

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	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 ☒ 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)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) .5	Volume Recovered (bbls)
<input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> 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.

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Rebecca Pons</u>	Title: <u>Project Manager</u>
Signature: _____	Date: <u>01/18/2021</u>
email: <u>rpons@talonlpe.com</u>	Telephone: <u>575-441-0980</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>3/10/2021</u>

Incident ID	NAPP2101841481
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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?	60 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.

<p>Characterization Report Checklist: <i>Each of the following items must be included in the report.</i></p> <ul style="list-style-type: none"><input checked="" type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.<input checked="" type="checkbox"/> Field data<input checked="" type="checkbox"/> Data table of soil contaminant concentration data<input checked="" type="checkbox"/> Depth to water determination<input checked="" type="checkbox"/> Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release<input checked="" type="checkbox"/> Boring or excavation logs<input checked="" type="checkbox"/> Photographs including date and GIS information<input type="checkbox"/> Topographic/Aerial maps<input type="checkbox"/> Laboratory data including chain of custody

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

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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: 3/11/2020

email: Rpons@talonlpe.com Telephone: 575-441-0980

OCD Only

Received by: Ramona Marcus Date: 3/10/2021

Incident ID	nAPP2101841481
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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 Digitally signed by Rebecca Pons
DN: cn=Rebecca Pons, o=Talon LPE,
ou=Advisors, email=Rpons@talonlpe.com,
c=US
Date: 2021.02.03 13:55:52 -0700 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: _____

talonlpe.com • 866.742.0742



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. 1st 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 Groundwater	60 Feet/BGS
----------------------------------	-------------

- | | |
|---|---|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Within 300 feet of any continuously flowing watercourse or any other significant watercourse |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Within 200 feet of any lakebed, sinkhole or a playa lake |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Within 300 feet from an occupied permanent residence, school, hospital, institution or church |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Within 1000 feet of any freshwater well or spring |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978 |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Within 300 feet of a wetland |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Within the area overlying a subsurface mine |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Within an unstable area |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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	EPA 300.0 or SM4500 Cl B	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Incident Description

On 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.

01-21-21 Soil Sample Laboratory Results

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
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 1000 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
S-6	1/19/2021	0-1'	ND	ND	ND	ND	ND	-	140
	1/19/2021	2'	ND	ND	ND	ND	ND	-	200
	1/19/2021	3'	ND	ND	ND	ND	ND	-	710
S-7	1/19/2021	0-1'	ND	ND	29	420	200	649	5300
	1/19/2021	2'	ND	ND	ND	ND	ND	-	690
	1/19/2021	3'	ND	ND	ND	ND	ND	-	840
	1/19/2021	4'	ND	ND	ND	ND	ND	-	510
S-8	1/19/2021	0-1'	ND	ND	900	3100	1400	5400	7600
	1/19/2021	2'	ND	ND	ND	13	ND	13	670
	1/19/2021	3'	ND	ND	ND	37	ND	37	250
	1/19/2021	4'	ND	ND	ND	ND	ND	-	ND
S-9	1/19/2021	0-1'	ND	ND	ND	ND	ND	-	4200
	1/19/2021	2'	ND	ND	ND	ND	ND	-	930
	1/19/2021	3'	ND	ND	ND	ND	ND	-	350
	1/19/2021	4'	ND	ND	ND	ND	ND	-	99

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.

02-04-21 Soil Sample Laboratory Results

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
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 2500 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

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
Rebecca Pons
Senior Project Manager

Digitally signed by Rebecca Pons
DN: cn=Rebecca Pons, o=Talon
LPE, ou=Artesia,
email=rppons@talonlpe.com,
c=US
Date: 2021.03.03 13:55:18 -0700

David J.
Adkins
David J. Adkins
Regional Manager

Digitally signed by David J. Adkins
DN: cn=David J. Adkins, o=Talon/
LPE, ou=Regional Manager,
email=dadkins@talonlpe.com, c=US
Date: 2021.02.22 14:14:47 -0700

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

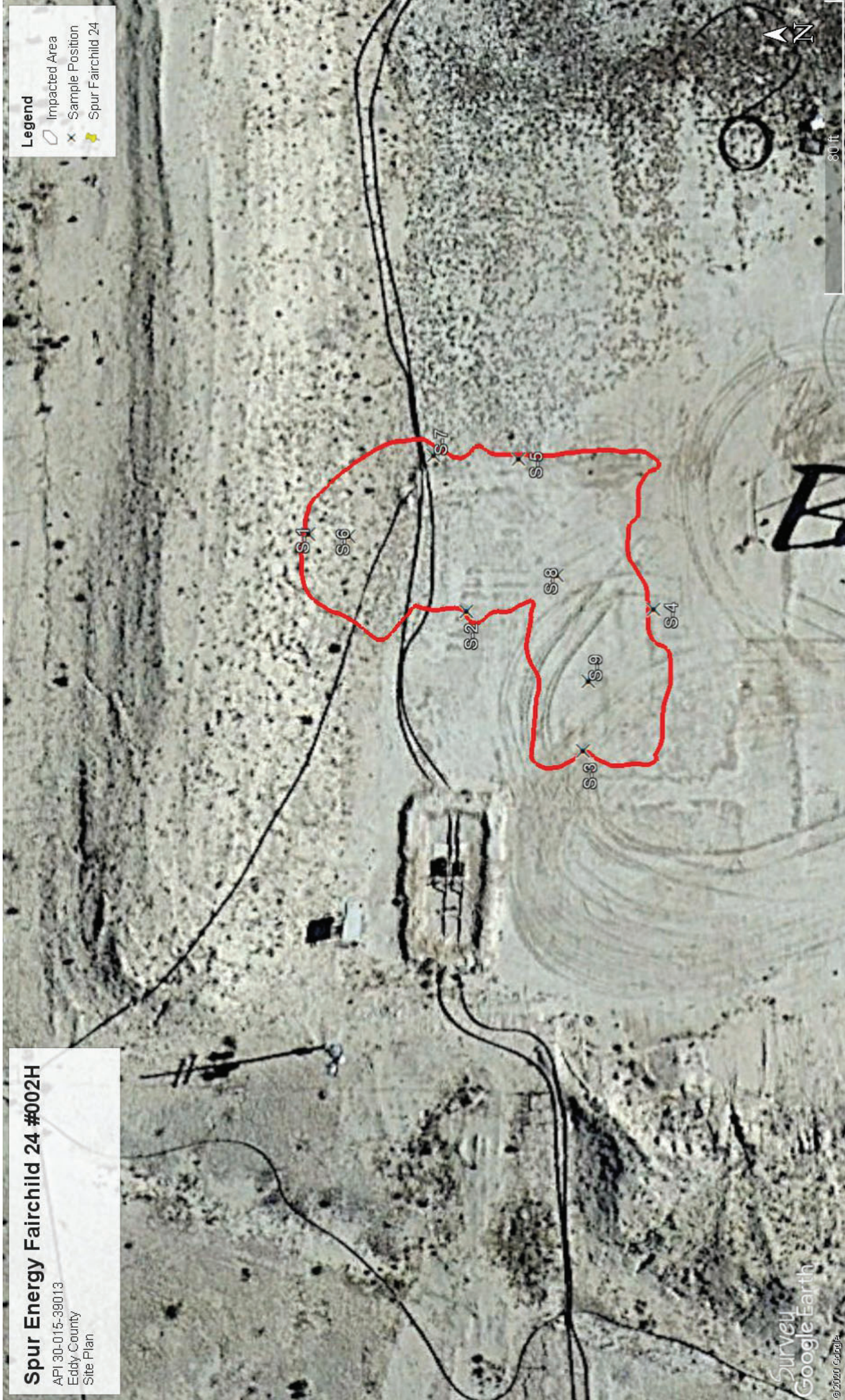
SITE MAPS

Spur Energy Fairchild 24 #002H

API 30-015-38013
Eddy County
Site Plan

Legend


- Impacted Area
- Sample Position
- Spur Fairchild 24



Spur Energy Fairchild 24 #002H

API 30-015-39013
Eddy County
Vicinity Map

Legend

 Fairchild 24 #002H

Rocking IR Red Rd

21

Fairchild 24 #002H

Survey
Google Earth

©2020 Google

2000 ft

N

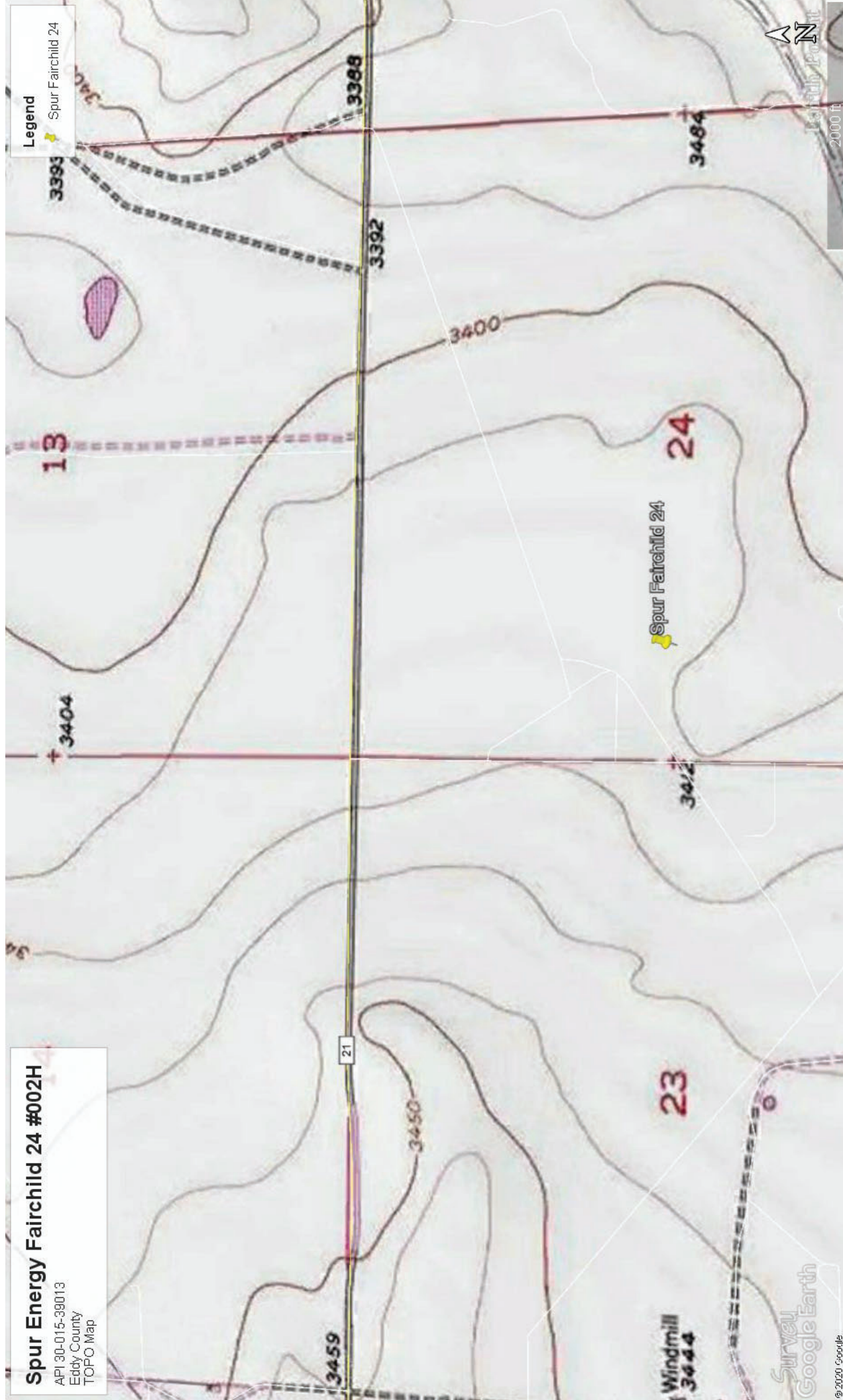


Spur Energy Fairchild 24 #002H

API 30-015-39013
Eddy County
TOPO Map

Legend

Spur Fairchild 24

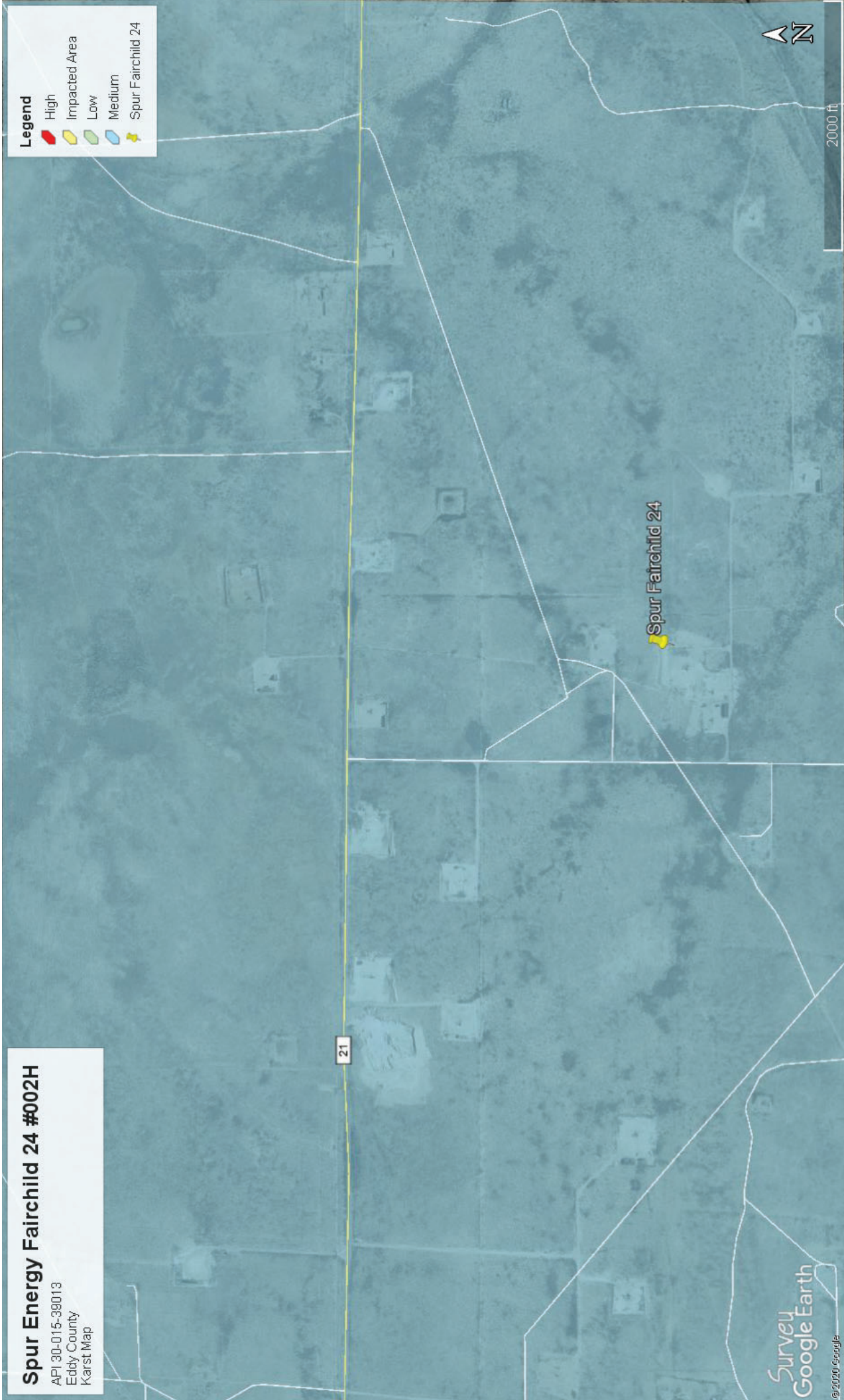


Spur Energy Fairchild 24 #002H

API 30-015-33013
Eddy County
Karst Map

Legend

- High
- Impacted Area
- Low
- Medium
- Spur Fairchild 24



N

2000 ft

Survey
Google Earth

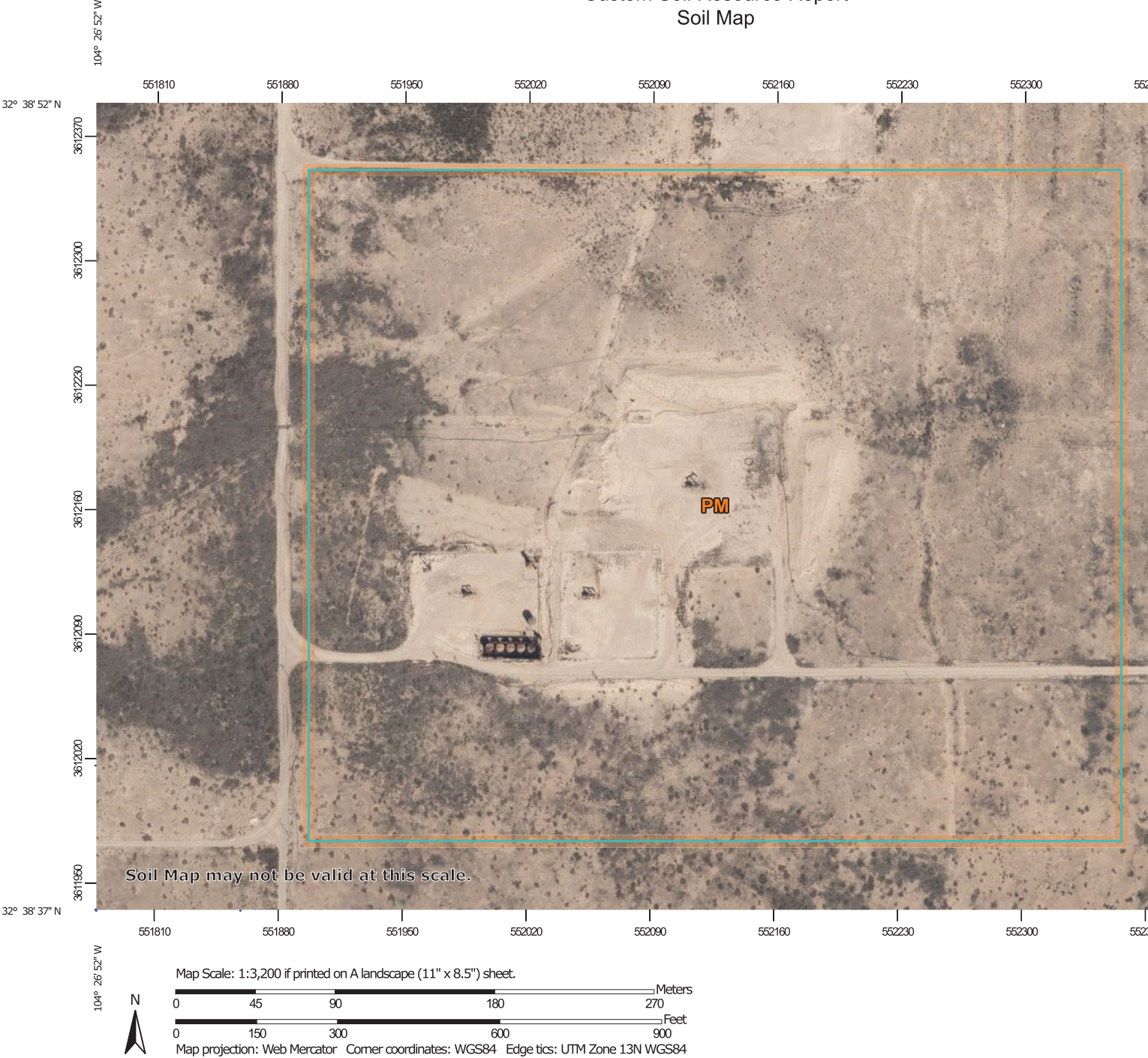
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APPENDIX II

SOIL SURVEY, GROUNDWATER DATA

Custom Soil Resource Report
Soil Map



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

Custom Soil Resource Report

Ecological site: R042XC017NM - Bottomland

Hydric soil rating: No

Reagan

Percent of map unit: 1 percent

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

(R=POD has been replaced,
O=orphaned,

C=the file is closed)




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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
RA 09295	RA	ED		4	3	4	13	19S	25E		552979	3613115*	1285	250	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	ED		1	1	1	19	19S	26E		553583	3612909*	1648	235	90	145
RA 08612	RA	ED		1	2	1	19	19S	26E		553989	3612912*	2020	221	80	141
RA 09988	RA	ED		2	4	1	19	19S	26E		554190	3612507*	2106	100	65	35
RA 10496	RA	ED		3	3	4	25	19S	25E		552801	3609865*	2402	110	40	70
RA 10155	RA	ED		4	3	4	25	19S	25E		553001	3609865*	2467	225	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
RA 09077	RA	ED		2	1	2	19	19S	26E		554592	3612915*	2591	200		
RA 07026	RA	ED		3	3	30	19S	26E			553699	3609975*	2706	135	105	30
RA 05450	RA	CH		4	2	15	19S	25E			550057	3614015*	2763	204	80	124
RA 01343	RA	ED		2	1	1	18	19S	26E		553777	3614525*	2887	440	69	371
RA 10262	RA	ED		2	2	2	19	19S	26E		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 03304	RA	ED		1	27	19S	25E				549081	3610973*	3256	130	60	70
RA 08986	RA	ED		1	3	3	22	19S	25E		548825	3611507*	3351	320	220	100
RA 09451	RA	ED		1	3	4	20	19S	26E		556006	3611701*	3922	200		
RA 09050	RA	ED		1	1	2	20	19S	26E		556001	3612916*	3961	160	105	55
RA 03018	RA	ED		3	2	4	34	19S	25E		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	3616444*	4291	375	100	275
RA 05900	RA	ED		2	2	16	19S	25E			548442	3614424*	4307	185	95	90
RA 07128	RA	ED		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 01982	RA	ED		2	2	2	20	19S	26E		556604	3612913*	4554	110	45	65
RA 08074	RA	ED		2	2	2	20	19S	26E		556604	3612913*	4554	218		
RA 05037	RA	ED		1	2	17	19S	26E			556091	3614436*	4581	475	132	343
RA 01589 D	RA	ED		2	2	2	20	19S	26E		556688	3612860*	4629	218	90	128
RA 11018 POD1	RA	ED		3	4	2	17	19S	26E		556396	3613928*	4633	260	100	160

RA 05550	RA	ED	3	1	3	32	19S	26E	555209	3608679*		4664	185	95	90
RA 10949 POD1	RA	ED	3	1	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

Average Depth to Water:
94 feet

Minimum Depth:
25 feet

Maximum Depth:
220 feet

Record Count:36

UTMNAD83 Radius Search (in meters):

Easting (X): 552110.95
Northing (Y): 3612166.34
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, usability, 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

		(quarters are 1=NW 2=NE 3=SW 4=SE)					
		(quarters are smallest to largest)		(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec Tws Rng	X	Y
	RA 09293	3	4	4	13 19S 25E	553180	3613114* 

Driller License:	1259	Driller Company:	CAMPBELL DRILLING		
Driller Name:	CAMPBELL DRILLING				
Drill Start Date:	11/07/1996	Drill Finish Date:	11/14/1996	Plug Date:	
Log File Date:	11/26/1996	PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	14 GPM
Casing Size:	5.00	Depth Well:	250 feet	Depth Water:	60 feet

Water Bearing Stratifications:	Top	Bottom	Description
	77	78	Other/Unknown
	181	185	Other/Unknown

Casing Perforations:	Top	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



View looking North



Aerial



2' Excavation S7-S8



Excavation at S4-S5



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:

RE: Fairchild 24 Fee 002H

OrderNo.: 2101763

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,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-1 0-1'

Project: Fairchild 24 Fee 002H

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**Date Reported: **1/28/2021****CLIENT:** Talon Artesia**Client Sample ID:** S-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
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	1/23/2021 2:21:01 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-3 0-1'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 12:48:00 PM

Lab ID: 2101763-003

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	7300	300		mg/Kg	100	1/26/2021 11:23:23 AM	57703
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: CLP
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	1/22/2021 10:57:29 AM	57660
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/22/2021 10:57:29 AM	57660
Surr: DNOP	78.5	30.4-154		%Rec	1	1/22/2021 10:57:29 AM	57660
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	1/23/2021 3:33:17 PM	57656
Surr: BFB	104	75.3-105		%Rec	1	1/23/2021 3:33:17 PM	57656
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	1/23/2021 3:33:17 PM	57656
Toluene	ND	0.048		mg/Kg	1	1/23/2021 3:33:17 PM	57656
Ethylbenzene	ND	0.048		mg/Kg	1	1/23/2021 3:33:17 PM	57656
Xylenes, Total	ND	0.096		mg/Kg	1	1/23/2021 3:33:17 PM	57656
Surr: 4-Bromofluorobenzene	105	80-120		%Rec	1	1/23/2021 3:33:17 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-4 0-1'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 12:51:00 PM

Lab ID: 2101763-004

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2101763

Date Reported: 1/28/2021

CLIENT: Talon Artesia

Client Sample ID: S-5 0-1'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 12:54:00 PM

Lab ID: 2101763-005

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-6 0-1'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 12:59:00 PM

Lab ID: 2101763-006

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	140	60		mg/Kg	20	1/25/2021 2:37:54 PM	57703
EPA METHOD 8015M/D: DIESEL RANGE 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 RANGE							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-6 2'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 1:02:00 PM

Lab ID: 2101763-007

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	200	60		mg/Kg	20	1/25/2021 2:50:18 PM	57703
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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.

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-6 3'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 1:05:00 PM

Lab ID: 2101763-008

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-7 0-1'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 1:09:00 PM

Lab ID: 2101763-009

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-7 2'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 1:13:00 PM

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							Analyst: VP
Chloride	690	60		mg/Kg	20	1/25/2021 3:27:31 PM	57703
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: 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							Analyst: 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							Analyst: 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-7 3'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 1:16:00 PM

Lab ID: 2101763-011

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2101763

Date Reported: 1/28/2021

CLIENT: Talon Artesia

Client Sample ID: S-7 4'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 1:19:00 PM

Lab ID: 2101763-012

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-8 0-1'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 1:26:00 PM

Lab ID: 2101763-013

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-8 2'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 1:30:00 PM

Lab ID: 2101763-014

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-8 3'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 1:35:00 PM

Lab ID: 2101763-015

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	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 3:42:44 PM	57660
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/22/2021 3:42:44 PM	57660
Surr: DNOP	93.6	30.4-154		%Rec	1	1/22/2021 3:42:44 PM	57660
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (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-Bromofluorobenzene	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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2101763

Date Reported: 1/28/2021

CLIENT: Talon Artesia

Client Sample ID: S-8 4'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 1:39:00 PM

Lab ID: 2101763-016

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-9 0-1'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 1:42:00 PM

Lab ID: 2101763-017

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-9 2

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 1:47:00 PM

Lab ID: 2101763-018

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	930	60		mg/Kg	20	1/25/2021 6:33:40 PM	57722
EPA METHOD 8015M/D: DIESEL RANGE 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 RANGE							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-9 3'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 1:51:00 PM

Lab ID: 2101763-019

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101763**

Date Reported: **1/28/2021**

CLIENT: Talon Artesia

Client Sample ID: S-9 4'

Project: Fairchild 24 Fee 002H

Collection Date: 1/19/2021 1:53:00 PM

Lab ID: 2101763-020

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2101763

28-Jan-21

Client: Talon Artesia
Project: Fairchild 24 Fee 002H

Sample ID: MB-57703	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 57703	RunNo: 74822								
Prep Date: 1/25/2021	Analysis Date: 1/25/2021	SeqNo: 2641404	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-57703	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 57703	RunNo: 74822								
Prep Date: 1/25/2021	Analysis Date: 1/25/2021	SeqNo: 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-57722	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 57722	RunNo: 74822								
Prep Date: 1/25/2021	Analysis Date: 1/25/2021	SeqNo: 2641439	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-57722	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 57722	RunNo: 74822								
Prep Date: 1/25/2021	Analysis Date: 1/25/2021	SeqNo: 2641440	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:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2101763

28-Jan-21

Client: Talon Artesia
Project: Fairchild 24 Fee 002H

Sample ID: MB-57660	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 57660	RunNo: 74812								
Prep Date: 1/21/2021	Analysis Date: 1/22/2021	SeqNo: 2640146			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		114	30.4	154			

Sample ID: LCS-57660	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 57660	RunNo: 74812								
Prep Date: 1/21/2021	Analysis Date: 1/22/2021	SeqNo: 2640147			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.6	68.9	141			
Surr: DNOP	4.8		5.000		96.8	30.4	154			

Sample ID: 2101763-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-1 0-1'	Batch ID: 57660	RunNo: 74812								
Prep Date: 1/21/2021	Analysis Date: 1/22/2021	SeqNo: 2640149			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	38	9.7	48.59	0	79.2	15	184			
Surr: DNOP	3.6		4.859		73.4	30.4	154			

Sample ID: 2101763-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-1 0-1'	Batch ID: 57660	RunNo: 74812								
Prep Date: 1/21/2021	Analysis Date: 1/22/2021	SeqNo: 2640150			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (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	

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2101763

28-Jan-21

Client: Talon Artesia
Project: Fairchild 24 Fee 002H

Sample ID: mb-57656	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 57656	RunNo: 74814								
Prep Date: 1/21/2021	Analysis Date: 1/23/2021	SeqNo: 2640354			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	990		1000		99.1	75.3	105			

Sample ID: lcs-57656	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 57656	RunNo: 74814								
Prep Date: 1/21/2021	Analysis Date: 1/23/2021	SeqNo: 2640355			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	104	80	120			
Surr: BFB	1100		1000		110	75.3	105			S

Sample ID: 2101763-001ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-1 0-1'	Batch ID: 57656	RunNo: 74814								
Prep Date: 1/21/2021	Analysis Date: 1/23/2021	SeqNo: 2640357			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range 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	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-1 0-1'	Batch ID: 57656	RunNo: 74814								
Prep Date: 1/21/2021	Analysis Date: 1/23/2021	SeqNo: 2640358			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.7	23.63	0	103	61.3	114	11.6	20	
Surr: BFB	1100		945.2		112	75.3	105	0	0	S

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2101763

28-Jan-21

Client: Talon Artesia

Project: Fairchild 24 Fee 002H

Sample ID: mb-57656		SampType: MBLK		TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS		Batch ID: 57656		RunNo: 74814						
Prep Date: 1/21/2021		Analysis Date: 1/23/2021		SeqNo: 2640405		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		102	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: 1/23/2021		SeqNo: 2640406			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	98.8	80	120			
Toluene	0.99	0.050	1.000	0	99.1	80	120			
Ethylbenzene	0.99	0.050	1.000	0	99.0	80	120			
Xylenes, Total	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						
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
Benzene	0.93	0.025	0.9881	0	94.2	76.3	120			
Toluene	0.97	0.049	0.9881	0.009573	97.0	78.5	120			
Ethylbenzene	0.98	0.049	0.9881	0	99.2	78.1	124			
Xylenes, 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
Benzene	0.91	0.025	0.9843	0	92.6	76.3	120	2.06	20	
Toluene	0.97	0.049	0.9843	0.009573	97.7	78.5	120	0.327	20	
Ethylbenzene	0.99	0.049	0.9843	0	101	78.1	124	1.04	20	
Xylenes, Total	3.0	0.098	2.953	0	101	79.3	125	1.08	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
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

Sample Log-In Check List

Client Name: **Talon Artesia**

Work Order Number: **2101763**

RcptNo: **1**

Received By: **Isaiah Ortiz**

1/21/2021 7:48:00 AM

I-OK

Completed By: **Isaiah Ortiz**

1/21/2021 8:01:14 AM

I-OK

Reviewed By:

JR 1/21/21

Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: *SGC 1/21/21*

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.7	Good	Not Present			
2	0.4	Good	Not Present			



*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:

RE: Fairchild 24 002

OrderNo.: 2101B04

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,

A handwritten signature in black ink, appearing to read "Andy Freeman", with a stylized flourish at the end.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101B04**

Date Reported: 2/4/2021

CLIENT: Talon Artesia

Client Sample ID: S2A-.05'

Project: Fairchild 24 002

Collection Date: 1/29/2021 9:10:00 AM

Lab ID: 2101B04-001

Matrix: SOIL

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	970	60		mg/Kg	20	2/2/2021 11:41:18 AM	57845
EPA METHOD 8015M/D: DIESEL RANGE 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 RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/2/2021 7:53:00 PM	57826
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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101B04**

Date Reported: 2/4/2021

CLIENT: Talon Artesia

Client Sample ID: S3A-1'

Project: Fairchild 24 002

Collection Date: 1/29/2021 9:15:00 AM

Lab ID: 2101B04-002

Matrix: SOIL

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	880	60		mg/Kg	20	2/2/2021 12:43:20 PM	57845
EPA METHOD 8015M/D: DIESEL RANGE 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 RANGE							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101B04**

Date Reported: 2/4/2021

CLIENT: Talon Artesia

Client Sample ID: S4A-.05'

Project: Fairchild 24 002

Collection Date: 1/29/2021 10:00:00 AM

Lab ID: 2101B04-003

Matrix: SOIL

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	1100	60		mg/Kg	20	2/2/2021 12:55:45 PM	57845
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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 RANGE							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2101B04**
Date Reported: 2/4/2021

CLIENT: Talon Artesia **Client Sample ID:** S5A-.05'
Project: Fairchild 24 002 **Collection Date:** 1/29/2021 10:30:00 AM
Lab ID: 2101B04-004 **Matrix:** SOIL **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	540	60		mg/Kg	20	2/2/2021 1:08:09 PM	57845
EPA METHOD 8015M/D: DIESEL RANGE 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 RANGE							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2101B04
Date Reported: 2/4/2021

CLIENT: Talon Artesia Client Sample ID: S6A-.05'
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	Date Analyzed	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 RANGE 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 RANGE							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101B04**

Date Reported: 2/4/2021

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101B04**

Date Reported: 2/4/2021

CLIENT: Talon Artesia

Client Sample ID: S8A-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	Date Analyzed	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 RANGE 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 RANGE							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2101B04**

Date Reported: 2/4/2021

CLIENT: Talon Artesia

Client Sample ID: S9A-2'

Project: Fairchild 24 002

Collection Date: 1/29/2021 12:10:00 PM

Lab ID: 2101B04-008

Matrix: SOIL

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2101B04

04-Feb-21

Client: Talon Artesia
Project: Fairchild 24 002

Sample ID: MB-57845	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 57845	RunNo: 75018								
Prep Date: 2/2/2021	Analysis Date: 2/2/2021	SeqNo: 2648176	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-57845	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 57845	RunNo: 75018								
Prep Date: 2/2/2021	Analysis Date: 2/2/2021	SeqNo: 2648177	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.8	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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2101B04

04-Feb-21

Client: Talon Artesia
Project: Fairchild 24 002

Sample ID: MB-57834	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 57834	RunNo: 75004								
Prep Date: 2/1/2021	Analysis Date: 2/2/2021	SeqNo: 2647841 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.7		10.00		87.2	30.4	154			

Sample ID: LCS-57834	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 57834	RunNo: 75004								
Prep Date: 2/1/2021	Analysis Date: 2/2/2021	SeqNo: 2647842 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.4	68.9	141			
Surr: DNOP	4.4		5.000		88.0	30.4	154			

Sample ID: 2101B04-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S2A-.05'	Batch ID: 57834	RunNo: 75004								
Prep Date: 2/1/2021	Analysis Date: 2/2/2021	SeqNo: 2647844 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	10	49.90	9.632	62.3	15	184			
Surr: DNOP	3.6		4.990		73.0	30.4	154			

Sample ID: 2101B04-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S2A-.05'	Batch ID: 57834	RunNo: 75004								
Prep Date: 2/1/2021	Analysis Date: 2/2/2021	SeqNo: 2647845 Units: mg/Kg								
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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2101B04

04-Feb-21

Client: Talon Artesia
Project: Fairchild 24 002

Sample ID: mb-57826	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 57826		RunNo: 75015							
Prep Date: 2/1/2021	Analysis Date: 2/2/2021		SeqNo: 2648094		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		96.2	75.3	105			

Sample ID: lcs-57826	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 57826		RunNo: 75015							
Prep Date: 2/1/2021	Analysis Date: 2/2/2021		SeqNo: 2648095		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range 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	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: S2A-.05'	Batch ID: 57826		RunNo: 75015							
Prep Date: 2/1/2021	Analysis Date: 2/2/2021		SeqNo: 2648098		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	24.75	0	107	61.3	114			
Surr: BFB	1100		990.1		107	75.3	105			S

Sample ID: 2101b04-001amsd	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: S2A-.05'	Batch ID: 57826		RunNo: 75015							
Prep Date: 2/1/2021	Analysis Date: 2/2/2021		SeqNo: 2648099		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range 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

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2101B04

04-Feb-21

Client: Talon Artesia
Project: Fairchild 24 002

Sample ID: mb-57826	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 57826	RunNo: 75015								
Prep Date: 2/1/2021	Analysis Date: 2/2/2021	SeqNo: 2648134	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		100	80	120			

Sample ID: LCS-57826	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 57826	RunNo: 75015								
Prep Date: 2/1/2021	Analysis Date: 2/2/2021	SeqNo: 2648135	Units: mg/Kg							
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:

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

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

Sample Log-In Check List

Client Name: Talon Artesia

Work Order Number: 2101B04

RcptNo: 1

Received By: Juan Rojas

1/30/2021 9:00:00 AM

Juan Rojas

Completed By: Erin Melendrez

2/1/2021 12:37:34 PM

Reviewed By:

JR 2/1/21

Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: *DAD 02/01/21*

Special Handling (if applicable)

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

Person Notified:

Date:

By Whom:

Via:

☐ eMail

☐ Phone

☐ Fax

☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.1	Good				

