCS-57656       SampType:       LCS       TestCode:       EPA Method       8021B:       Volatiles         Client ID:       LCSS       Batch ID:       57656       RunNo:       74814       Volatiles       Volatiles         Analyte       Result       POL       SPK value       SPK Ref Val       %REC       Low/Lmit       Mightimit       %RPD       RPDLimit       Qual         Inerazene       0.99       0.050       1.000       0       99.0       8.00       120       120         Sur: 4-Bromofluorobenzene       0.99       0.050       1.000       0       99.1       8.00       120       120         Sur: 4-Bromofluorobenzene       0.99       0.050       1.000       0       99.0       8.00       120       120         Sur: 4-Bromofluorobenzene       0.01       3.00       0.00       99.0       8.00       120       120       120         Sur: 4-Bromofluorobenzene       1.00       1.000       104       8.00       120       120       120       120       120       120       120       120	Toluene										
Šur: 4.Bromofluorobenzene         1.0         100         102         80         120           Sample ID:         LCS.S 7656         SampType:         LCS         TestCode:         EPA Method 8021B:         Volatiles           Client ID:         LCSS         Batch ID:         57656         RunNo:         74814           Prep Date:         1/21/2021         Analysis Date:         1/23/2021         SeqNo:         2640406         Units:         mg/g           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Ierezene         0.99         0.050         1.000         0         99.1         80         120            Vighenes, Total         3.0         0.10         3.000         0         99.1         80         120                  0.01         3.00         0         99.1         80         120	•										
Sample ID:         LCS-57656         SampType:         LCS         TestCode:         EPA Method         8021B:         Volatiles           Client ID:         LCSS         Batch ID:         57656         RunNo:         74814         Prep Date:         1/21/2021         Analysis         Date:         1/22/2021         SeqNo:         2640406         Units:         mg/Kg           Analyte         Result         POL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           lenzene         0.99         0.050         1.000         0         98.8         80         120           ithylbenzene         0.99         0.050         1.000         0         99.1         80         120           Surr 4-Bromofluorobenzene         1.0         1.000         0         99.1         80         120           Sample ID:         2101763-002ams         SampType:         MS         TestCode:         EPA Method 8021B:         Volatiles           Client ID:         S-2 0-1'         Batch ID:         57656         RunNo:         74814         PGL         NRK Q           Analyte         Result         PQL         SPK value         SPK	•		0.10								
Client ID:       LCSS       Bath ID:       57856       RunNo:       74814         Prep Date:       1/21/2021       Analysis Date:       1/23/2021       SeqNo:       2640406       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Ienzene       0.99       0.050       1.000       0       98.8       80       120       image       imag	Surr: 4-Bromofluorobenzene	1.0		1.000		102	80	120			
Prep Date:         1/21/2021         Analysis Date:         1/23/2021         SeqNo:         2640406         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           lenzane         0.99         0.055         1.000         0         98.8         80         120           ithylbenzene         0.99         0.050         1.000         0         99.1         80         120           Surr: 4-Bromofluorobenzene         1.0         3.000         0         99.1         80         120           Sample ID:         2101763-002ams         SampType:         MS         TestCode:         EPA Method 8021B:         Volatiles           Client ID:         S-20-1'         Batch ID:         57656         RunNo:         74814         HighLimit         %RPD         RPDLimit         Qual           Ienzane         0.93         0.025         0.9881         0.09573         97.0         78.5         120         ithylbenzene         9.98         9.92         78.1         124         second         second         second         9.92         78.1         124         sec	Sample ID: LCS-57656	Samp	Type: LC	s	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Analyte         Result         PQL         SPK ralue         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           lenzane         0.99         0.025         1.000         0         98.8         80         120           oluene         0.99         0.050         1.000         0         99.1         80         120           vithylbenzene         0.99         0.050         1.000         0         99.1         80         120           Sur: 4-Bromofluorobenzene         1.0         1.000         104         80         120	Client ID: LCSS	Batc	h ID: 57	656	F	RunNo: 7	4814				
herrzene       0.99       0.025       1.000       0       98.8       80       120         joluene       0.99       0.050       1.000       0       99.1       80       120         joluene       0.99       0.050       1.000       0       99.1       80       120         joluene       0.99       0.050       1.000       0       99.0       80       120         surr 4-Bromofluorobenzene       1.0       1.000       104       80       120         Sample ID:       2101763-002ams       SampType: MS       TestCode:       EPA Method 8021B:       Volatiles         Client ID:       S-2 0-1'       Batch ID:       57656       RunNo:       74814         Prep Date:       1/21/2021       Analysis Date:       1/23/2021       SeqNo:       2640409       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         ibuene       0.97       0.049       0.9881       0       99.2       78.1       124       ylenes, Total       2.9       0.9881       0       99.2       78.1       124       ylenes, Total<	Prep Date: 1/21/2021	Analysis [	Date: 1/	23/2021	S	SeqNo: 2	640406	Units: mg/k	٢g		
oluene       0.99       0.050       1.000       0       99.1       80       120         tittybbenzene       0.99       0.050       1.000       0       99.0       80       120         Surr, 4.Bromofluorobenzene       1.0       1.000       0       99.1       80       120         Sample ID:       2101763-002ams       SampType: MS       TestCode: EPA Method 8021B: Volatiles       Volatiles         Client ID:       S-2 0-1'       Batch ID:       57656       RunNo: 74814       Volatiles       Volatiles         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         elenzene       0.93       0.025       0.9881       0.09573       97.0       78.5       120       Volatiles	Analyte							-	%RPD	RPDLimit	Qual
ithlybenzene       0.99       0.050       1.000       0       99.0       80       120         Surr: 4-Bromofluorobenzene       1.0       1.000       104       80       120         Surr: 4-Bromofluorobenzene       1.0       1.000       104       80       120         Surr: 4-Bromofluorobenzene       1.0       1.000       104       80       120         Sample ID:       2101763-002ams       Samprype:       N::       TestCode:       EV-Method 8021B:       Volatiles         Client ID:       S-2 0-1'       Batch       D::       57656       RunNo:       74814         Prep Date:       1/2/2021       SeqNo:       2640409       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Ieinzene       0.93       0.025       0.9881       0       99.2       76.3       120       124       124       124       124       124       124       124       124       124       124       124       124       124       124       124       124       124       124       125       124       124 <th< td=""><td>Benzene</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Benzene										
Sylenes, Total Surr: 4-Bromofluorobenzene         3.0         0.10         3.000         0         99.1         80         120           Surr: 4-Bromofluorobenzene         1.0         1.000         104         80         120           Sample ID: 2101763-002ams         SampType: MS         TestCode: EPA Method 8021B: Volatiles         Image: Second Se	Toluene										
Sur: 4-Bromofluorobenzene         1.0         1.000         104         80         120           Sample ID:         2101763-002ams         SampType:         MS         TestCode:         EPA Method         8021B:         Volatiles           Client ID:         S-2 0-1'         Batch ID:         57656         RunNo:         74814           Prep Date:         1/21/2021         Analysis Date:         1/23/2021         SeqNo:         2640409         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           foluene         0.93         0.025         0.9881         0         99.2         76.3         120           Stitylbenzene         0.98         0.049         0.9881         0         99.2         78.1         124           Sumr 4-Bromofluorobenzene         1.0         0.9881         0         99.2         79.3         125           Sur: 4-Bromofluorobenzene         1.0         0.9881         103         80         120           Sample ID:         2101763-002amsd         SampType:         MSE         FestCode:         EPA Method         8021B: <td></td>											
Sample ID: 2101763-002ams         SampType: MS         TestCode:         EPA Method 8021B: Volatiles           Client ID:         S-2 0-1'         Batch ID:         57656         RunNo:         74814           Prep Date:         1/21/2021         Analysis Date:         1/23/2021         SeqNo:         2640409         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           ioluene         0.93         0.025         0.9881         0.09573         97.0         78.5         120         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         124         120         126 <td< td=""><td><b>,</b></td><td></td><td>0.10</td><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	<b>,</b>		0.10		0						
Client ID:       S-2 0-1'       Batch ID:       57656       RunNo:       74814         Prep Date:       1/21/2021       Analysis Date:       1/23/2021       SeqNo:       2640409       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Ienzene       0.93       0.025       0.9881       0       94.2       76.3       120	Surr: 4-Bromofluorobenzene	1.0		1.000		104	80	120			
Prep Date:       1/21/2021       SeqNo:       2640409       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Ienzene       0.93       0.025       0.9881       0.009573       97.0       76.3       120	Sample ID: 2101763-002ams	s Samp	Type: MS	6	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Venzerie         0.93         0.025         0.9881         0         94.2         76.3         120           Voluene         0.97         0.049         0.9881         0.009573         97.0         78.5         120           Vighens, Total         2.9         0.099         2.964         0         99.2         79.3         125           Surr: 4-Bromofluorobenzene         1.0         0.9881         0         99.2         79.3         125           Sampte ID:         2101763-002amsd         SampType:         MSD         TestCode:         EPA Method         8021B:         Volatiles           Client ID:         S-2 0-1'         Batch ID:         57656         RunNo:         74814         Units: mg/Kg           Prep Date:         1/21/2021         Analyte         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimi	Client ID: S-2 0-1'	Batc	h ID: 57	656	F	RunNo: <b>7</b>	4814				
Junction       0.93       0.025       0.9881       0       94.2       76.3       120         Solution       0.97       0.049       0.9881       0.009573       97.0       78.5       120         Stitlylbenzene       0.98       0.049       0.9881       0       99.2       78.1       124         Velenes, Total       2.9       0.099       2.964       0       99.2       79.3       125         Surr: 4-Bromofluorobenzene       1.0       0.9881       103       80       120         Sample ID:       2101763-002amsd       SampType: MSD       TestCode:       EPA Method 8021B:       Volatiles         Client ID:       S-2 0-1'       Batch ID:       57656       RunNo:       74814         Prep Date:       1/21/2021       Analysis Date:       1/23/2021       SeqNo:       2640410       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Venzene       0.91       0.025       0.9843       0       92.6       76.3       120       2.06       20         Solutene       0.97       0.049       0	Prep Date: 1/21/2021	Analysis [	Date: <b>1</b> /	23/2021	S	SeqNo: 2	640409	Units: mg/k	٢g		
Induce       0.97       0.049       0.9881       0.009573       97.0       78.5       120         Stithylbenzene       0.98       0.049       0.9881       0       99.2       78.1       124         Sylenes, Total       2.9       0.099       2.964       0       99.2       79.3       125         Sur: 4-Bromofluorobenzene       1.0       0.9881       0.09881       0       99.2       79.3       125         Sample ID: 2101763-002amsd       Samy Tye: MSJ       Test Code: EPA Method 8021B: Volatiles       Volatile       V	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Stample ID:       0.98       0.049       0.9881       0       99.2       78.1       124         Surr:       2.9       0.099       2.964       0       99.2       79.3       125         Surr:       1.0       0.9881       103       80       120         Sample ID:       2101763-002amsd       SampType:       MS       TestCode:       EPA Method 8021B:       Volatiles         Client ID:       S-2 0-1'       Batch ID:       57656       RunNo:       748.1       Units:       mg/Kg         Prep Date:       1/21/2021       Analysis       Date:       1/23/2021       SeqNo:       2640410       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Goluene       0.97       0.049       0.9843       0.009573       97.7       78.5       120       0.327       20         Sthylbenzene       0.99       0.049       0.9843       0       101       78.1       124       1.04       20         Sthylbenzene       0.99       0.049       0.9843       0       101       79.3       125       1	Benzene	0.93	0.025		0	94.2					
Analyte       Result       PQL       SPK value       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Velnes, Total       0.99       0.099       0.9881       0       99.2       79.3       125         Surr: 4-Bromofluorobenzene       1.0       0.9881       103       80       120         Sample ID: 2101763-002amsd       SampType: MSD       TestCode: EPA Method 8021B: Volatiles         Client ID:       S-2 0-1'       Batch ID: 57656       RunNo: 74814         Prep Date:       1/21/2021       Analysis Date:       1/23/2021       SeqNo: 2640410       Units: mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Velnes       0.91       0.025       0.9843       0.009573       97.7       78.5       120       0.327       20         Velnes       0.99       0.049       0.9843       0       101       78.1       124       1.04       20         Velnes, Total       3.0       0.098       2.953       0       101       79.3       125       1.08       20 <td>Toluene</td> <td>0.97</td> <td>0.049</td> <td>0.9881</td> <td>0.009573</td> <td>97.0</td> <td></td> <td>120</td> <td></td> <td></td> <td></td>	Toluene	0.97	0.049	0.9881	0.009573	97.0		120			
Surr: 4-Bromofluorobenzene       1.0       0.9881       103       80       120         Sample ID: 2101763-002amsd       SampType: MSD       TestCode: EPA Method 8021B: Volatiles         Client ID:       S-2 0-1'       Batch ID: 57656       RunNo: 74814         Prep Date:       1/21/2021       Analysis Date:       1/23/2021       SeqNo: 2640410       Units: mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Venzene       0.91       0.025       0.9843       0       92.6       76.3       120       2.06       20         Venzene       0.97       0.049       0.9843       0.009573       97.7       78.5       120       0.327       20         Venzene       0.99       0.049       0.9843       0       101       78.1       124       1.04       20         Venzene       3.0       0.098       2.953       0       101       79.3       125       1.08       20	Ethylbenzene	0.98	0.049	0.9881	0	99.2	78.1	124			
Sample ID: 2101763-002amsd       SampType: MSD       TestCode: EPA Method 8021B: Volatiles         Client ID:       S-2 0-1'       Batch ID: 57656       RunNo: 74814         Prep Date:       1/21/2021       Analysis Date:       1/23/2021       SeqNo: 2640410       Units: mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         denzene       0.91       0.025       0.9843       0       92.6       76.3       120       2.06       20         'oluene       0.97       0.049       0.9843       0.009573       97.7       78.5       120       0.327       20         'thylbenzene       0.99       0.049       0.9843       0       101       78.1       124       1.04       20         'glenes, Total       3.0       0.098       2.953       0       101       79.3       125       1.08       20	Xylenes, Total	2.9	0.099	2.964	0	99.2	79.3	125			
Client ID:       S-2 0-1'       Batch ID:       S7656       RunNo:       74814         Prep Date:       1/21/2021       Analysis Date:       1/23/2021       SeqNo:       2640410       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Benzene       0.91       0.025       0.9843       0       92.6       76.3       120       2.06       20         Soluene       0.97       0.049       0.9843       0.009573       97.7       78.5       120       0.327       20         Sthylbenzene       0.99       0.049       0.9843       0       101       78.1       124       1.04       20         Sylenes, Total       3.0       0.098       2.953       0       101       79.3       125       1.08       20	Surr: 4-Bromofluorobenzene	1.0		0.9881		103	80	120			
Prep Date:         1/21/2021         Analysis Date:         1/23/2021         SeqNo:         2640410         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Jenzene         0.91         0.025         0.9843         0         92.6         76.3         120         2.06         20           Joluene         0.97         0.049         0.9843         0.009573         97.7         78.5         120         0.327         20           Sthylbenzene         0.99         0.049         0.9843         0         101         78.1         124         1.04         20           Sylenes, Total         3.0         0.098         2.953         0         101         79.3         125         1.08         20	Sample ID: 2101763-002ams	d Samp	Type: MS	SD	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Benzene         0.91         0.025         0.9843         0         92.6         76.3         120         2.06         20           Foluene         0.97         0.049         0.9843         0.009573         97.7         78.5         120         0.327         20           Sthylbenzene         0.99         0.049         0.9843         0         101         78.1         124         1.04         20           Sylenes, Total         3.0         0.098         2.953         0         101         79.3         125         1.08         20	Client ID: S-2 0-1'	Batc	h ID: 57	656	F	RunNo: <b>7</b>	4814				
Benzene         0.91         0.025         0.9843         0         92.6         76.3         120         2.06         20           coluene         0.97         0.049         0.9843         0.009573         97.7         78.5         120         0.327         20           thylbenzene         0.99         0.049         0.9843         0         101         78.1         124         1.04         20           (ylenes, Total         3.0         0.098         2.953         0         101         79.3         125         1.08         20	Prep Date: 1/21/2021	Analysis [	Date: <b>1</b> /	23/2021	Ş	SeqNo: 2	640410	Units: mg/h	٢g		
Toluene0.970.0490.98430.00957397.778.51200.32720Ethylbenzene0.990.0490.9843010178.11241.0420Sylenes, Total3.00.0982.953010179.31251.0820	Analyte							0			Qual
Ithylbenzene0.990.0490.9843010178.11241.0420(ylenes, Total3.00.0982.953010179.31251.0820	Benzene										
ylenes, Total 3.0 0.098 2.953 0 101 79.3 125 1.08 20	Toluene										
	Ethylbenzene				0	101			1.04	20	
Surr: 4-Bromofluorobenzene         1.0         0.9843         105         80         120         0         0	Xylenes, Total		0.098		0					20	
	Surr: 4-Bromofluorobenzene	1.0		0.9843		105	80	120	0	0	

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Η 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

**QC SUMMARY REPORT** 

- 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

ň	ANAL	RONMENT YSIS RATORY	AL	TE	l Environme. L: 505-345-3 ebsite: client	490) Albuquerqu 1975 FAX: 2	Hawkins ue, NM 87 505-345-4	NE 109 <b>Sar</b> 107	nple Log-In C	Check List
Client	t Name:	Talon Artes	sia	Work	Order Num	ber: 2101	763		RcptNo	1
Receiv	ved By:	Isaiah Ori	tiz	1/21/20	21 7:48:00	АМ		ILC	2×	
	leted By:	Isaiah Ori			21 8:01:14	AM		ILC	2-1	
Review	wed By:	JR 1	21/21							
Chair	1 of Cus	tody								
1. Is (	Chain of C	ustody comp	lete?			Yes	$\checkmark$	No 🗌	Not Present	
2. Hov	w was the	sample deliv	vered?			<u>Couri</u>	er			
<u>Log</u> 3. Wa		npt made to o	cool the sam	ples?		Yes	<b>V</b>	No 🗌		
4. Wei	re all samp	ples received	at a temper	ature of >0° C t	o 6.0°C	Yes	<b>V</b>	No 🗌	NA 🗌	
5. Sar	nple(s) in	proper conta	iner(s)?			Yes	$\checkmark$	No 🗌		
6. Suff	ficient sam	ple volume f	or indicated	test(s)?		Yes		No 🗌		
7. Are	samples (	except VOA	and ONG) p	roperly preserve	d?	Yes	$\checkmark$	No 🗌		
8. Was	s preserva	tive added to	bottles?			Yes		No 🗹	NA 🗌	
9. Rec	eived at le	east 1 vial wit	h headspace	e <1/4" for AQ V	OA?	Yes		No 🗌	NA 🗹	/
10. We	re any san	nple containe	ers received	broken?		Yes		No 🗹	#	
		ork match bo ancies on cha		V)		Yes	<b>V</b>	No 🗌	# of preserved bottles checked for pH:	>12 unless noted)
				ain of Custody?		Yes	$\checkmark$	No 🗌	Adjusted?	.2 amoto notoa)
		t analyses we					$\checkmark$	No 🗌		
		ng times able ustomer for a		.)		Yes	$\checkmark$	No 🗌	Checked by: S	562 1/21/21
<u>Specia</u>	al Handl	ing (if app	olicable)							
15. Wa	s client no	tified of all d	iscrepancies	with this order?		Yes		No 🗌	NA 🗹	
	Person	Notified:			Date	, 				
	By Who				Via:	🗌 eMa	il 🗌 Ph	one 🗌 Fax	In Person	
	Regardi Client Ir	ing: nstructions:								
16. Ad	ditional rei		1							
	oler Infor									
	Cooler No		Condition	Seal Intact	Seal No	Seal Da	te	Signed By	1	
1		0.7	Good	Not Present						
2		0.4	Good	Not Present						

Chain-of-Custody Record	Turn-Around Time: $y - d_a \chi$ Standard Drush	HALL ENVIRONMENT	ITAL
	Project Name:		IORY
Mailing Address:	Fairchild 24 Fee # 0024	4901 Hawkins NE - Albuquerque, NM 87109	
	Project #:		
Phone #:	702604.0.5301	Analycia	
email or Fax#:	ler:		
QA/QC Package:		୦S ' S ଽ,ଽ ୦ଧା/	
□ Standard □ Level 4 (Full Validation)	R Pons	<sup>₽</sup> Oc WIS	
Accreditation:	Sampler: B Sinclair	ода / 1 280 1 ;sO 2570	
	🖬 Yes 🛛	(A)	
	00	(GR ides (3, 03, 03, 10 ( 3, 10 ( 3, 10 ( 3, 10 ( 3, 10 ( 3, 10 ( 3, 10 ( 10 ( 10 ( 10 ( 10 ( 10 ( 10 ( 10 (	
	Cooler Temp(including cF): O. 4 - 5 - C	etho etho / 83 Me <sup>r</sup> , N (AC	
NA		EX / B1 Pe B31 Pe B31 Pe B31 Pe B31 Pe B31 Co	
	1 ype and # Type ZIOI762	823 823 826 809 809 809	
1-19-21 12:41 Soil 5-1 0-1	Yoziar ice 0		
12:45 5-2 0-1			
12:48 5-3 0-1			
12:51 5-4 0-1			
12:54 5-5 0-1			
12:59 5-6 0-1			
13:02 5-62			
13:05 5-63			
13:09 5-7 0-1'			
13:13 5-7 2	C		
13:16 5-7 3			
Deho: 13:19 5-7 4			
I Der Voluciona by:	Received by: Via: Date Time	Remarks:	_
Date: Time: Relincuished hv.	MMMMM 1		
	Received by: Via: U Date Time		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ind own that I mus	A 191	10f2
If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories	This	serves as notice of this noscibility. Any curb contracted data will be a served	

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. bidin y, 0

HALL ENVIRONMENTAL ANALYSIS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109		Analysis		SMIS0 PO₄, SO	л 8270 ИО <sub>2</sub> ,	003, tals tals	y 83 3 Me 3r, <i>N</i> (AO)	EDB (M PAHs b RCRA 8 S260 (V S270 (S Total Cd													ZIZI 0748 10 2042
		4901 Ha	Tel. 50		(0	PCB's O / MRC	2808/	səp	ioitee	9 1808										rks:			4.00
					-	1208) s					$\langle \rangle$							_	 	Remarks:			Hildiopod
Turn-Around Time: $y - d_a \gamma$ Standard $\Box$ Rush Project Name:		Fairchild 24 Fee #002H		702604.053.01		R Pons	Sampler: B Sinclaic On Ice: D Yes D No	olers: 7 07	(inc	Container Preservative HEAL No. Type and # Type	1	SIG 1	MUS	016	510 SI	018	Q.9	020		Referved by: Via: Date Time	100/ 100/ 102/		
Client: Talen LPE	Molifica Address.	Maining Audress. ON File		Phone #:	email or Fax#:	QA/QC Package:	Accreditation:	() ()		Date Time Matrix Sample Name	1-19-21 13:26 50; 5-8 0-1	13:30 5-8 2	13:35 5-8 31	13:39 5-84	13:42 5-9 0-1	13:47 5-9 2	13:51 5-93	13:53 5-9 4'		Date: Time: Relinquished by:	1501 16	Relinqu	If necessary, samples submitted to Hall Ethnicalmental may be submotified to other acredited laboratoriae



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

February 04, 2021

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

OrderNo.: 2101B04

RE: Fairchild 24 002

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 8 sample(s) on 1/30/2021 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

Date Reported: 2/4/2021

	515 248 01 4001 39	1			Date Reported. 2/4/202	1
CLIENT: Talon Artesia		Clie	ent Sample II	<b>D:</b> S2	A05'	
Project: Fairchild 24 002		С	ollection Dat	<b>e:</b> 1/2	29/2021 9:10:00 AM	
Lab ID: 2101B04-001	Matrix: SOIL	I	Received Dat	<b>e:</b> 1/3	80/2021 9:00:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	970	60	mg/Kg	20	2/2/2021 11:41:18 AM	57845
EPA METHOD 8015M/D: DIESEL RAM	NGE ORGANICS				Analyst	: mb
Diesel Range Organics (DRO)	9.6	9.3	mg/Kg	1	2/2/2021 9:24:43 AM	57834
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	2/2/2021 9:24:43 AM	57834
Surr: DNOP	85.3	30.4-154	%Rec	1	2/2/2021 9:24:43 AM	57834
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/2/2021 7:53:00 PM	57826

Hall Environmental Analysis Laboratory, Inc.

eacenne range ergannee (erte)				•	2,2,202111001001111	0.010
Surr: BFB	95.5	75.3-105	%Rec	1	2/2/2021 7:53:00 PM	57826
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	2/2/2021 7:53:00 PM	57826
Toluene	ND	0.048	mg/Kg	1	2/2/2021 7:53:00 PM	57826
Ethylbenzene	ND	0.048	mg/Kg	1	2/2/2021 7:53:00 PM	57826
Xylenes, Total	ND	0.096	mg/Kg	1	2/2/2021 7:53:00 PM	57826
Surr: 4-Bromofluorobenzene	101	80-120	%Rec	1	2/2/2021 7:53:00 PM	57826

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 12

Date Reported: 2/4/2021

	-				-	
CLIENT: Talon Artesia		Cli	ient Sample II	D: S3	A-1'	
Project: Fairchild 24 002		(	<b>Collection Dat</b>	<b>e:</b> 1/2	.9/2021 9:15:00 AM	
Lab ID: 2101B04-002	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 1/3	30/2021 9:00:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	880	60	mg/Kg	20	2/2/2021 12:43:20 PM	57845
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	mb
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	2/2/2021 10:59:26 AM	57834
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	2/2/2021 10:59:26 AM	57834
Surr: DNOP	99.2	30.4-154	%Rec	1	2/2/2021 10:59:26 AM	57834
EPA METHOD 8015D: GASOLINE RANG	GE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	2/2/2021 9:03:55 PM	57826
Surr: BFB	94.7	75.3-105	%Rec	1	2/2/2021 9:03:55 PM	57826
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	2/2/2021 9:03:55 PM	57826
Toluene	ND	0.047	mg/Kg	1	2/2/2021 9:03:55 PM	57826
Ethylbenzene	ND	0.047	mg/Kg	1	2/2/2021 9:03:55 PM	57826
Xylenes, Total	ND	0.094	mg/Kg	1	2/2/2021 9:03:55 PM	57826
Surr: 4-Bromofluorobenzene	98.6	80-120	%Rec	1	2/2/2021 9:03:55 PM	57826

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

Hall Environmental Analysis Laboratory, Inc.

- 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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Date Reported: 2/4/2021

CLIENT: Talon Artesia		Clie	ent Sample II	<b>D:</b> S4.	A05'	
Project: Fairchild 24 002		С	ollection Dat	<b>e:</b> 1/2	9/2021 10:00:00 AM	
Lab ID: 2101B04-003	Matrix: SOIL	I	Received Dat	<b>e:</b> 1/3	0/2021 9:00:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	1100	60	mg/Kg	20	2/2/2021 12:55:45 PM	57845
EPA METHOD 8015M/D: DIESEL RANG	<b>BE ORGANICS</b>				Analyst	mb
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	2/2/2021 11:23:10 AM	57834
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	2/2/2021 11:23:10 AM	57834
Surr: DNOP	97.0	30.4-154	%Rec	1	2/2/2021 11:23:10 AM	57834
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/2/2021 9:27:35 PM	57826
Surr: BFB	95.8	75.3-105	%Rec	1	2/2/2021 9:27:35 PM	57826
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	2/2/2021 9:27:35 PM	57826
Toluene	ND	0.049	mg/Kg	1	2/2/2021 9:27:35 PM	57826
Ethylbenzene	ND	0.049	mg/Kg	1	2/2/2021 9:27:35 PM	57826
Xylenes, Total	ND	0.098	mg/Kg	1	2/2/2021 9:27:35 PM	57826
Surr: 4-Bromofluorobenzene	99.7	80-120	%Rec	1	2/2/2021 9:27:35 PM	57826

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

Hall Environmental Analysis Laboratory, Inc.

- 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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Date Reported: 2/4/2021

y ~						1				
CLIENT: Talon Artesia		Clie	nt Sample II	<b>D:</b> S5.	A05'					
Project: Fairchild 24 002	Collection Date: 1/29/2021 10:30:00 AM									
Lab ID: 2101B04-004	Matrix: SOIL	R	Received Date: 1/30/2021 9:00:00 AM							
Analyses	Result	RL (	RL Qual Units		DF Date Analyzed					
EPA METHOD 300.0: ANIONS					Analyst	VP				
Chloride	540	60	mg/Kg	20	2/2/2021 1:08:09 PM	57845				
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	mb				
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	2/2/2021 11:46:56 AM	57834				
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	2/2/2021 11:46:56 AM	57834				
Surr: DNOP	87.5	30.4-154	%Rec	1	2/2/2021 11:46:56 AM	57834				
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	NSB				
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	2/2/2021 9:51:02 PM	57826				
Surr: BFB	98.7	75.3-105	%Rec	1	2/2/2021 9:51:02 PM	57826				
EPA METHOD 8021B: VOLATILES					Analyst	NSB				
Benzene	ND	0.025	mg/Kg	1	2/2/2021 9:51:02 PM	57826				
Toluene	ND	0.050	mg/Kg	1	2/2/2021 9:51:02 PM	57826				
Ethylbenzene	ND	0.050	mg/Kg	1	2/2/2021 9:51:02 PM	57826				
Xylenes, Total	ND	0.099	mg/Kg	1	2/2/2021 9:51:02 PM	57826				
Surr: 4-Bromofluorobenzene	103	80-120	%Rec	1	2/2/2021 9:51:02 PM	57826				

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

Hall Environmental Analysis Laboratory, Inc.

- 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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Date Reported: 2/4/2021

CLIENT: Talon Artesia		Cli	ent Sample II	<b>D:</b> S6.	A05'					
Project: Fairchild 24 002	Collection Date: 1/29/2021 11:10:00 AM									
Lab ID: 2101B04-005	Matrix: SOIL	]	Received Date: 1/30/2021 9:00:00 AM							
Analyses	Result	RL Qual Units		DF	Batch					
EPA METHOD 300.0: ANIONS					Analyst	VP				
Chloride	77	59	mg/Kg	20	2/2/2021 1:20:34 PM	57845				
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	mb				
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	2/2/2021 12:10:41 PM	57834				
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	2/2/2021 12:10:41 PM	57834				
Surr: DNOP	83.0	30.4-154	%Rec	1	2/2/2021 12:10:41 PM	57834				
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst	NSB				
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/2/2021 10:14:34 PM	57826				
Surr: BFB	98.4	75.3-105	%Rec	1	2/2/2021 10:14:34 PM	57826				
EPA METHOD 8021B: VOLATILES					Analyst	NSB				
Benzene	ND	0.025	mg/Kg	1	2/2/2021 10:14:34 PM	57826				
Toluene	ND	0.049	mg/Kg	1	2/2/2021 10:14:34 PM	57826				
Ethylbenzene	ND	0.049	mg/Kg	1	2/2/2021 10:14:34 PM	57826				
Xylenes, Total	ND	0.098	mg/Kg	1	2/2/2021 10:14:34 PM	57826				
Surr: 4-Bromofluorobenzene	102	80-120	%Rec	1	2/2/2021 10:14:34 PM	57826				

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

Hall Environmental Analysis Laboratory, Inc.

- 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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Date Reported: 2/4/2021

y ~											
CLIENT: Talon Artesia	Client Sample ID: S7A-2'										
Project: Fairchild 24 002	Collection Date: 1/29/2021 11:20:00 AM										
Lab ID: 2101B04-006	Matrix: SOIL		Received Date: 1/30/2021 9:00:00 AM								
Analyses	Result	RL Qual Units		DF	Batch						
EPA METHOD 300.0: ANIONS					Analyst	VP					
Chloride	1100	60	mg/Kg	20	2/2/2021 1:32:58 PM	57845					
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	mb					
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	2/2/2021 12:34:29 PM	57834					
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	2/2/2021 12:34:29 PM	57834					
Surr: DNOP	98.4	30.4-154	%Rec	1	2/2/2021 12:34:29 PM	57834					
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	NSB					
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/2/2021 10:38:09 PM	57826					
Surr: BFB	98.2	75.3-105	%Rec	1	2/2/2021 10:38:09 PM	57826					
EPA METHOD 8021B: VOLATILES					Analyst	NSB					
Benzene	ND	0.024	mg/Kg	1	2/2/2021 10:38:09 PM	57826					
Toluene	ND	0.049	mg/Kg	1	2/2/2021 10:38:09 PM	57826					
Ethylbenzene	ND	0.049	mg/Kg	1	2/2/2021 10:38:09 PM	57826					
Xylenes, Total	ND	0.098	mg/Kg	1	2/2/2021 10:38:09 PM	57826					
Surr: 4-Bromofluorobenzene	102	80-120	%Rec	1	2/2/2021 10:38:09 PM	57826					

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 6 of 12

# Hall Environmental Analysis Laboratory, Inc.

Date Reported: 2/4/2021

CLIENT: Talon Artesia	ient Sample II	<b>):</b> S8	A-2'							
Project: Fairchild 24 002	Collection Date: 1/29/2021 11:30:00 AM									
Lab ID: 2101B04-007	Matrix: SOIL		Received Date: 1/30/2021 9:00:00 AM							
Analyses	Result	RL Qual Units		DF	Batch					
EPA METHOD 300.0: ANIONS					Analyst	VP				
Chloride	440	59	mg/Kg	20	2/2/2021 1:45:23 PM	57845				
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	mb				
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	2/2/2021 12:58:20 PM	57834				
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	2/2/2021 12:58:20 PM	57834				
Surr: DNOP	85.8	30.4-154	%Rec	1	2/2/2021 12:58:20 PM	57834				
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	NSB				
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	2/2/2021 11:01:44 PM	57826				
Surr: BFB	96.9	75.3-105	%Rec	1	2/2/2021 11:01:44 PM	57826				
EPA METHOD 8021B: VOLATILES					Analyst	NSB				
Benzene	ND	0.025	mg/Kg	1	2/2/2021 11:01:44 PM	57826				
Toluene	ND	0.050	mg/Kg	1	2/2/2021 11:01:44 PM	57826				
Ethylbenzene	ND	0.050	mg/Kg	1	2/2/2021 11:01:44 PM	57826				
Xylenes, Total	ND	0.099	mg/Kg	1	2/2/2021 11:01:44 PM	57826				
Surr: 4-Bromofluorobenzene	101	80-120	%Rec	1	2/2/2021 11:01:44 PM	57826				

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

Hall Environmental Analysis Laboratory, Inc.

- 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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Date Reported: 2/4/2021

						1				
CLIENT: Talon Artesia		Cli	ient Sample II	<b>D:</b> S9	A-2'					
Project: Fairchild 24 002	Collection Date: 1/29/2021 12:10:00 PM									
Lab ID: 2101B04-008	Matrix: SOIL		<b>Received Dat</b>	Received Date: 1/30/2021 9:00:00 AM						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS					Analyst	: VP				
Chloride	100	59	mg/Kg	20	2/2/2021 1:57:47 PM	57845				
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	mb				
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	2/2/2021 1:22:14 PM	57834				
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	2/2/2021 1:22:14 PM	57834				
Surr: DNOP	79.5	30.4-154	%Rec	1	2/2/2021 1:22:14 PM	57834				
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	: NSB				
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	2/3/2021 12:12:17 AM	57826				
Surr: BFB	96.4	75.3-105	%Rec	1	2/3/2021 12:12:17 AM	57826				
EPA METHOD 8021B: VOLATILES					Analyst	NSB				
Benzene	ND	0.023	mg/Kg	1	2/3/2021 12:12:17 AM	57826				
Toluene	ND	0.047	mg/Kg	1	2/3/2021 12:12:17 AM	57826				
Ethylbenzene	ND	0.047	mg/Kg	1	2/3/2021 12:12:17 AM	57826				
Xylenes, Total	ND	0.094	mg/Kg	1	2/3/2021 12:12:17 AM	57826				
Surr: 4-Bromofluorobenzene	99.6	80-120	%Rec	1	2/3/2021 12:12:17 AM	57826				

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
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- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

Hall Environmental Analysis Laboratory, Inc.

- B Analyte detected in the associated Method Blank
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- 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.

Client: Project:		Artesia iild 24 002									
Sample ID: N	/IB-57845	SampT	ype: ME	BLK	Tes	TestCode: EPA Method 300.0: Anions					
Client ID: P	PBS	Batch	ID: 57	845	F	RunNo: 7	5018				
Prep Date:	2/2/2021	Analysis D	ate: <b>2/</b>	2/2021	S	SeqNo: 2	648176	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID: L	_CS-57845	SampT	ype: LC	S	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID: L	CSS	Batch	ID: 57	845	F	RunNo: 7	5018				
Prep Date:	2/2/2021	Analysis D	ate: <b>2/</b>	2/2021	SeqNo: 2648177			Units: mg/K	g		
Analyte		Result	PQL	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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QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2101B04** *04-Feb-21* 

Client: Talon A Project: Fairchile	rtesia 1 24 002										
Sample ID: MB-57834	D: MB-57834 SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 5	Batch ID: 57834			5004						
Prep Date: 2/1/2021	Analysis Date:	2/2/2021	5	SeqNo: 26	647841	Units: mg/K	g				
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	ND 1	C									
Motor Oil Range Organics (MRO)	ND 5	C									
Surr: DNOP	8.7	10.00		87.2	30.4	154					
Sample ID: LCS-57834	SampType: L	CS	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics			
Client ID: LCSS	Batch ID: 57834			RunNo: <b>75004</b>							
Prep Date: 2/1/2021	Analysis Date:	2/2/2021	5	SeqNo: 26	647842	Units: mg/K	g				
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	47 1	0 50.00	0	93.4	68.9	141					
Surr: DNOP	4.4	5.000		88.0	30.4	154					
Sample ID: 2101B04-001AM	S SampType: N	IS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S2A05'	Batch ID: 5	7834	RunNo: <b>75004</b>								
Prep Date: 2/1/2021	Analysis Date:	2/2/2021	S	SeqNo: 26	647844	Units: mg/K	g				
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	41 1	0 49.90	9.632	62.3	15	184					
Surr: DNOP	3.6	4.990		73.0	30.4	154					
Sample ID: 2101B04-001AM	SD SampType: N	ISD	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics			
Client ID: S2A05'	Batch ID: 5	7834	F	RunNo: 75	5004						
Prep Date: 2/1/2021	Analysis Date:	2/2/2021	S	SeqNo: 26	647845	Units: mg/K	g				
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	43 9.	5 47.26	9.632	71.2	15	184	6.11	23.9			
Surr: DNOP	4.0	4.726		84.0	30.4	154	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.

WO#: **2101B04** *04-Feb-21* 

Client: Project:	Talon Ar Fairchild										
Sample ID:	mb-57826	SampTy	/pe: ME	BLK	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID:	PBS	Batch	ID: 57	826	F	RunNo: 7	5015				
Prep Date:	2/1/2021	Analysis Da	ate: <b>2</b> /	2/2021	5	SeqNo: 2	648094	Units: mg/K	ſg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	ge Organics (GRO)	ND 960	5.0	1000		96.2	75.3	105			
Sample ID:	lcs-57826	SampTy	/pe: LC	S	Tes	tCode: E	PA Method	8015D: Gasc	line Rang	e	
Client ID:	LCSS	Batch	ID: 57	826	F	RunNo: 7	5015				
Prep Date:	2/1/2021	Analysis Da	ate: <b>2</b> /	2/2021	S	SeqNo: 2	648095	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	ge Organics (GRO)	24	5.0	25.00	0	95.5	80	120			
Surr: BFB		1100		1000		107	75.3	105			S
Sample ID	2101b04-001ams	SampTy	/pe: <b>M\$</b>	6	Tes	tCode: E	PA Method	8015D: Gasc	line Rang	e	
Client ID:	S2A05'	Batch	ID: 57	826	RunNo: 75015						
Prep Date:	2/1/2021	Analysis Da	ate: <b>2</b> /	2/2021	5	SeqNo: 2	648098	Units: mg/Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	ge Organics (GRO)	26	5.0	24.75	0	107	61.3	114			
Surr: BFB		1100		990.1		107	75.3	105			S
Sample ID:	2101b04-001amsc	SampTy	/pe: <b>M</b> \$	SD	Tes	tCode: E	PA Method	8015D: Gasc	line Rang	е	
Client ID:	S2A05'	Batch	ID: 57	826	F	RunNo: 7	5015				
Prep Date:	2/1/2021	Analysis Da	ate: <b>2</b> /	2/2021	S	SeqNo: 2	648099	Units: mg/Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	ge Organics (GRO)	26	4.8	23.83	0	109	61.3	114	1.94	20	
Surr: BFB		1000		953.3		110	75.3	105	0	0	S

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- P Sample pH Not In Range
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QC SUMMARY REPORT	
Hall Environmental Analysis Laboratory, Inc.	

WO#: 2101B04

	n Artesia hild 24 002										
Sample ID: mb-57826 SampType: MBLK				TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batc	h ID: 57	826	F	RunNo: 7						
Prep Date: 2/1/2021	Analysis E	Date: <b>2</b> /	2/2021	SeqNo: 2648134			Units: <b>mg/Kg</b>				
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	1.0		1.000		100	80	120				
Sample ID: LCS-57826	SampT	ype: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles			
Client ID: LCSS	Batcl	h ID: 57	826	F	RunNo: 7	5015					
Prep Date: 2/1/2021	Analysis E	Date: <b>2</b> /	2/2021	S	SeqNo: 20	648135	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.94	0.025	1.000	0	93.5	80	120				
Toluene	0.95	0.050	1.000	0	95.4	80	120				
Ethylbenzene	0.94	0.050	1.000	0	93.6	80	120				
Xylenes, Total	2.8	0.10	3.000	0	93.7	80	120				
Surr: 4-Bromofluorobenzene	0.99		1.000		99.3	80	120				

Qualifiers:

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- Р Sample pH Not In Range
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<sup>04-</sup>Feb-21

HALL ENVIRON ANALYSI LABORA		Hall Environmental Albi TEL: 505-345-3975 Website: clients.ha	4901 Hawi iquerque. NM FAX: 505-34	kins NE 187109 <b>Sar</b> 15-4107	nple Log-In C	heck List
Client Name: Ta	lon Artesia	Work Order Number:	2101B04		RcptNo:	1
Completed By: E	uan Rojas Frin Melendrez 2211/21	1/30/2021 9:00:00 AM 2/1/2021 12:37:34 PM		Yuaw Ba G		
Chain of Custod	<u>dy</u>					
1. Is Chain of Custo	ody complete?		Yes 🔽	No 🗌	Not Present	
2. How was the san	nple delivered?		Courier			
Log In 3. Was an attempt r	nade to cool the samples?		Yes 🔽	No 🗌	NA 🗌	
4. Were all samples	received at a temperature of	of >0° C to 6.0°C	Yes 🔽	No 🗌		
5. Sample(s) in prop	per container(s)?		Yes 🔽	No 🗌		
6. Sufficient sample	volume for indicated test(s)	?	Yes 🗹	No 🗌		
7. Are samples (exc	ept VOA and ONG) properly	preserved?	Yes 🔽	No 🗌		
8. Was preservative	added to bottles?		Yes	No 🔽	NA 🗌	
9. Received at least	1 vial with headspace <1/4"	for AQ VOA?	Yes 🗌	No 🗌	NA 🔽	
10. Were any sample	containers received broken	?	Yes 🗌	No 🗹	# of preserved	/
11. Does paperwork r (Note discrepancie	natch bottle labels? es on chain of custody)		Yes 🔽	No 🗌		>12 unless noted)
12. Are matrices corre	ectly identified on Chain of C	ustody?	Yes 🗹	No 🗌	Adjusted?	
	alyses were requested?		Yes 🗹	No 🗌		
14. Were all holding ti (If no, notify custo	mes able to be met? mer for authorization.)		Yes 🗹	No 🗌	Checked by: D	AD 02/01/21
Special Handling	(if applicable)					
15. Was client notifie	d of all discrepancies with th	is order?	Yes 🗌	No 🗌	NA 🗹	
Person Not By Whom: Regarding: Client Instru		Date: Via:	] eMail 🗌	Phone 🗌 Fax	In Person	
16. Additional remar	ks:					
17. <u>Cooler Informat</u> Cooler No 1 2.	Temp °C Condition Se	al Intact Seal No S	eal Date	Signed By		

Chain-of-Custody Record	Turn-Around Time:							ENNTRONMATERITAL	=	
Client: Talon LPE	Standard     Standard	it almas			NAL	STS.	LAB	ANALYSIS LABORATORY		
408 W Texas St	Project Name:	Ç			www.hallenvironmental.com	nvironm	ental.con	E	1 1 1	
Mailing Address: Artesia, NM 88210	Faikehild 2	4 #002	490	1 Hawki	4901 Hawkins NE - Albuquerque, NM 87109	Albuque	que, NN	187109		2
	(	6	Tel.	505-34	505-345-3975	Fax 5	505-345-4107	107		
Phone #: 575-441-0980	202104,05	2 101			An	Analysis Request	equest			
email or Fax#: (575) 746-8905	Project Manager:	.)	-			*0°	(tu			
QA/QC Package:	Rebecca Pons			PCB's		5 '‡Od	əzdAttı			
□ Az Con	Sampler: R 1945	- Reuper			1	100 <sup>2</sup>	-		Į,	
	olers: 1		_		stals	103'				
	Cooler Temp(including CF): 2, 1	1.220-1			əM 8		1.10192.02	-	R	
Date Time Matrix Samula Name	Container Preservative	2101 BOLD	1 X 3 TEX /	N) 803	a aHAc 8 AADF	3260 (V	2) 0728 D listo (S		⊖≹	
010	Jule	-001	1			1				
	2	- 002								
* 1,29 10:00 5.4 A - "05'	7	- 003								
N 1/2/10/30 544 - 05'	>	hoo-								
- Vist / 1/10 - 5/04 - 105'	7	- 005					_		-1	
- V-3/11/20 57.4-2,	>	- 006								
2 V30 11:30 584-21	>	100-								
1/20/12/10 594-2'	7	~008	_							
				_						
Date: Time: Relinquished by: Pate: Time: Relinquished by: Date: Time: Relinquished by: V.2011/900 O.0000000000000000000000000000000000	Received by: Via: Received ay: Via:	Date Time Date Time	Remarks: Dadk Rpon Bsinc	Ple kins@ta ns@talo clair@ta	arks: Please cc the Dadkins@talonlpe.com Rpons@talonlpe.com Bsinclair@talonlpe.com	m # Pl	Ber Rel	Larks: Please cc the following via email: Dadkins@talonlpe.com * Per Rebecco Rpons@talonlpe.com 011 501mp1eb We Bsinclair@talonlpe.com 011 501mp1eb We	Pons, ine ridolu	(2/12/17)
If necessary, samples submitted to Hall Environmental maybe subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report - ENM 2/1/2/	ubcontracted to other accredited laboratories.	This serves as notice of this	possibility. A	ry sub-cont	racted data w	II be clearly	ENM ENM	he analytical report. Z///Z/	2	*

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