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Remediation and Closure Report

Atom Ant Federal Com #001
Eddy County, NM
API # 30-015-27721
NAPP2116933662

Prepared For:

EOG Resources Inc.
P.O. Box 2267
Midland, TX 79702

Prepared By:

TALON/LPE
408 W. Texas Avenue
Artesia, NM 88210

September 13, 2021



Mr. Mike Bratcher
NMOCD District 2
811 S. 1st Street
Artesia, NM 88210

Mr. Jim Amos
Bureau of Land Management
620 E. Greene St.
Carlsbad, NM 88220

Subject: **Remediation and Closure Report**
Atom Ant Federal Com #001
Eddy County, NM
API # 30-015-27721
NAPP2116933662

Dear Mr. Bratcher,

EOG Resources Inc. (EOG) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above-referenced location. The results of our site characterization and remediation activities are contained herein.

Site Information

The Atom Ant Federal #001 is located approximately fifteen (15) miles west of Carlsbad, New Mexico. The legal location for this release is Unit Letter D, Section 10, Township 22 South and Range 24 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.4099579 North and -104.4915237 West. A site plan is presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Ector extremely rocky loam, 9 to 25 percent slopes. The local surface and shallow geology are Leonardian (late Cisuralian Epoch) in age and is comprised of sandstones, siltstones, anhydrite, gypsum, halite and dolomite. Drainage courses in this area are typically dry.

The New Mexico Office of the State Engineer web site indicates that the nearest depth to groundwater is 100' below ground surface (Bgs). See [Appendix II](#) for the referenced groundwater data.

Site Characterization

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

Approximate Depth to Groundwater	100 Feet/BGS
----------------------------------	--------------

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

This release occurred within a high potential karst region, and the site no longer being used for oil and gas operations. Therefore the closure criteria for this incident are as follows:

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

Incident Description

During the deconstruction of production equipment in May, 2021, historical impacts were discovered beneath the crude oil storage tanks. The volume and dates of release are unknown. The initial C-141 detailing this incident can be found in [Appendix III](#).

Site Assessment

On May 18, 2021, Talon mobilized personnel to perform a site assessment. Based upon preliminary observations the historical release was considered to be non-reportable. Excavation activities unearthed further hydrocarbon staining, after which it was determined that the release was reportable. Therefore, a C-141 release notification was submitted to the NMOCD regarding this incident. Composite soil samples were collected within the excavation area to ascertain if remaining contaminants were below NMOCD closure criteria. Based upon analytical results, further remediation was deemed necessary. Results from our sampling events are presented in the following data table. All soil samples were properly contained, preserved, and transported to Hall Laboratory, Inc. All sample were analyzed for Total Chlorides (EPA Method 300.0), TPH (EPA Method 8015 M/D), and BTEX (EPA Method 8021B). Complete laboratory reports can be found in [Appendix V](#). Sample locations are illustrated on the attached site map in [Appendix I](#).

Table 1: Soil Sample Analysis

Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Cl (mg/kg)
Closure Criteria 19.15.29.12 NMAC			50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
S-1	9	6/23/2021	ND	ND	ND	690	500	1190.0	330
S-2	7	6/23/2021	ND	ND	ND	530	660	1190.0	890
S-3	7	6/23/2021	ND	ND	ND	500	550	1050.0	550
S-4	0-1	6/23/2021	ND	ND	ND	190	240	430.0	160
S-5	0-1	6/23/2021	ND	ND	ND	4000	2800	6800.0	120
S-6	0-1	6/23/2021	ND	ND	ND	210	250	460.0	180
S-7	0-1	6/23/2021	ND	ND	ND	53	86	139.0	180
S-8	0-1	6/23/2021	ND	ND	ND	220	580	800.0	130
N SW	7-9	6/23/2021	ND	ND	ND	86	150	236.0	780
E SW	7	6/23/2021	ND	ND	ND	86	200	286.0	2100
S SW	7	6/23/2021	ND	ND	ND	330	500	830.0	130
W SW	7-9	6/23/2021	ND	ND	ND	350	420	770.0	180

ND= Analyte Not Detected

SW= Sidewall Composite Sample

On August 11, 2021, based on the laboratory results from the initial site assessment and upon client authorization, Talon personnel and equipment were mobilized to the site in order to commence further remediation of the impacted area. An area approximately 187 feet long, 60 feet wide and 3 to 11 feet deep was excavated from the impacted area. Composite soil samples were retrieved from the bottom of the excavated area, as well as from all sidewalls. All soil samples were properly collected, and preserved for transport to Hall Laboratories in order to confirm that NMOCD clean-up criteria had been achieved. The confirmation results from the laboratory are tabulated below.

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 100 mg/kg		100 mg/kg	100 mg/kg	600 mg/kg
S-1A	8/11/2021	10'	ND	ND	ND	130	180	310	390
	8/25/2021	11'	ND	ND	ND	720	940	1660	100
S-1A	8/31/2021	12'	ND	ND	ND	ND	ND	ND	120
S-2A	8/11/2021	10'	ND	ND	ND	510	690	1200	86
	8/25/2021	11'	ND	ND	ND	400	340	740	ND
S-2A	8/31/2021	12'	ND	ND	ND	ND	ND	ND	120
S-3A	8/11/2021	10'	ND	ND	ND	130	150	280	ND
	8/25/2021	11'	ND	ND	ND	ND	ND	ND	ND
S-4A	8/11/2021	10'	ND	ND	ND	69	150	219	94
	8/25/2021	11'	ND	ND	ND	ND	ND	ND	ND
S-5A	8/11/2021	10'	ND	ND	ND	10	ND	10	68
S-6A	8/11/2021	3'	ND	ND	ND	20	58	78	100
S-7A	8/11/2021	3'	ND	ND	ND	26	57	83	96
S-8A	8/11/2021	3'	ND	ND	ND	33	72	105	130
	8/25/2021	4'	ND	ND	ND	ND	ND	ND	ND
S-9	8/11/2021	3'	ND	ND	ND	24	63	87	ND
S-10	8/11/2021	3'	ND	ND	ND	170	240	410	87
	8/25/2021	4'	ND	ND	ND	72	140	212	130
S-10	8/31/2021	5'	ND	ND	ND	ND	ND	ND	100
S-11	8/11/2021	3'	ND	ND	ND	36	72	108	ND
	8/25/2021	4'	ND	ND	ND	ND	ND	ND	ND
S-12	8/11/2021	3'	ND	ND	ND	520	620	1140	94
	8/25/2021	4'	ND	ND	ND	ND	ND	ND	68
S-13	8/11/2021	3'	ND	ND	ND	250	310	560	180
	8/25/2021	4'	ND	ND	ND	ND	ND	ND	ND
S-14	8/11/2021	3'	ND	ND	ND	350	430	780	550
	8/25/2021	4'	ND	ND	ND	ND	ND	ND	62
S-15	8/11/2021	3'	ND	ND	ND	990	1400	2390	89
	8/25/2021	4'	ND	ND	ND	13	ND	ND	67
S-16	8/11/2021	3'	ND	ND	ND	150	270	420	61
	8/25/2021	4'	ND	ND	ND	ND	ND	ND	130
S-17	8/11/2021	3'	ND	ND	ND	66	100	166	100
	8/25/2021	4'	ND	ND	ND	ND	ND	ND	100
S-18	8/11/2021	3'	ND	ND	ND	12	ND	12	88
S-19	8/11/2021	3'	ND	ND	ND	ND	ND	0	140
S-20	8/11/2021	3'	ND	ND	ND	ND	ND	0	170
S-21	8/11/2021	3'	ND	ND	ND	ND	ND	0	610
	8/25/2021	4'	ND	ND	ND	ND	ND	-	ND
S-22	8/11/2021	3'	ND	ND	ND	ND	ND	0	ND
S-23	8/11/2021	3'	ND	ND	ND	ND	ND	0	ND
S-24	8/11/2021	3'	ND	ND	ND	ND	ND	0	ND
S-25	8/11/2021	3'	ND	ND	ND	ND	ND	0	77
S-26	8/11/2021	5'	ND	ND	ND	ND	ND	0	96
S-27	8/11/2021	5'	ND	ND	ND	ND	ND	0	ND
S-28	8/11/2021	5'	ND	ND	ND	ND	ND	0	ND
S-29	8/11/2021	5'	ND	ND	ND	ND	ND	0	ND
S-30	8/11/2021	5'	ND	ND	ND	ND	ND	0	ND
S-31	8/11/2021	5'	ND	ND	ND	ND	ND	0	ND
S-32	8/11/2021	5'	ND	ND	ND	ND	ND	0	ND
S-33	8/11/2021	5'	ND	ND	ND	ND	ND	0	ND
E. SW-1	8/11/2021	10'	ND	ND	ND	13	ND	13	650
	8/25/2021	11'	ND	ND	ND	ND	ND	-	ND
E. SW-2	8/11/2021	10'	ND	ND	ND	ND	ND	0	150
W. SW	8/11/2021	5'	ND	ND	ND	ND	ND	0	ND
N. SW-1	8/11/2021	10'	ND	ND	ND	23	ND	23	ND
N. SW-2	8/11/2021	3'	ND	ND	ND	370	520	890	220
	8/25/2021	4'	ND	ND	ND	ND	ND	-	ND
N. SW-3	8/11/2021	3'	ND	ND	ND	ND	ND	0	150
N. SW-4	8/11/2021	5'	ND	ND	ND	ND	ND	0	130
S. SW-1	8/11/2021	10'	ND	ND	ND	13	ND	13	400
S. SW-2	8/11/2021	3'	ND	ND	ND	ND	ND	0	71
S. SW-3	8/11/2021	3'	ND	ND	ND	ND	ND	0	89
S. SW-4	8/11/2021	5'	ND	ND	ND	ND	ND	0	ND

ND = Analyte Not Detected SW = Sidewall

Remedial Actions

- The historically impacted area within the former tank battery was excavated to average depths of 3 to 5 feet bgs, and to the horizontal extent that all surface staining and hydrocarbon odors were removed. Laboratory analysis confirms that NMOCD remediation guidelines for soil characterization were achieved.
- The northeast corner of the former containment area where a tank had leaked indicating historical impact at sample positions S-1 through S-5 were excavated to an average depth of 11' bgs. Laboratory analyses confirmed that NMOCD and BLM soil remediation guidelines were achieved.
- Sidewall samples were obtained in order to confirm horizontal delineation below clean up criteria.
- The excavated area was restored to previous grade and contoured to complement the surrounding terrain.
- All contaminated soil was transported to Lea Land, LLC, a NMOCD approved solid waste disposal facility.

Closure

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

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

Respectfully submitted,

TALON/LPE

Rebecca S. Pons
Senior Environmental Project Manager

David J. Adkins
Regional Manager

Attachments:

Appendix I Site Maps
Appendix II Groundwater Data, Soil Survey & FEMA Flood Map
Appendix III C-141 Forms
Appendix IV Photographic Documentation
Appendix V Laboratory Data



APPENDIX I

SITE MAP

KARST MAP


TOPO MAP

LOCATION MAP

Atom Ant Federal Com #001

EOG Resources INC
API # 30-015-27721
Eddy County, NM
Site Map

Legend

 Soil Sample (Composite)

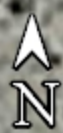


Atom Ant Federal Com #001

EOG Resources, Inc.
API# 30-015-27721
Eddy County, NM
Confirmation Sample Map

Legend

- 10ft. Excavation
- 3ft. Excavation
- 5ft. Excavation
- Atom Ant Fed Come #001
- Confirmation Sample Point



70 ft

Atom Ant Federal Com #001

EOG Resources INC
API # 30-015-27721
Eddy County, NM
Karst Map

Legend

-  High
-  Low
-  Medium

Atom Ant Fed Com 1 



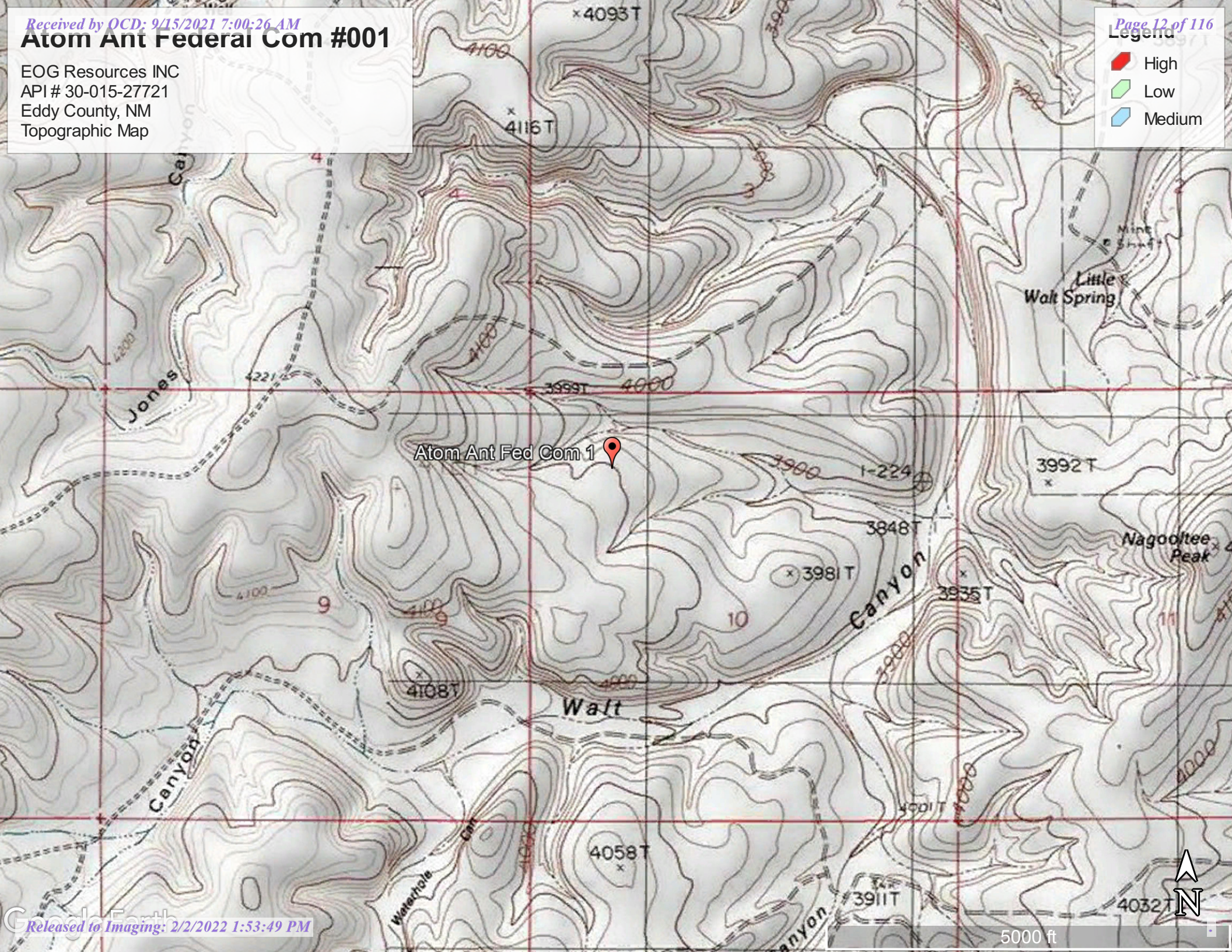
5 mi

Atom Ant Federal Com #001

EOG Resources INC
API # 30-015-27721
Eddy County, NM
Topographic Map

Legend

- High
- Low
- Medium



Atom Ant Federal Com #001

EOG Resources, Inc.
API #30-015-27721
Eddy County, NM

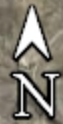
Location Map

Legend

Atom Ant Fed Com 1



Atom Ant Fed Com 1





APPENDIX II

GROUNDWATER DATA

SOIL SURVEY



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02351	CUB	ED		3	2	2	15	22S	24E	548817	3584393*	1887	120	100	20
C 02384	CUB	ED		3	2	2	15	22S	24E	548817	3584393*	1887	120	100	20
RA 12041 POD1	RA	CH		3	3	4	28	10S	24E	545651	3585880	2165	33		
RA 12041 POD4	RA	CH		4	4	3	28	10S	24E	545640	3585872	2176	25		
RA 12041 POD2	RA	CH		4	4	3	28	10S	24E	545638	3585853	2179	33		
RA 12041 POD5	RA	CH		4	4	3	28	10S	24E	545625	3585859	2192	25		
RA 12041 POD3	RA	CH		4	4	3	28	10S	24E	545601	3585856	2216	35		

Average Depth to Water: **100 feet**

Minimum Depth: **100 feet**

Maximum Depth: **100 feet**

Record Count: 7

UTM NAD83 Radius Search (in meters):

Easting (X): 547813.65

Northing (Y): 3585991.62

Radius: 3000

*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.

5/17/21 2:19 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Map Unit Description: Ector extremely rocky loam, 9 to 25 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

EE—Ector extremely rocky loam, 9 to 25 percent slopes

Map Unit Setting

National map unit symbol: 1w4c

Elevation: 1,600 to 4,800 feet

Mean annual precipitation: 10 to 18 inches

Mean annual air temperature: 58 to 66 degrees F

Frost-free period: 195 to 240 days

Farmland classification: Not prime farmland

Map Unit Composition

Ector and similar soils: 98 percent

Minor components: 2 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Ector

Setting

Landform: Hills, ridges

Landform position (two-dimensional): Backslope, footslope, shoulder, toeslope

Landform position (three-dimensional): Crest, nose slope, side slope, head slope

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 6 inches: very cobbly loam

H2 - 6 to 60 inches: bedrock

Properties and qualities

Slope: 9 to 25 percent

Depth to restrictive feature: 4 to 20 inches to lithic bedrock

Drainage class: Well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to high (0.06 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 60 percent

Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water capacity: Very low (about 0.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Map Unit Description: Ector extremely rocky loam, 9 to 25 percent slopes---Eddy Area, New Mexico

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R070DY151NM - Limestone Hills
Hydric soil rating: No

Minor Components

Rock outcrop

Percent of map unit: 1 percent
Hydric soil rating: No

Ector

Percent of map unit: 1 percent
Ecological site: R070DY158NM - Very Shallow
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 16, Jun 8, 2020



APPENDIX III

INITIAL C-141

FINAL C-141

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	nAPP2116933662
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude 32.40995 Longitude -104.49152
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Atom Ant Federal Com #1	Site Type Battery
Date Release Discovered 06/17/2021	API# (if applicable) 30-015-27721

Unit Letter	Section	Township	Range	County
D	10	22S	24E	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) Unknown	Volume Recovered (bbls) 0
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	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 Historical impacts discovered during the P&A of the battery. Release volume and date are unknown.

Incident ID	
District RP	
Facility ID	
Application ID	

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>Chase Settle</u>	Title: <u>Rep Safety & Environmental Sr</u>
Signature: <u></u>	Date: <u>06/18/2021</u>
email: <u>Chase_Settle@eogresources.com</u>	Telephone: <u>575-748-1471</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2116933662
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature:  Date: 9/14/2021

Email: Chase.Settle@eogresouces.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2116933662
District RP	
Facility ID	
Application ID	

Closure

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

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature:  Date: 9/14/2021

Email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



APPENDIX IV

PHOTOGRAPHIC DOCUMENTATION

EOG Resources, Inc. Atom Ant Fed. Com #1

PHOTO DOCUMENTATION



Aerial of pad area during reclamation



Impacted area-containment



Aerial of remediated area.



Area of S1-S2 under Tanks



Restored to natural grade



Restored to natural 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

July 02, 2021

Brandon Sinclair
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX

RE: Atom Ant Fed Com 1

OrderNo.: 2106D60

Dear Brandon Sinclair:

Hall Environmental Analysis Laboratory received 12 sample(s) on 6/25/2021 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 horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2106D60

Date Reported: 7/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-1 9'

Project: Atom Ant Fed Com 1

Collection Date: 6/23/2021 9:30:00 AM

Lab ID: 2106D60-001

Matrix: SOIL

Received Date: 6/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	330	60		mg/Kg	20	6/30/2021 3:33:43 PM	61030
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	690	20		mg/Kg	2	6/29/2021 12:52:03 AM	60944
Motor Oil Range Organics (MRO)	500	98		mg/Kg	2	6/29/2021 12:52:03 AM	60944
Surr: DNOP	106	70-130		%Rec	2	6/29/2021 12:52:03 AM	60944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2021 12:22:00 AM	60938
Surr: BFB	113	70-130		%Rec	1	7/1/2021 12:22:00 AM	60938
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	7/1/2021 12:22:00 AM	60938
Toluene	ND	0.049		mg/Kg	1	7/1/2021 12:22:00 AM	60938
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2021 12:22:00 AM	60938
Xylenes, Total	ND	0.099		mg/Kg	1	7/1/2021 12:22:00 AM	60938
Surr: 4-Bromofluorobenzene	93.3	70-130		%Rec	1	7/1/2021 12:22:00 AM	60938

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		

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Analytical Report

Lab Order 2106D60

Date Reported: 7/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-2 7'

Project: Atom Ant Fed Com 1

Collection Date: 6/23/2021 9:35:00 AM

Lab ID: 2106D60-002

Matrix: SOIL

Received Date: 6/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	890	60		mg/Kg	20	6/30/2021 3:46:07 PM	61030
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	530	94		mg/Kg	10	6/28/2021 12:21:31 AM	60944
Motor Oil Range Organics (MRO)	660	470		mg/Kg	10	6/28/2021 12:21:31 AM	60944
Surr: DNOP	0	70-130	S	%Rec	10	6/28/2021 12:21:31 AM	60944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/1/2021 12:42:00 AM	60938
Surr: BFB	96.2	70-130		%Rec	1	7/1/2021 12:42:00 AM	60938
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	7/1/2021 12:42:00 AM	60938
Toluene	ND	0.048		mg/Kg	1	7/1/2021 12:42:00 AM	60938
Ethylbenzene	ND	0.048		mg/Kg	1	7/1/2021 12:42:00 AM	60938
Xylenes, Total	ND	0.097		mg/Kg	1	7/1/2021 12:42:00 AM	60938
Surr: 4-Bromofluorobenzene	91.3	70-130		%Rec	1	7/1/2021 12:42:00 AM	60938

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		

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Analytical Report

Lab Order 2106D60

Date Reported: 7/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-3 7'

Project: Atom Ant Fed Com 1

Collection Date: 6/23/2021 9:40:00 AM

Lab ID: 2106D60-003

Matrix: SOIL

Received Date: 6/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	550	60		mg/Kg	20	6/30/2021 3:58:32 PM	61030
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	500	98		mg/Kg	10	6/28/2021 12:45:42 AM	60944
Motor Oil Range Organics (MRO)	550	490		mg/Kg	10	6/28/2021 12:45:42 AM	60944
Surr: DNOP	0	70-130	S	%Rec	10	6/28/2021 12:45:42 AM	60944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2021 1:02:00 AM	60938
Surr: BFB	100	70-130		%Rec	1	7/1/2021 1:02:00 AM	60938
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	7/1/2021 1:02:00 AM	60938
Toluene	ND	0.049		mg/Kg	1	7/1/2021 1:02:00 AM	60938
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2021 1:02:00 AM	60938
Xylenes, Total	ND	0.099		mg/Kg	1	7/1/2021 1:02:00 AM	60938
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	7/1/2021 1:02:00 AM	60938

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		

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Analytical Report

Lab Order 2106D60

Date Reported: 7/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: N SW 7-9'

Project: Atom Ant Fed Com 1

Collection Date: 6/23/2021 9:45:00 AM

Lab ID: 2106D60-004

Matrix: SOIL

Received Date: 6/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	780	60		mg/Kg	20	6/30/2021 4:10:57 PM	61030
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	86	9.9		mg/Kg	1	6/29/2021 1:39:22 AM	60944
Motor Oil Range Organics (MRO)	150	49		mg/Kg	1	6/29/2021 1:39:22 AM	60944
Surr: DNOP	98.5	70-130		%Rec	1	6/29/2021 1:39:22 AM	60944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/1/2021 1:22:00 AM	60938
Surr: BFB	104	70-130		%Rec	1	7/1/2021 1:22:00 AM	60938
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	7/1/2021 1:22:00 AM	60938
Toluene	ND	0.050		mg/Kg	1	7/1/2021 1:22:00 AM	60938
Ethylbenzene	ND	0.050		mg/Kg	1	7/1/2021 1:22:00 AM	60938
Xylenes, Total	ND	0.099		mg/Kg	1	7/1/2021 1:22:00 AM	60938
Surr: 4-Bromofluorobenzene	91.0	70-130		%Rec	1	7/1/2021 1:22:00 AM	60938

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		

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Analytical Report

Lab Order 2106D60

Date Reported: 7/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: E SW 7'

Project: Atom Ant Fed Com 1

Collection Date: 6/23/2021 9:50:00 AM

Lab ID: 2106D60-005

Matrix: SOIL

Received Date: 6/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2100	60		mg/Kg	20	6/30/2021 4:23:22 PM	61030
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	86	9.7		mg/Kg	1	6/29/2021 2:26:45 AM	60944
Motor Oil Range Organics (MRO)	200	49		mg/Kg	1	6/29/2021 2:26:45 AM	60944
Surr: DNOP	87.9	70-130		%Rec	1	6/29/2021 2:26:45 AM	60944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2021 1:42:00 AM	60938
Surr: BFB	92.0	70-130		%Rec	1	7/1/2021 1:42:00 AM	60938
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	7/1/2021 1:42:00 AM	60938
Toluene	ND	0.049		mg/Kg	1	7/1/2021 1:42:00 AM	60938
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2021 1:42:00 AM	60938
Xylenes, Total	ND	0.097		mg/Kg	1	7/1/2021 1:42:00 AM	60938
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	7/1/2021 1:42:00 AM	60938

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		

Analytical Report

Lab Order 2106D60

Date Reported: 7/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S SW 7'

Project: Atom Ant Fed Com 1

Collection Date: 6/23/2021 10:00:00 AM

Lab ID: 2106D60-006

Matrix: SOIL

Received Date: 6/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	130	60		mg/Kg	20	6/30/2021 4:35:47 PM	61030
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	330	96		mg/Kg	10	6/28/2021 1:58:15 AM	60944
Motor Oil Range Organics (MRO)	500	480		mg/Kg	10	6/28/2021 1:58:15 AM	60944
Surr: DNOP	0	70-130	S	%Rec	10	6/28/2021 1:58:15 AM	60944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2021 2:02:00 AM	60938
Surr: BFB	92.6	70-130		%Rec	1	7/1/2021 2:02:00 AM	60938
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	7/1/2021 2:02:00 AM	60938
Toluene	ND	0.049		mg/Kg	1	7/1/2021 2:02:00 AM	60938
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2021 2:02:00 AM	60938
Xylenes, Total	ND	0.097		mg/Kg	1	7/1/2021 2:02:00 AM	60938
Surr: 4-Bromofluorobenzene	91.7	70-130		%Rec	1	7/1/2021 2:02:00 AM	60938

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		

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Analytical Report

Lab Order 2106D60

Date Reported: 7/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: W SW 7-9'

Project: Atom Ant Fed Com 1

Collection Date: 6/23/2021 10:05:00 AM

Lab ID: 2106D60-007

Matrix: SOIL

Received Date: 6/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	180	59		mg/Kg	20	6/30/2021 4:48:11 PM	61030
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	350	19		mg/Kg	2	6/29/2021 12:28:23 AM	60944
Motor Oil Range Organics (MRO)	420	97		mg/Kg	2	6/29/2021 12:28:23 AM	60944
Surr: DNOP	103	70-130		%Rec	2	6/29/2021 12:28:23 AM	60944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/1/2021 2:21:00 AM	60938
Surr: BFB	91.8	70-130		%Rec	1	7/1/2021 2:21:00 AM	60938
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	7/1/2021 2:21:00 AM	60938
Toluene	ND	0.048		mg/Kg	1	7/1/2021 2:21:00 AM	60938
Ethylbenzene	ND	0.048		mg/Kg	1	7/1/2021 2:21:00 AM	60938
Xylenes, Total	ND	0.095		mg/Kg	1	7/1/2021 2:21:00 AM	60938
Surr: 4-Bromofluorobenzene	90.0	70-130		%Rec	1	7/1/2021 2:21:00 AM	60938

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		

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Analytical Report

Lab Order 2106D60

Date Reported: 7/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-4 0-1'

Project: Atom Ant Fed Com 1

Collection Date: 6/23/2021 10:15:00 AM

Lab ID: 2106D60-008

Matrix: SOIL

Received Date: 6/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	160	60		mg/Kg	20	6/30/2021 5:00:36 PM	61030
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	190	19		mg/Kg	2	6/29/2021 12:04:41 AM	60944
Motor Oil Range Organics (MRO)	240	93		mg/Kg	2	6/29/2021 12:04:41 AM	60944
Surr: DNOP	91.4	70-130		%Rec	2	6/29/2021 12:04:41 AM	60944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2021 2:41:00 AM	60938
Surr: BFB	90.2	70-130		%Rec	1	7/1/2021 2:41:00 AM	60938
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	7/1/2021 2:41:00 AM	60938
Toluene	ND	0.049		mg/Kg	1	7/1/2021 2:41:00 AM	60938
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2021 2:41:00 AM	60938
Xylenes, Total	ND	0.097		mg/Kg	1	7/1/2021 2:41:00 AM	60938
Surr: 4-Bromofluorobenzene	90.1	70-130		%Rec	1	7/1/2021 2:41:00 AM	60938

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		

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Analytical Report

Lab Order 2106D60

Date Reported: 7/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-5 0-1'

Project: Atom Ant Fed Com 1

Collection Date: 6/23/2021 10:18:00 AM

Lab ID: 2106D60-009

Matrix: SOIL

Received Date: 6/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	60		mg/Kg	20	6/30/2021 5:13:01 PM	61033
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	4000	94		mg/Kg	10	6/28/2021 3:10:44 AM	60944
Motor Oil Range Organics (MRO)	2800	470		mg/Kg	10	6/28/2021 3:10:44 AM	60944
Surr: DNOP	0	70-130	S	%Rec	10	6/28/2021 3:10:44 AM	60944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/1/2021 4:01:00 AM	60938
Surr: BFB	92.1	70-130		%Rec	1	7/1/2021 4:01:00 AM	60938
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	7/1/2021 4:01:00 AM	60938
Toluene	ND	0.046		mg/Kg	1	7/1/2021 4:01:00 AM	60938
Ethylbenzene	ND	0.046		mg/Kg	1	7/1/2021 4:01:00 AM	60938
Xylenes, Total	ND	0.093		mg/Kg	1	7/1/2021 4:01:00 AM	60938
Surr: 4-Bromofluorobenzene	92.1	70-130		%Rec	1	7/1/2021 4:01:00 AM	60938

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		

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Analytical Report

Lab Order 2106D60

Date Reported: 7/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-6 0-1'

Project: Atom Ant Fed Com 1

Collection Date: 6/23/2021 10:22:00 AM

Lab ID: 2106D60-010

Matrix: SOIL

Received Date: 6/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	180	60		mg/Kg	20	6/30/2021 5:25:26 PM	61033
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	210	9.4		mg/Kg	1	6/29/2021 3:14:02 AM	60944
Motor Oil Range Organics (MRO)	250	47		mg/Kg	1	6/29/2021 3:14:02 AM	60944
Surr: DNOP	98.1	70-130		%Rec	1	6/29/2021 3:14:02 AM	60944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/1/2021 4:21:00 AM	60938
Surr: BFB	103	70-130		%Rec	1	7/1/2021 4:21:00 AM	60938
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	7/1/2021 4:21:00 AM	60938
Toluene	ND	0.048		mg/Kg	1	7/1/2021 4:21:00 AM	60938
Ethylbenzene	ND	0.048		mg/Kg	1	7/1/2021 4:21:00 AM	60938
Xylenes, Total	ND	0.095		mg/Kg	1	7/1/2021 4:21:00 AM	60938
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	7/1/2021 4:21:00 AM	60938

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		

Analytical Report

Lab Order 2106D60

Date Reported: 7/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-7 0-1'

Project: Atom Ant Fed Com 1

Collection Date: 6/23/2021 10:27:00 AM

Lab ID: 2106D60-011

Matrix: SOIL

Received Date: 6/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	180	60		mg/Kg	20	6/30/2021 6:52:17 PM	61033
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	53	9.2		mg/Kg	1	6/27/2021 4:58:56 PM	60944
Motor Oil Range Organics (MRO)	86	46		mg/Kg	1	6/27/2021 4:58:56 PM	60944
Surr: DNOP	98.7	70-130		%Rec	1	6/27/2021 4:58:56 PM	60944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2021 4:41:00 AM	60938
Surr: BFB	94.9	70-130		%Rec	1	7/1/2021 4:41:00 AM	60938
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	7/1/2021 4:41:00 AM	60938
Toluene	ND	0.049		mg/Kg	1	7/1/2021 4:41:00 AM	60938
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2021 4:41:00 AM	60938
Xylenes, Total	ND	0.098		mg/Kg	1	7/1/2021 4:41:00 AM	60938
Surr: 4-Bromofluorobenzene	91.0	70-130		%Rec	1	7/1/2021 4:41:00 AM	60938

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		

Analytical Report

Lab Order 2106D60

Date Reported: 7/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-8 0-1

Project: Atom Ant Fed Com 1

Collection Date: 6/23/2021 10:35:00 AM

Lab ID: 2106D60-012

Matrix: SOIL

Received Date: 6/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	130	60		mg/Kg	20	6/30/2021 7:04:41 PM	61033
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	220	95		mg/Kg	10	6/27/2021 5:12:14 PM	60944
Motor Oil Range Organics (MRO)	580	470		mg/Kg	10	6/27/2021 5:12:14 PM	60944
Surr: DNOP	0	70-130	S	%Rec	10	6/27/2021 5:12:14 PM	60944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2021 5:01:00 AM	60938
Surr: BFB	90.6	70-130		%Rec	1	7/1/2021 5:01:00 AM	60938
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	7/1/2021 5:01:00 AM	60938
Toluene	ND	0.049		mg/Kg	1	7/1/2021 5:01:00 AM	60938
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2021 5:01:00 AM	60938
Xylenes, Total	ND	0.099		mg/Kg	1	7/1/2021 5:01:00 AM	60938
Surr: 4-Bromofluorobenzene	87.7	70-130		%Rec	1	7/1/2021 5:01:00 AM	60938

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		

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

WO#: 2106D60

02-Jul-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: MB-61030	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 61030	RunNo: 79492								
Prep Date: 6/30/2021	Analysis Date: 6/30/2021	SeqNo: 2794577 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-61030	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 61030	RunNo: 79492								
Prep Date: 6/30/2021	Analysis Date: 6/30/2021	SeqNo: 2794578 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.9	90	110			

Sample ID: MB-61033	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 61033	RunNo: 79492								
Prep Date: 6/30/2021	Analysis Date: 6/30/2021	SeqNo: 2794579 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-61033	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 61033	RunNo: 79492								
Prep Date: 6/30/2021	Analysis Date: 6/30/2021	SeqNo: 2794580 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	96.8	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#: 2106D60

02-Jul-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: MB-60944	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 60944	RunNo: 79401								
Prep Date: 6/26/2021	Analysis Date: 6/28/2021	SeqNo: 2790929 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	8.2		10.00		82.1	70	130			

Sample ID: LCS-60944	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 60944	RunNo: 79401								
Prep Date: 6/26/2021	Analysis Date: 6/28/2021	SeqNo: 2790930 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.7	68.9	141			
Surr: DNOP	4.0		5.000		79.9	70	130			

Qualifiers:

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

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

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

WO#: 2106D60

02-Jul-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: mb-60938	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 60938	RunNo: 79503								
Prep Date: 6/25/2021	Analysis Date: 6/30/2021	SeqNo: 2795360	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	910		1000		91.2	70	130			

Sample ID: lcs-60938	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 60938	RunNo: 79503								
Prep Date: 6/25/2021	Analysis Date: 6/30/2021	SeqNo: 2795362	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	102	78.6	131			
Surr: BFB	1100		1000		113	70	130			

Qualifiers:

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

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

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

WO#: 2106D60

02-Jul-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: mb-60938	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 60938	RunNo: 79503								
Prep Date: 6/25/2021	Analysis Date: 6/30/2021	SeqNo: 2795511	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.4	70	130			

Sample ID: lcs-60938	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 60938	RunNo: 79503								
Prep Date: 6/25/2021	Analysis Date: 6/30/2021	SeqNo: 2795514	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	102	80	120			
Toluene	1.0	0.050	1.000	0	103	80	120			
Ethylbenzene	1.0	0.050	1.000	0	105	80	120			
Xylenes, Total	3.2	0.10	3.000	0	106	80	120			
Surr: 4-Bromofluorobenzene	0.96		1.000		96.2	70	130			

Qualifiers:

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

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

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

Sample Log-In Check List

Client Name: Talon Artesia

Work Order Number: 2106D60

RcptNo: 1

Received By: Juan Rojas

6/25/2021 7:30:00 AM

Juan Rojas

Completed By: Cheyenne Cason

6/25/2021 8:56:49 AM

Cason

Reviewed By:

JA 6/25/21

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: *T.C. 6-25-21*

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	0.6	Good				

Chain-of-Custody Record

Client: Talon LPE

Mailing Address: on file

Phone #: _____

Email or Fax#: _____

QA/QC Package: ☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type) _____

Turn-Around Time: 4-day ☒ Standard ☐ Rush

Project Name: Atom Ant Fed Com #1

Project #: 700438.253.01

Project Manager: B Sinclair

Sampler: B Sinclair

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 0.6 - 0.0 - 0.6 (°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₂ , NO ₃ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
6-23	09:30	soil	S-1 9'	4 oz jar	ice	2100000	✓	✓					✓			
	09:35		S-2 7'			002										
	09:40		S-3 7'			003										
	09:45		N SW 7-9'			004										
	09:50		E SW 7'			005										
	10:00		S SW 7'			006										
	10:05		W SW 7-9'			007										
	10:15		S-4 0-1'			008										
	10:18		S-5 0-1'			009										
	10:22		S-6 0-1'			010										
	10:27		S-7 0-1'			011										
	10:35		S-8 0-1'			012										

Received by: [Signature] Date: 6/21/21 Time: 1040

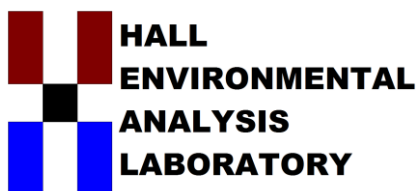
Relinquished by: ya Lind

Received by: [Signature] Date: 6/21/21 Time: 7:30

Relinquished by: [Signature]

Remarks: Bill directly to Chase settle of EOG

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

August 23, 2021

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

RE: Atom Ant Fed Com 1

OrderNo.: 2108597

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 44 sample(s) on 8/12/2021 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 white background.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-1A 10'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 10:30:00 AM

Lab ID: 2108597-001

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	390	60		mg/Kg	20	8/16/2021 6:43:49 PM	61970
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	160	9.8		mg/Kg	1	8/18/2021 6:53:47 PM	62056
Motor Oil Range Organics (MRO)	230	49		mg/Kg	1	8/18/2021 6:53:47 PM	62056
Surr: DNOP	129	70-130		%Rec	1	8/18/2021 6:53:47 PM	62056
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/13/2021 9:41:00 PM	61941
Surr: BFB	86.5	70-130		%Rec	1	8/13/2021 9:41:00 PM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/13/2021 9:41:00 PM	61941
Toluene	ND	0.048		mg/Kg	1	8/13/2021 9:41:00 PM	61941
Ethylbenzene	ND	0.048		mg/Kg	1	8/13/2021 9:41:00 PM	61941
Xylenes, Total	ND	0.096		mg/Kg	1	8/13/2021 9:41:00 PM	61941
Surr: 4-Bromofluorobenzene	86.8	70-130		%Rec	1	8/13/2021 9:41:00 PM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-2A 10'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 10:33:00 AM

Lab ID: 2108597-002

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	86	60		mg/Kg	20	8/16/2021 7:21:04 PM	61970
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	510	98		mg/Kg	10	8/15/2021 12:54:43 AM	61962
Motor Oil Range Organics (MRO)	690	490		mg/Kg	10	8/15/2021 12:54:43 AM	61962
Surr: DNOP	0	70-130	S	%Rec	10	8/15/2021 12:54:43 AM	61962
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/13/2021 10:01:00 PM	61941
Surr: BFB	88.4	70-130		%Rec	1	8/13/2021 10:01:00 PM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/13/2021 10:01:00 PM	61941
Toluene	ND	0.048		mg/Kg	1	8/13/2021 10:01:00 PM	61941
Ethylbenzene	ND	0.048		mg/Kg	1	8/13/2021 10:01:00 PM	61941
Xylenes, Total	ND	0.096		mg/Kg	1	8/13/2021 10:01:00 PM	61941
Surr: 4-Bromofluorobenzene	85.4	70-130		%Rec	1	8/13/2021 10:01:00 PM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-3A 10'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 10:36:00 AM

Lab ID: 2108597-003

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/16/2021 7:33:29 PM	61970
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	120	9.9		mg/Kg	1	8/15/2021 1:18:28 AM	61962
Motor Oil Range Organics (MRO)	140	49		mg/Kg	1	8/15/2021 1:18:28 AM	61962
Surr: DNOP	144	70-130	S	%Rec	1	8/15/2021 1:18:28 AM	61962
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/13/2021 10:21:00 PM	61941
Surr: BFB	84.1	70-130		%Rec	1	8/13/2021 10:21:00 PM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/13/2021 10:21:00 PM	61941
Toluene	ND	0.049		mg/Kg	1	8/13/2021 10:21:00 PM	61941
Ethylbenzene	ND	0.049		mg/Kg	1	8/13/2021 10:21:00 PM	61941
Xylenes, Total	ND	0.099		mg/Kg	1	8/13/2021 10:21:00 PM	61941
Surr: 4-Bromofluorobenzene	85.6	70-130		%Rec	1	8/13/2021 10:21:00 PM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-4A 10'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 10:39:00 AM

Lab ID: 2108597-004

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	94	61		mg/Kg	20	8/16/2021 8:10:43 PM	61970
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	66	9.9		mg/Kg	1	8/15/2021 1:42:12 AM	61962
Motor Oil Range Organics (MRO)	140	49		mg/Kg	1	8/15/2021 1:42:12 AM	61962
Surr: DNOP	142	70-130	S	%Rec	1	8/15/2021 1:42:12 AM	61962
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/13/2021 10:40:00 PM	61941
Surr: BFB	87.2	70-130		%Rec	1	8/13/2021 10:40:00 PM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/13/2021 10:40:00 PM	61941
Toluene	ND	0.049		mg/Kg	1	8/13/2021 10:40:00 PM	61941
Ethylbenzene	ND	0.049		mg/Kg	1	8/13/2021 10:40:00 PM	61941
Xylenes, Total	ND	0.098		mg/Kg	1	8/13/2021 10:40:00 PM	61941
Surr: 4-Bromofluorobenzene	87.1	70-130		%Rec	1	8/13/2021 10:40:00 PM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-5A 10'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 10:42:00 AM

Lab ID: 2108597-005

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	68	60		mg/Kg	20	8/16/2021 9:12:48 PM	61977
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	10	9.6		mg/Kg	1	8/15/2021 2:05:57 AM	61962
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/15/2021 2:05:57 AM	61962
Surr: DNOP	126	70-130		%Rec	1	8/15/2021 2:05:57 AM	61962
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/13/2021 11:00:00 PM	61941
Surr: BFB	87.5	70-130		%Rec	1	8/13/2021 11:00:00 PM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/13/2021 11:00:00 PM	61941
Toluene	ND	0.049		mg/Kg	1	8/13/2021 11:00:00 PM	61941
Ethylbenzene	ND	0.049		mg/Kg	1	8/13/2021 11:00:00 PM	61941
Xylenes, Total	ND	0.098		mg/Kg	1	8/13/2021 11:00:00 PM	61941
Surr: 4-Bromofluorobenzene	88.6	70-130		%Rec	1	8/13/2021 11:00:00 PM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-6A 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 10:45:00 AM

Lab ID: 2108597-006

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	100	60		mg/Kg	20	8/16/2021 9:50:01 PM	61977
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	19	9.8		mg/Kg	1	8/15/2021 2:29:41 AM	61962
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/15/2021 2:29:41 AM	61962
Surr: DNOP	144	70-130	S	%Rec	1	8/15/2021 2:29:41 AM	61962
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/13/2021 11:20:00 PM	61941
Surr: BFB	86.2	70-130		%Rec	1	8/13/2021 11:20:00 PM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/13/2021 11:20:00 PM	61941
Toluene	ND	0.049		mg/Kg	1	8/13/2021 11:20:00 PM	61941
Ethylbenzene	ND	0.049		mg/Kg	1	8/13/2021 11:20:00 PM	61941
Xylenes, Total	ND	0.098		mg/Kg	1	8/13/2021 11:20:00 PM	61941
Surr: 4-Bromofluorobenzene	87.2	70-130		%Rec	1	8/13/2021 11:20:00 PM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-7A 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 10:48:00 AM

Lab ID: 2108597-007

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	96	60		mg/Kg	20	8/16/2021 10:02:26 PM	61977
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	26	9.9		mg/Kg	1	8/15/2021 2:53:23 AM	61962
Motor Oil Range Organics (MRO)	51	50		mg/Kg	1	8/15/2021 2:53:23 AM	61962
Surr: DNOP	145	70-130	S	%Rec	1	8/15/2021 2:53:23 AM	61962
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/13/2021 11:40:00 PM	61941
Surr: BFB	89.1	70-130		%Rec	1	8/13/2021 11:40:00 PM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/13/2021 11:40:00 PM	61941
Toluene	ND	0.050		mg/Kg	1	8/13/2021 11:40:00 PM	61941
Ethylbenzene	ND	0.050		mg/Kg	1	8/13/2021 11:40:00 PM	61941
Xylenes, Total	ND	0.10		mg/Kg	1	8/13/2021 11:40:00 PM	61941
Surr: 4-Bromofluorobenzene	89.6	70-130		%Rec	1	8/13/2021 11:40:00 PM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-8A 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 10:51:00 AM

Lab ID: 2108597-008

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	130	60		mg/Kg	20	8/16/2021 10:14:50 PM	61977
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	32	9.9		mg/Kg	1	8/18/2021 8:29:19 PM	62056
Motor Oil Range Organics (MRO)	92	49		mg/Kg	1	8/18/2021 8:29:19 PM	62056
Surr: DNOP	108	70-130		%Rec	1	8/18/2021 8:29:19 PM	62056
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/14/2021	61941
Surr: BFB	93.1	70-130		%Rec	1	8/14/2021	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/14/2021	61941
Toluene	ND	0.049		mg/Kg	1	8/14/2021	61941
Ethylbenzene	ND	0.049		mg/Kg	1	8/14/2021	61941
Xylenes, Total	ND	0.098		mg/Kg	1	8/14/2021	61941
Surr: 4-Bromofluorobenzene	88.5	70-130		%Rec	1	8/14/2021	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-9 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 10:54:00 AM

Lab ID: 2108597-009

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/16/2021 10:27:16 PM	61977
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	24	10		mg/Kg	1	8/15/2021 3:40:46 AM	61962
Motor Oil Range Organics (MRO)	63	50		mg/Kg	1	8/15/2021 3:40:46 AM	61962
Surr: DNOP	97.8	70-130		%Rec	1	8/15/2021 3:40:46 AM	61962
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/14/2021 1:00:00 AM	61941
Surr: BFB	87.0	70-130		%Rec	1	8/14/2021 1:00:00 AM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/14/2021 1:00:00 AM	61941
Toluene	ND	0.048		mg/Kg	1	8/14/2021 1:00:00 AM	61941
Ethylbenzene	ND	0.048		mg/Kg	1	8/14/2021 1:00:00 AM	61941
Xylenes, Total	ND	0.096		mg/Kg	1	8/14/2021 1:00:00 AM	61941
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	8/14/2021 1:00:00 AM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-10 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 10:57:00 AM

Lab ID: 2108597-010

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	87	60		mg/Kg	20	8/16/2021 10:39:41 PM	61977
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	170	9.7		mg/Kg	1	8/15/2021 4:04:27 AM	61962
Motor Oil Range Organics (MRO)	240	49		mg/Kg	1	8/15/2021 4:04:27 AM	61962
Surr: DNOP	110	70-130		%Rec	1	8/15/2021 4:04:27 AM	61962
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/14/2021 1:20:00 AM	61941
Surr: BFB	87.0	70-130		%Rec	1	8/14/2021 1:20:00 AM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/14/2021 1:20:00 AM	61941
Toluene	ND	0.048		mg/Kg	1	8/14/2021 1:20:00 AM	61941
Ethylbenzene	ND	0.048		mg/Kg	1	8/14/2021 1:20:00 AM	61941
Xylenes, Total	ND	0.096		mg/Kg	1	8/14/2021 1:20:00 AM	61941
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	8/14/2021 1:20:00 AM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-11 3'

Project: Atom Ant Fed Com 1

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

Lab ID: 2108597-011

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/17/2021 10:56:08 AM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	29	10		mg/Kg	1	8/18/2021 8:42:06 PM	62056
Motor Oil Range Organics (MRO)	77	50		mg/Kg	1	8/18/2021 8:42:06 PM	62056
Surr: DNOP	107	70-130		%Rec	1	8/18/2021 8:42:06 PM	62056
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/14/2021 1:40:00 AM	61941
Surr: BFB	85.2	70-130		%Rec	1	8/14/2021 1:40:00 AM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/14/2021 1:40:00 AM	61941
Toluene	ND	0.047		mg/Kg	1	8/14/2021 1:40:00 AM	61941
Ethylbenzene	ND	0.047		mg/Kg	1	8/14/2021 1:40:00 AM	61941
Xylenes, Total	ND	0.095		mg/Kg	1	8/14/2021 1:40:00 AM	61941
Surr: 4-Bromofluorobenzene	87.0	70-130		%Rec	1	8/14/2021 1:40:00 AM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-12 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 11:03:00 AM

Lab ID: 2108597-012

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	94	60		mg/Kg	20	8/17/2021 11:33:22 AM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	520	95		mg/Kg	10	8/15/2021 5:15:27 AM	61962
Motor Oil Range Organics (MRO)	620	480		mg/Kg	10	8/15/2021 5:15:27 AM	61962
Surr: DNOP	0	70-130	S	%Rec	10	8/15/2021 5:15:27 AM	61962
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/14/2021 2:00:00 AM	61941
Surr: BFB	87.9	70-130		%Rec	1	8/14/2021 2:00:00 AM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/14/2021 2:00:00 AM	61941
Toluene	ND	0.049		mg/Kg	1	8/14/2021 2:00:00 AM	61941
Ethylbenzene	ND	0.049		mg/Kg	1	8/14/2021 2:00:00 AM	61941
Xylenes, Total	ND	0.098		mg/Kg	1	8/14/2021 2:00:00 AM	61941
Surr: 4-Bromofluorobenzene	86.5	70-130		%Rec	1	8/14/2021 2:00:00 AM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-13 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 11:06:00 AM

Lab ID: 2108597-013

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	180	60		mg/Kg	20	8/17/2021 5:20:43 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	300	9.9		mg/Kg	1	8/18/2021 8:55:10 PM	62056
Motor Oil Range Organics (MRO)	370	49		mg/Kg	1	8/18/2021 8:55:10 PM	62056
Surr: DNOP	106	70-130		%Rec	1	8/18/2021 8:55:10 PM	62056
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/14/2021 2:19:00 AM	61941
Surr: BFB	83.5	70-130		%Rec	1	8/14/2021 2:19:00 AM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/14/2021 2:19:00 AM	61941
Toluene	ND	0.048		mg/Kg	1	8/14/2021 2:19:00 AM	61941
Ethylbenzene	ND	0.048		mg/Kg	1	8/14/2021 2:19:00 AM	61941
Xylenes, Total	ND	0.096		mg/Kg	1	8/14/2021 2:19:00 AM	61941
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	8/14/2021 2:19:00 AM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-14 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 11:09:00 AM

Lab ID: 2108597-014

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	550	61		mg/Kg	20	8/17/2021 1:00:12 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	350	10		mg/Kg	1	8/15/2021 6:02:43 AM	61962
Motor Oil Range Organics (MRO)	430	50		mg/Kg	1	8/15/2021 6:02:43 AM	61962
Surr: DNOP	128	70-130		%Rec	1	8/15/2021 6:02:43 AM	61962
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/14/2021 2:39:00 AM	61941
Surr: BFB	87.7	70-130		%Rec	1	8/14/2021 2:39:00 AM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/14/2021 2:39:00 AM	61941
Toluene	ND	0.050		mg/Kg	1	8/14/2021 2:39:00 AM	61941
Ethylbenzene	ND	0.050		mg/Kg	1	8/14/2021 2:39:00 AM	61941
Xylenes, Total	ND	0.10		mg/Kg	1	8/14/2021 2:39:00 AM	61941
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	1	8/14/2021 2:39:00 AM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-15 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 11:12:00 AM

Lab ID: 2108597-015

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	89	60		mg/Kg	20	8/17/2021 1:12:36 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	990	98		mg/Kg	10	8/15/2021 6:26:11 AM	61962
Motor Oil Range Organics (MRO)	1400	490		mg/Kg	10	8/15/2021 6:26:11 AM	61962
Surr: DNOP	0	70-130	S	%Rec	10	8/15/2021 6:26:11 AM	61962
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/14/2021 2:59:00 AM	61941
Surr: BFB	83.6	70-130		%Rec	1	8/14/2021 2:59:00 AM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/14/2021 2:59:00 AM	61941
Toluene	ND	0.049		mg/Kg	1	8/14/2021 2:59:00 AM	61941
Ethylbenzene	ND	0.049		mg/Kg	1	8/14/2021 2:59:00 AM	61941
Xylenes, Total	ND	0.099		mg/Kg	1	8/14/2021 2:59:00 AM	61941
Surr: 4-Bromofluorobenzene	86.4	70-130		%Rec	1	8/14/2021 2:59:00 AM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-16 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 11:15:00 AM

Lab ID: 2108597-016

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	61	60		mg/Kg	20	8/17/2021 1:25:01 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	150	50		mg/Kg	5	8/17/2021 8:53:33 PM	61962
Motor Oil Range Organics (MRO)	270	250		mg/Kg	5	8/17/2021 8:53:33 PM	61962
Surr: DNOP	110	70-130		%Rec	5	8/17/2021 8:53:33 PM	61962
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/14/2021 3:19:00 AM	61941
Surr: BFB	84.5	70-130		%Rec	1	8/14/2021 3:19:00 AM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/14/2021 3:19:00 AM	61941
Toluene	ND	0.049		mg/Kg	1	8/14/2021 3:19:00 AM	61941
Ethylbenzene	ND	0.049		mg/Kg	1	8/14/2021 3:19:00 AM	61941
Xylenes, Total	ND	0.099		mg/Kg	1	8/14/2021 3:19:00 AM	61941
Surr: 4-Bromofluorobenzene	85.1	70-130		%Rec	1	8/14/2021 3:19:00 AM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-17 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 11:18:00 AM

Lab ID: 2108597-017

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	100	60		mg/Kg	20	8/17/2021 1:37:25 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	69	9.9		mg/Kg	1	8/20/2021 7:38:04 PM	61962
Motor Oil Range Organics (MRO)	78	50		mg/Kg	1	8/20/2021 7:38:04 PM	61962
Surr: DNOP	113	70-130		%Rec	1	8/20/2021 7:38:04 PM	61962
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/14/2021 3:39:00 AM	61941
Surr: BFB	84.9	70-130		%Rec	1	8/14/2021 3:39:00 AM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/14/2021 3:39:00 AM	61941
Toluene	ND	0.048		mg/Kg	1	8/14/2021 3:39:00 AM	61941
Ethylbenzene	ND	0.048		mg/Kg	1	8/14/2021 3:39:00 AM	61941
Xylenes, Total	ND	0.095		mg/Kg	1	8/14/2021 3:39:00 AM	61941
Surr: 4-Bromofluorobenzene	84.2	70-130		%Rec	1	8/14/2021 3:39:00 AM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-18 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 11:21:00 AM

Lab ID: 2108597-018

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	88	60		mg/Kg	20	8/17/2021 1:49:49 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/18/2021 9:21:18 PM	62056
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/18/2021 9:21:18 PM	62056
Surr: DNOP	105	70-130		%Rec	1	8/18/2021 9:21:18 PM	62056
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/14/2021 3:59:00 AM	61941
Surr: BFB	88.7	70-130		%Rec	1	8/14/2021 3:59:00 AM	61941
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/14/2021 3:59:00 AM	61941
Toluene	ND	0.048		mg/Kg	1	8/14/2021 3:59:00 AM	61941
Ethylbenzene	ND	0.048		mg/Kg	1	8/14/2021 3:59:00 AM	61941
Xylenes, Total	ND	0.096		mg/Kg	1	8/14/2021 3:59:00 AM	61941
Surr: 4-Bromofluorobenzene	87.1	70-130		%Rec	1	8/14/2021 3:59:00 AM	61941

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-19 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 11:24:00 AM

Lab ID: 2108597-019

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	140	61		mg/Kg	20	8/17/2021 2:02:13 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	8/14/2021 10:42:05 PM	61963
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/14/2021 10:42:05 PM	61963
Surr: DNOP	123	70-130		%Rec	1	8/14/2021 10:42:05 PM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/13/2021 9:23:00 AM	61942
Surr: BFB	88.9	70-130		%Rec	1	8/13/2021 9:23:00 AM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/13/2021 9:23:00 AM	61942
Toluene	ND	0.049		mg/Kg	1	8/13/2021 9:23:00 AM	61942
Ethylbenzene	ND	0.049		mg/Kg	1	8/13/2021 9:23:00 AM	61942
Xylenes, Total	ND	0.098		mg/Kg	1	8/13/2021 9:23:00 AM	61942
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	8/13/2021 9:23:00 AM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-20 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 11:27:00 AM

Lab ID: 2108597-020

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	170	61		mg/Kg	20	8/17/2021 2:39:26 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/14/2021 11:55:09 PM	61963
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/14/2021 11:55:09 PM	61963
Surr: DNOP	73.1	70-130		%Rec	1	8/14/2021 11:55:09 PM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/13/2021 10:23:00 AM	61942
Surr: BFB	90.9	70-130		%Rec	1	8/13/2021 10:23:00 AM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/13/2021 10:23:00 AM	61942
Toluene	ND	0.049		mg/Kg	1	8/13/2021 10:23:00 AM	61942
Ethylbenzene	ND	0.049		mg/Kg	1	8/13/2021 10:23:00 AM	61942
Xylenes, Total	ND	0.098		mg/Kg	1	8/13/2021 10:23:00 AM	61942
Surr: 4-Bromofluorobenzene	89.3	70-130		%Rec	1	8/13/2021 10:23:00 AM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-21 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 11:30:00 AM

Lab ID: 2108597-021

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	610	61		mg/Kg	20	8/17/2021 2:51:51 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/15/2021 12:19:27 AM	61963
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/15/2021 12:19:27 AM	61963
Surr: DNOP	98.8	70-130		%Rec	1	8/15/2021 12:19:27 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/13/2021 11:23:00 AM	61942
Surr: BFB	87.5	70-130		%Rec	1	8/13/2021 11:23:00 AM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/13/2021 11:23:00 AM	61942
Toluene	ND	0.047		mg/Kg	1	8/13/2021 11:23:00 AM	61942
Ethylbenzene	ND	0.047		mg/Kg	1	8/13/2021 11:23:00 AM	61942
Xylenes, Total	ND	0.094		mg/Kg	1	8/13/2021 11:23:00 AM	61942
Surr: 4-Bromofluorobenzene	85.7	70-130		%Rec	1	8/13/2021 11:23:00 AM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-22 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 12:18:00 PM

Lab ID: 2108597-022

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/17/2021 3:04:15 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/15/2021 12:43:50 AM	61963
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/15/2021 12:43:50 AM	61963
Surr: DNOP	78.8	70-130		%Rec	1	8/15/2021 12:43:50 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/13/2021 11:42:00 AM	61942
Surr: BFB	88.0	70-130		%Rec	1	8/13/2021 11:42:00 AM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/13/2021 11:42:00 AM	61942
Toluene	ND	0.048		mg/Kg	1	8/13/2021 11:42:00 AM	61942
Ethylbenzene	ND	0.048		mg/Kg	1	8/13/2021 11:42:00 AM	61942
Xylenes, Total	ND	0.096		mg/Kg	1	8/13/2021 11:42:00 AM	61942
Surr: 4-Bromofluorobenzene	85.7	70-130		%Rec	1	8/13/2021 11:42:00 AM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-23 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 12:21:00 PM

Lab ID: 2108597-023

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	8/17/2021 3:16:40 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.5		mg/Kg	1	8/15/2021 1:07:59 AM	61963
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	8/15/2021 1:07:59 AM	61963
Surr: DNOP	78.7	70-130		%Rec	1	8/15/2021 1:07:59 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/13/2021 12:02:00 PM	61942
Surr: BFB	86.6	70-130		%Rec	1	8/13/2021 12:02:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/13/2021 12:02:00 PM	61942
Toluene	ND	0.047		mg/Kg	1	8/13/2021 12:02:00 PM	61942
Ethylbenzene	ND	0.047		mg/Kg	1	8/13/2021 12:02:00 PM	61942
Xylenes, Total	ND	0.094		mg/Kg	1	8/13/2021 12:02:00 PM	61942
Surr: 4-Bromofluorobenzene	85.4	70-130		%Rec	1	8/13/2021 12:02:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-24 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 12:24:00 PM

Lab ID: 2108597-024

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/17/2021 3:29:04 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	8/15/2021 1:32:19 AM	61963
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/15/2021 1:32:19 AM	61963
Surr: DNOP	70.9	70-130		%Rec	1	8/15/2021 1:32:19 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/13/2021 12:22:00 PM	61942
Surr: BFB	87.8	70-130		%Rec	1	8/13/2021 12:22:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	8/13/2021 12:22:00 PM	61942
Toluene	ND	0.047		mg/Kg	1	8/13/2021 12:22:00 PM	61942
Ethylbenzene	ND	0.047		mg/Kg	1	8/13/2021 12:22:00 PM	61942
Xylenes, Total	ND	0.093		mg/Kg	1	8/13/2021 12:22:00 PM	61942
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	1	8/13/2021 12:22:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-25 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 12:27:00 PM

Lab ID: 2108597-025

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	77	60		mg/Kg	20	8/17/2021 3:41:28 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	8/15/2021 1:56:27 AM	61963
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	8/15/2021 1:56:27 AM	61963
Surr: DNOP	111	70-130		%Rec	1	8/15/2021 1:56:27 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/13/2021 12:42:00 PM	61942
Surr: BFB	89.1	70-130		%Rec	1	8/13/2021 12:42:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/13/2021 12:42:00 PM	61942
Toluene	ND	0.047		mg/Kg	1	8/13/2021 12:42:00 PM	61942
Ethylbenzene	ND	0.047		mg/Kg	1	8/13/2021 12:42:00 PM	61942
Xylenes, Total	ND	0.094		mg/Kg	1	8/13/2021 12:42:00 PM	61942
Surr: 4-Bromofluorobenzene	87.6	70-130		%Rec	1	8/13/2021 12:42:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-26 5'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 12:30:00 PM

Lab ID: 2108597-026

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	96	60		mg/Kg	20	8/17/2021 3:53:53 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/15/2021 2:20:45 AM	61963
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/15/2021 2:20:45 AM	61963
Surr: DNOP	92.3	70-130		%Rec	1	8/15/2021 2:20:45 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/13/2021 1:02:00 PM	61942
Surr: BFB	88.9	70-130		%Rec	1	8/13/2021 1:02:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/13/2021 1:02:00 PM	61942
Toluene	ND	0.048		mg/Kg	1	8/13/2021 1:02:00 PM	61942
Ethylbenzene	ND	0.048		mg/Kg	1	8/13/2021 1:02:00 PM	61942
Xylenes, Total	ND	0.096		mg/Kg	1	8/13/2021 1:02:00 PM	61942
Surr: 4-Bromofluorobenzene	88.3	70-130		%Rec	1	8/13/2021 1:02:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-27 5'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 12:33:00 PM

Lab ID: 2108597-027

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/17/2021 4:06:17 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	8/15/2021 2:44:58 AM	61963
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	8/15/2021 2:44:58 AM	61963
Surr: DNOP	74.0	70-130		%Rec	1	8/15/2021 2:44:58 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/13/2021 1:22:00 PM	61942
Surr: BFB	88.1	70-130		%Rec	1	8/13/2021 1:22:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/13/2021 1:22:00 PM	61942
Toluene	ND	0.048		mg/Kg	1	8/13/2021 1:22:00 PM	61942
Ethylbenzene	ND	0.048		mg/Kg	1	8/13/2021 1:22:00 PM	61942
Xylenes, Total	ND	0.096		mg/Kg	1	8/13/2021 1:22:00 PM	61942
Surr: 4-Bromofluorobenzene	87.1	70-130		%Rec	1	8/13/2021 1:22:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-28 5'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 12:36:00 PM

Lab ID: 2108597-028

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/17/2021 4:18:42 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/15/2021 3:09:31 AM	61963
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/15/2021 3:09:31 AM	61963
Surr: DNOP	82.8	70-130		%Rec	1	8/15/2021 3:09:31 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/13/2021 1:42:00 PM	61942
Surr: BFB	89.3	70-130		%Rec	1	8/13/2021 1:42:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/13/2021 1:42:00 PM	61942
Toluene	ND	0.049		mg/Kg	1	8/13/2021 1:42:00 PM	61942
Ethylbenzene	ND	0.049		mg/Kg	1	8/13/2021 1:42:00 PM	61942
Xylenes, Total	ND	0.099		mg/Kg	1	8/13/2021 1:42:00 PM	61942
Surr: 4-Bromofluorobenzene	88.8	70-130		%Rec	1	8/13/2021 1:42:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-29 5'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 12:39:00 PM

Lab ID: 2108597-029

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/17/2021 4:31:06 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/18/2021 5:50:50 PM	61963
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/18/2021 5:50:50 PM	61963
Surr: DNOP	87.6	70-130		%Rec	1	8/18/2021 5:50:50 PM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/13/2021 2:42:00 PM	61942
Surr: BFB	89.1	70-130		%Rec	1	8/13/2021 2:42:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/13/2021 2:42:00 PM	61942
Toluene	ND	0.049		mg/Kg	1	8/13/2021 2:42:00 PM	61942
Ethylbenzene	ND	0.049		mg/Kg	1	8/13/2021 2:42:00 PM	61942
Xylenes, Total	ND	0.097		mg/Kg	1	8/13/2021 2:42:00 PM	61942
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	8/13/2021 2:42:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-30 5'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 12:42:00 PM

Lab ID: 2108597-030

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/17/2021 5:08:19 PM	62011
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/15/2021 4:22:42 AM	61963
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/15/2021 4:22:42 AM	61963
Surr: DNOP	88.6	70-130		%Rec	1	8/15/2021 4:22:42 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/13/2021 3:02:00 PM	61942
Surr: BFB	87.1	70-130		%Rec	1	8/13/2021 3:02:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/13/2021 3:02:00 PM	61942
Toluene	ND	0.050		mg/Kg	1	8/13/2021 3:02:00 PM	61942
Ethylbenzene	ND	0.050		mg/Kg	1	8/13/2021 3:02:00 PM	61942
Xylenes, Total	ND	0.099		mg/Kg	1	8/13/2021 3:02:00 PM	61942
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	8/13/2021 3:02:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-31 5'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 12:45:00 PM

Lab ID: 2108597-031

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	8/17/2021 5:57:56 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/15/2021 4:46:59 AM	61963
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/15/2021 4:46:59 AM	61963
Surr: DNOP	82.7	70-130		%Rec	1	8/15/2021 4:46:59 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/13/2021 3:22:00 PM	61942
Surr: BFB	88.1	70-130		%Rec	1	8/13/2021 3:22:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	8/13/2021 3:22:00 PM	61942
Toluene	ND	0.047		mg/Kg	1	8/13/2021 3:22:00 PM	61942
Ethylbenzene	ND	0.047		mg/Kg	1	8/13/2021 3:22:00 PM	61942
Xylenes, Total	ND	0.094		mg/Kg	1	8/13/2021 3:22:00 PM	61942
Surr: 4-Bromofluorobenzene	85.5	70-130		%Rec	1	8/13/2021 3:22:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-32 5'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 12:48:00 PM

Lab ID: 2108597-032

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/17/2021 6:10:21 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	8/15/2021 5:11:03 AM	61963
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/15/2021 5:11:03 AM	61963
Surr: DNOP	102	70-130		%Rec	1	8/15/2021 5:11:03 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/13/2021 3:42:00 PM	61942
Surr: BFB	84.0	70-130		%Rec	1	8/13/2021 3:42:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	8/13/2021 3:42:00 PM	61942
Toluene	ND	0.047		mg/Kg	1	8/13/2021 3:42:00 PM	61942
Ethylbenzene	ND	0.047		mg/Kg	1	8/13/2021 3:42:00 PM	61942
Xylenes, Total	ND	0.094		mg/Kg	1	8/13/2021 3:42:00 PM	61942
Surr: 4-Bromofluorobenzene	86.5	70-130		%Rec	1	8/13/2021 3:42:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-33 5'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 12:51:00 PM

Lab ID: 2108597-033

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	8/17/2021 6:22:45 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	8/15/2021 5:35:23 AM	61963
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	8/15/2021 5:35:23 AM	61963
Surr: DNOP	109	70-130		%Rec	1	8/15/2021 5:35:23 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/13/2021 4:02:00 PM	61942
Surr: BFB	87.5	70-130		%Rec	1	8/13/2021 4:02:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/13/2021 4:02:00 PM	61942
Toluene	ND	0.049		mg/Kg	1	8/13/2021 4:02:00 PM	61942
Ethylbenzene	ND	0.049		mg/Kg	1	8/13/2021 4:02:00 PM	61942
Xylenes, Total	ND	0.099		mg/Kg	1	8/13/2021 4:02:00 PM	61942
Surr: 4-Bromofluorobenzene	86.9	70-130		%Rec	1	8/13/2021 4:02:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: E.SW-1 10'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 1:05:00 PM

Lab ID: 2108597-034

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	650	60		mg/Kg	20	8/17/2021 6:35:09 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	13	9.9		mg/Kg	1	8/15/2021 5:59:32 AM	61963
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/15/2021 5:59:32 AM	61963
Surr: DNOP	98.7	70-130		%Rec	1	8/15/2021 5:59:32 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/13/2021 4:22:00 PM	61942
Surr: BFB	85.6	70-130		%Rec	1	8/13/2021 4:22:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/13/2021 4:22:00 PM	61942
Toluene	ND	0.049		mg/Kg	1	8/13/2021 4:22:00 PM	61942
Ethylbenzene	ND	0.049		mg/Kg	1	8/13/2021 4:22:00 PM	61942
Xylenes, Total	ND	0.099		mg/Kg	1	8/13/2021 4:22:00 PM	61942
Surr: 4-Bromofluorobenzene	83.9	70-130		%Rec	1	8/13/2021 4:22:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: E.SW-2 10'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 1:08:00 PM

Lab ID: 2108597-035

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	150	60		mg/Kg	20	8/17/2021 6:47:33 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/15/2021 6:23:54 AM	61963
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/15/2021 6:23:54 AM	61963
Surr: DNOP	88.2	70-130		%Rec	1	8/15/2021 6:23:54 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/13/2021 4:42:00 PM	61942
Surr: BFB	85.9	70-130		%Rec	1	8/13/2021 4:42:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	8/13/2021 4:42:00 PM	61942
Toluene	ND	0.047		mg/Kg	1	8/13/2021 4:42:00 PM	61942
Ethylbenzene	ND	0.047		mg/Kg	1	8/13/2021 4:42:00 PM	61942
Xylenes, Total	ND	0.094		mg/Kg	1	8/13/2021 4:42:00 PM	61942
Surr: 4-Bromofluorobenzene	84.6	70-130		%Rec	1	8/13/2021 4:42:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: W.SW 5'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 1:11:00 PM

Lab ID: 2108597-036

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/17/2021 6:59:58 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/15/2021 6:48:07 AM	61963
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/15/2021 6:48:07 AM	61963
Surr: DNOP	140	70-130	S	%Rec	1	8/15/2021 6:48:07 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/13/2021 5:02:00 PM	61942
Surr: BFB	88.1	70-130		%Rec	1	8/13/2021 5:02:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	8/13/2021 5:02:00 PM	61942
Toluene	ND	0.047		mg/Kg	1	8/13/2021 5:02:00 PM	61942
Ethylbenzene	ND	0.047		mg/Kg	1	8/13/2021 5:02:00 PM	61942
Xylenes, Total	ND	0.093		mg/Kg	1	8/13/2021 5:02:00 PM	61942
Surr: 4-Bromofluorobenzene	87.1	70-130		%Rec	1	8/13/2021 5:02:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: N.SW-1 10'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 1:14:00 PM

Lab ID: 2108597-037

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/17/2021 7:37:12 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	23	9.7		mg/Kg	1	8/15/2021 7:13:01 AM	61963
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/15/2021 7:13:01 AM	61963
Surr: DNOP	103	70-130		%Rec	1	8/15/2021 7:13:01 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/13/2021 5:22:00 PM	61942
Surr: BFB	84.5	70-130		%Rec	1	8/13/2021 5:22:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	8/13/2021 5:22:00 PM	61942
Toluene	ND	0.047		mg/Kg	1	8/13/2021 5:22:00 PM	61942
Ethylbenzene	ND	0.047		mg/Kg	1	8/13/2021 5:22:00 PM	61942
Xylenes, Total	ND	0.094		mg/Kg	1	8/13/2021 5:22:00 PM	61942
Surr: 4-Bromofluorobenzene	84.4	70-130		%Rec	1	8/13/2021 5:22:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: N.SW-2 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 1:17:00 PM

Lab ID: 2108597-038

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	220	60		mg/Kg	20	8/17/2021 7:49:37 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	370	9.6		mg/Kg	1	8/15/2021 7:37:14 AM	61963
Motor Oil Range Organics (MRO)	520	48		mg/Kg	1	8/15/2021 7:37:14 AM	61963
Surr: DNOP	98.9	70-130		%Rec	1	8/15/2021 7:37:14 AM	61963
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/13/2021 5:42:00 PM	61942
Surr: BFB	86.5	70-130		%Rec	1	8/13/2021 5:42:00 PM	61942
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/13/2021 5:42:00 PM	61942
Toluene	ND	0.048		mg/Kg	1	8/13/2021 5:42:00 PM	61942
Ethylbenzene	ND	0.048		mg/Kg	1	8/13/2021 5:42:00 PM	61942
Xylenes, Total	ND	0.097		mg/Kg	1	8/13/2021 5:42:00 PM	61942
Surr: 4-Bromofluorobenzene	85.9	70-130		%Rec	1	8/13/2021 5:42:00 PM	61942

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: N.SW-3 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 1:20:00 PM

Lab ID: 2108597-039

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	150	60		mg/Kg	20	8/17/2021 8:02:02 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/14/2021 11:21:23 AM	61956
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/14/2021 11:21:23 AM	61956
Surr: DNOP	102	70-130		%Rec	1	8/14/2021 11:21:23 AM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/13/2021 12:14:37 PM	61947
Surr: BFB	89.6	70-130		%Rec	1	8/13/2021 12:14:37 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/13/2021 12:14:37 PM	61947
Toluene	ND	0.050		mg/Kg	1	8/13/2021 12:14:37 PM	61947
Ethylbenzene	ND	0.050		mg/Kg	1	8/13/2021 12:14:37 PM	61947
Xylenes, Total	ND	0.10		mg/Kg	1	8/13/2021 12:14:37 PM	61947
Surr: 4-Bromofluorobenzene	89.5	70-130		%Rec	1	8/13/2021 12:14:37 PM	61947

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: N.SW-4 5'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 1:23:00 PM

Lab ID: 2108597-040

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	130	60		mg/Kg	20	8/17/2021 8:14:26 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/14/2021 1:22:49 PM	61956
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/14/2021 1:22:49 PM	61956
Surr: DNOP	86.9	70-130		%Rec	1	8/14/2021 1:22:49 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/13/2021 1:25:22 PM	61947
Surr: BFB	90.2	70-130		%Rec	1	8/13/2021 1:25:22 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	8/13/2021 1:25:22 PM	61947
Toluene	ND	0.048		mg/Kg	1	8/13/2021 1:25:22 PM	61947
Ethylbenzene	ND	0.048		mg/Kg	1	8/13/2021 1:25:22 PM	61947
Xylenes, Total	ND	0.096		mg/Kg	1	8/13/2021 1:25:22 PM	61947
Surr: 4-Bromofluorobenzene	89.0	70-130		%Rec	1	8/13/2021 1:25:22 PM	61947

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S.SW-1 10'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 1:26:00 PM

Lab ID: 2108597-041

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	400	59		mg/Kg	20	8/17/2021 8:26:50 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	13	9.9		mg/Kg	1	8/14/2021 1:47:03 PM	61956
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/14/2021 1:47:03 PM	61956
Surr: DNOP	88.7	70-130		%Rec	1	8/14/2021 1:47:03 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/13/2021 2:36:26 PM	61947
Surr: BFB	89.3	70-130		%Rec	1	8/13/2021 2:36:26 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/13/2021 2:36:26 PM	61947
Toluene	ND	0.049		mg/Kg	1	8/13/2021 2:36:26 PM	61947
Ethylbenzene	ND	0.049		mg/Kg	1	8/13/2021 2:36:26 PM	61947
Xylenes, Total	ND	0.098		mg/Kg	1	8/13/2021 2:36:26 PM	61947
Surr: 4-Bromofluorobenzene	89.1	70-130		%Rec	1	8/13/2021 2:36:26 PM	61947

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S.SW-2 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 1:29:00 PM

Lab ID: 2108597-042

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	71	60		mg/Kg	20	8/17/2021 8:39:14 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/14/2021 2:35:56 PM	61956
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/14/2021 2:35:56 PM	61956
Surr: DNOP	86.5	70-130		%Rec	1	8/14/2021 2:35:56 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/13/2021 3:00:04 PM	61947
Surr: BFB	90.1	70-130		%Rec	1	8/13/2021 3:00:04 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	8/13/2021 3:00:04 PM	61947
Toluene	ND	0.048		mg/Kg	1	8/13/2021 3:00:04 PM	61947
Ethylbenzene	ND	0.048		mg/Kg	1	8/13/2021 3:00:04 PM	61947
Xylenes, Total	ND	0.096		mg/Kg	1	8/13/2021 3:00:04 PM	61947
Surr: 4-Bromofluorobenzene	89.6	70-130		%Rec	1	8/13/2021 3:00:04 PM	61947

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S.SW-3 3'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 1:32:00 PM

Lab ID: 2108597-043

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	89	60		mg/Kg	20	8/17/2021 8:51:39 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/14/2021 3:00:18 PM	61956
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/14/2021 3:00:18 PM	61956
Surr: DNOP	82.5	70-130		%Rec	1	8/14/2021 3:00:18 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/13/2021 3:23:39 PM	61947
Surr: BFB	90.1	70-130		%Rec	1	8/13/2021 3:23:39 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/13/2021 3:23:39 PM	61947
Toluene	ND	0.050		mg/Kg	1	8/13/2021 3:23:39 PM	61947
Ethylbenzene	ND	0.050		mg/Kg	1	8/13/2021 3:23:39 PM	61947
Xylenes, Total	ND	0.10		mg/Kg	1	8/13/2021 3:23:39 PM	61947
Surr: 4-Bromofluorobenzene	90.3	70-130		%Rec	1	8/13/2021 3:23:39 PM	61947

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		

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Analytical Report

Lab Order 2108597

Date Reported: 8/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S.SW-4 5'

Project: Atom Ant Fed Com 1

Collection Date: 8/11/2021 1:36:00 PM

Lab ID: 2108597-044

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/17/2021 9:04:04 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/14/2021 3:24:32 PM	61956
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/14/2021 3:24:32 PM	61956
Surr: DNOP	74.3	70-130		%Rec	1	8/14/2021 3:24:32 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/13/2021 3:47:15 PM	61947
Surr: BFB	91.3	70-130		%Rec	1	8/13/2021 3:47:15 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	8/13/2021 3:47:15 PM	61947
Toluene	ND	0.048		mg/Kg	1	8/13/2021 3:47:15 PM	61947
Ethylbenzene	ND	0.048		mg/Kg	1	8/13/2021 3:47:15 PM	61947
Xylenes, Total	ND	0.097		mg/Kg	1	8/13/2021 3:47:15 PM	61947
Surr: 4-Bromofluorobenzene	91.4	70-130		%Rec	1	8/13/2021 3:47:15 PM	61947

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		

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

WO#: 2108597

23-Aug-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: MB-61970	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 61970	RunNo: 80544								
Prep Date: 8/16/2021	Analysis Date: 8/16/2021	SeqNo: 2840900 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-61970	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 61970	RunNo: 80544								
Prep Date: 8/16/2021	Analysis Date: 8/16/2021	SeqNo: 2840901 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.8	90	110			

Sample ID: MB-61977	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 61977	RunNo: 80544								
Prep Date: 8/16/2021	Analysis Date: 8/16/2021	SeqNo: 2840949 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-61977	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 61977	RunNo: 80544								
Prep Date: 8/16/2021	Analysis Date: 8/16/2021	SeqNo: 2840950 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.5	90	110			

Sample ID: MB-61977	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 61977	RunNo: 80595								
Prep Date: 8/16/2021	Analysis Date: 8/17/2021	SeqNo: 2842812 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-61977	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 61977	RunNo: 80595								
Prep Date: 8/16/2021	Analysis Date: 8/17/2021	SeqNo: 2842813 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.4	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

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

WO#: 2108597

23-Aug-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: MB-62011	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62011	RunNo: 80595								
Prep Date: 8/17/2021	Analysis Date: 8/17/2021	SeqNo: 2842827 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62011	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62011	RunNo: 80595								
Prep Date: 8/17/2021	Analysis Date: 8/17/2021	SeqNo: 2842828 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.4	90	110			

Sample ID: MB-62013	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62013	RunNo: 80595								
Prep Date: 8/17/2021	Analysis Date: 8/17/2021	SeqNo: 2842861 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62013	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62013	RunNo: 80595								
Prep Date: 8/17/2021	Analysis Date: 8/17/2021	SeqNo: 2842862 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.0	90	110			

Qualifiers:

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

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

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

WO#: 2108597

23-Aug-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: MB-61962	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 61962	RunNo: 80552								
Prep Date: 8/13/2021	Analysis Date: 8/14/2021	SeqNo: 2840704 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	12		10.00		117	70	130			

Sample ID: LCS-61962	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 61962	RunNo: 80552								
Prep Date: 8/13/2021	Analysis Date: 8/14/2021	SeqNo: 2840706 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	59	10	50.00	0	118	68.9	141			
Surr: DNOP	6.2		5.000		125	70	130			

Sample ID: MB-61956	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 61956	RunNo: 80568								
Prep Date: 8/13/2021	Analysis Date: 8/14/2021	SeqNo: 2841994 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		108	70	130			

Sample ID: MB-61963	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 61963	RunNo: 80568								
Prep Date: 8/13/2021	Analysis Date: 8/14/2021	SeqNo: 2841996 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	9.6		10.00		95.8	70	130			

Sample ID: 2108597-019AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-19 3'	Batch ID: 61963	RunNo: 80568								
Prep Date: 8/13/2021	Analysis Date: 8/14/2021	SeqNo: 2842016 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	9.9	49.70	6.177	103	15	184			
Surr: DNOP	5.3		4.970		106	70	130			

Qualifiers:

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

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

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

WO#: 2108597

23-Aug-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: 2108597-019AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-19 3'	Batch ID: 61963	RunNo: 80568								
Prep Date: 8/13/2021	Analysis Date: 8/14/2021	SeqNo: 2842018 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	9.9	49.65	6.177	74.7	15	184	28.1	23.9	R
Surr: DNOP	3.8		4.965		76.9	70	130	0	0	

Sample ID: LCS-61963	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 61963	RunNo: 80568								
Prep Date: 8/13/2021	Analysis Date: 8/14/2021	SeqNo: 2842049 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	55	10	50.00	0	110	68.9	141			
Surr: DNOP	5.0		5.000		99.6	70	130			

Sample ID: LCS-61956	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 61956	RunNo: 80568								
Prep Date: 8/13/2021	Analysis Date: 8/14/2021	SeqNo: 2842067 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	104	68.9	141			
Surr: DNOP	5.0		5.000		99.3	70	130			

Sample ID: 2108597-039AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: N.SW-3 3'	Batch ID: 61956	RunNo: 80568								
Prep Date: 8/13/2021	Analysis Date: 8/14/2021	SeqNo: 2842078 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	49.95	0	90.5	15	184			
Surr: DNOP	4.2		4.995		83.7	70	130			

Sample ID: 2108597-039AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: N.SW-3 3'	Batch ID: 61956	RunNo: 80568								
Prep Date: 8/13/2021	Analysis Date: 8/14/2021	SeqNo: 2842080 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	9.8	48.88	0	91.8	15	184	0.779	23.9	
Surr: DNOP	4.2		4.888		86.9	70	130	0	0	

Sample ID: MB-62056	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 62056	RunNo: 80624								
Prep Date: 8/18/2021	Analysis Date: 8/18/2021	SeqNo: 2844794 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical 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

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

WO#: 2108597

23-Aug-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: MB-62056	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 62056	RunNo: 80624								
Prep Date: 8/18/2021	Analysis Date: 8/18/2021	SeqNo: 2844794	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	13		10.00		131	70	130			S

Sample ID: LCS-62056	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 62056	RunNo: 80624								
Prep Date: 8/18/2021	Analysis Date: 8/18/2021	SeqNo: 2844797	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.7	68.9	141			
Surr: DNOP	4.9		5.000		98.7	70	130			

Qualifiers:

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

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

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

WO#: 2108597

23-Aug-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: mb-61942	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 61942			RunNo: 80530						
Prep Date: 8/12/2021	Analysis Date: 8/13/2021			SeqNo: 2839389			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	920		1000		92.4	70	130			

Sample ID: mb-61941	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 61941			RunNo: 80530						
Prep Date: 8/12/2021	Analysis Date: 8/13/2021			SeqNo: 2839390			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	840		1000		84.0	70	130			

Sample ID: lcs-61942	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 61942			RunNo: 80530						
Prep Date: 8/12/2021	Analysis Date: 8/13/2021			SeqNo: 2839391			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	78.6	131			
Surr: BFB	1100		1000		109	70	130			

Sample ID: lcs-61941	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 61941			RunNo: 80530						
Prep Date: 8/12/2021	Analysis Date: 8/13/2021			SeqNo: 2839392			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	78.6	131			
Surr: BFB	1000		1000		101	70	130			

Sample ID: 2108597-019ams	SampType: MS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: S-19 3'	Batch ID: 61942			RunNo: 80530						
Prep Date: 8/12/2021	Analysis Date: 8/13/2021			SeqNo: 2839393			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	24.88	0	115	61.3	114			S
Surr: BFB	1100		995.0		108	70	130			

Sample ID: 2108597-019amsd	SampType: MSD			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: S-19 3'	Batch ID: 61942			RunNo: 80530						
Prep Date: 8/12/2021	Analysis Date: 8/13/2021			SeqNo: 2839395			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical 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

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

WO#: 2108597

23-Aug-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: 2108597-019amsd		SampType: MSD			TestCode: EPA Method 8015D: Gasoline Range					
Client ID: S-19 3'		Batch ID: 61942			RunNo: 80530					
Prep Date: 8/12/2021		Analysis Date: 8/13/2021			SeqNo: 2839395		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	4.9	24.58	0	117	61.3	114	0.671	20	S
Surr: BFB	1000		983.3		102	70	130	0	0	

Sample ID: 2108597-039ams		SampType: MS			TestCode: EPA Method 8015D: Gasoline Range					
Client ID: N.SW-3 3'		Batch ID: 61947			RunNo: 80551					
Prep Date: 8/12/2021		Analysis Date: 8/13/2021			SeqNo: 2840604		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	4.7	23.50	0	123	61.3	114			S
Surr: BFB	970		939.8		103	70	130			

Sample ID: 2108597-039amsd		SampType: MSD			TestCode: EPA Method 8015D: Gasoline Range					
Client ID: N.SW-3 3'		Batch ID: 61947			RunNo: 80551					
Prep Date: 8/12/2021		Analysis Date: 8/13/2021			SeqNo: 2840605		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	31	4.8	24.06	0	127	61.3	114	5.79	20	S
Surr: BFB	1000		962.5		104	70	130	0	0	

Sample ID: lcs-61947		SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS		Batch ID: 61947			RunNo: 80551					
Prep Date: 8/12/2021		Analysis Date: 8/13/2021			SeqNo: 2840647		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	109	78.6	131			
Surr: BFB	1000		1000		101	70	130			

Sample ID: mb-61947		SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS		Batch ID: 61947		RunNo: 80551						
Prep Date: 8/12/2021		Analysis Date: 8/13/2021		SeqNo: 2840649		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	870		1000		87.0	70	130			

Qualifiers:

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

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

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

WO#: 2108597

23-Aug-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: mb-61942	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 61942	RunNo: 80530								
Prep Date: 8/12/2021	Analysis Date: 8/13/2021	SeqNo: 2839539 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.89		1.000		88.6	70	130			

Sample ID: mb-61941	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 61941	RunNo: 80530								
Prep Date: 8/12/2021	Analysis Date: 8/13/2021	SeqNo: 2839540 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.85		1.000		84.8	70	130			

Sample ID: lcs-61942	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 61942	RunNo: 80530								
Prep Date: 8/12/2021	Analysis Date: 8/13/2021	SeqNo: 2839541 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.3	80	120			
Toluene	0.96	0.050	1.000	0	95.6	80	120			
Ethylbenzene	0.98	0.050	1.000	0	98.2	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.8	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		89.3	70	130			

Sample ID: lcs-61941	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 61941	RunNo: 80530								
Prep Date: 8/12/2021	Analysis Date: 8/13/2021	SeqNo: 2839542 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	99.3	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.0	0.10	3.000	0	102	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		87.2	70	130			

Qualifiers:

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

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

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

WO#: 2108597

23-Aug-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: 2108597-020ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-20 3'	Batch ID: 61942	RunNo: 80530								
Prep Date: 8/12/2021	Analysis Date: 8/13/2021	SeqNo: 2839543 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9653	0	105	80	120			
Toluene	1.0	0.048	0.9653	0	107	80	120			
Ethylbenzene	1.1	0.048	0.9653	0	109	80	120			
Xylenes, Total	3.2	0.097	2.896	0	109	80	120			
Surr: 4-Bromofluorobenzene	0.86		0.9653		89.3	70	130			

Sample ID: 2108597-020amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-20 3'	Batch ID: 61942	RunNo: 80530								
Prep Date: 8/12/2021	Analysis Date: 8/13/2021	SeqNo: 2839545 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9690	0	111	80	120	6.37	20	
Toluene	1.1	0.048	0.9690	0	115	80	120	7.07	20	
Ethylbenzene	1.1	0.048	0.9690	0	118	80	120	8.09	20	
Xylenes, Total	3.5	0.097	2.907	0	119	80	120	8.56	20	
Surr: 4-Bromofluorobenzene	0.85		0.9690		87.7	70	130	0	0	

Sample ID: 2108597-040ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: N.SW-4 5'	Batch ID: 61947	RunNo: 80551								
Prep Date: 8/12/2021	Analysis Date: 8/13/2021	SeqNo: 2840653 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9479	0	107	80	120			
Toluene	1.0	0.047	0.9479	0	109	80	120			
Ethylbenzene	1.0	0.047	0.9479	0	109	80	120			
Xylenes, Total	3.1	0.095	2.844	0	108	80	120			
Surr: 4-Bromofluorobenzene	0.87		0.9479		91.3	70	130			

Sample ID: 2108597-040amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: N.SW-4 5'	Batch ID: 61947	RunNo: 80551								
Prep Date: 8/12/2021	Analysis Date: 8/13/2021	SeqNo: 2840654 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9872	0	107	80	120	3.68	20	
Toluene	1.1	0.049	0.9872	0	109	80	120	4.75	20	
Ethylbenzene	1.1	0.049	0.9872	0	109	80	120	3.90	20	
Xylenes, Total	3.2	0.099	2.962	0	108	80	120	4.00	20	
Surr: 4-Bromofluorobenzene	0.91		0.9872		91.8	70	130	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical 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

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

WO#: 2108597

23-Aug-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: LCS-61947	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 61947			RunNo: 80551						
Prep Date: 8/12/2021	Analysis Date: 8/13/2021			SeqNo: 2840695		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	90.7	80	120			
Toluene	0.91	0.050	1.000	0	91.4	80	120			
Ethylbenzene	0.90	0.050	1.000	0	90.5	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.6	80	120			
Surr: 4-Bromofluorobenzene	0.92		1.000		92.5	70	130			

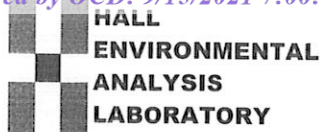
Sample ID: mb-61947	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 61947			RunNo: 80551						
Prep Date: 8/12/2021	Analysis Date: 8/13/2021			SeqNo: 2840697		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.87		1.000		86.9	70	130			

Qualifiers:

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

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

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

Sample Log-In Check List

Client Name: Talon Artesia

Work Order Number: 2108597

RcptNo: 1

Received By: Cheyenne Cason

8/12/2021 7:40:00 AM

Completed By: Sean Livingston

8/12/2021 8:41:12 AM

Reviewed By: X

KPH 8/12/21 JR 8/12/21

Cason

Sean Livingston

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: KPH 8/12/21

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 °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.1	Good				
2	0.4	Good				

Chain-of-Custody Record		Turn-Around Time: 4-Day
Client: Talon LPE		<input type="checkbox"/> Standard <input type="checkbox"/> Rush
Mailing Address: 408 W. Texas Ave		Project Name:
Artesia, NM 88210		Atom Ant (Atom Ant Fed Com 1)
Phone #: 575.746.8768		Project #: 700438.253.01
email or Fax#:		Project Manager:
QA/QC Package:		R. Pons
<input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)		
Accreditation: <input type="checkbox"/> Az Compliance		Sampler: M. Collier/ J. Carnes
<input type="checkbox"/> NELAC <input type="checkbox"/> Other		On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> EDD (Type)		# of Coolers: 2

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Project Manager:	R. Pons
Sampler:	M. Collier/ J. Carnes
On Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
# of Coolers:	2 0.4 - 0 = 0.4
Cooler Temp	(including CF): 91 - 0 = 91

Project Manager:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other☐ EDD (Type)

Cooler Temp (including CE): 51-52-51

[illegible]

Container	Preservative	HEAL No
-----------	--------------	---------

Type and #	Type
	E678012

[illegible]

Glass/ 1	Ice/ Cool	001
----------	-----------	-----

002

?		

3			
---	--	--	--

780		
-----	--	--

800

--	--	--

3	
---	--

72)

3		
---	--	--

500		
-----	--	--

3

9	5	5
---	---	---

15	

210	1	1
-----	---	---

Received by: _____
Via: _____
Date: _____
Time: _____

17/11/2007

Received by:	Via:	Date	Time
--------------	------	------	------

see Courier 8/12/21 0740

contracted to other accredited laboratories. This serves as notice of this

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Pg 1 of 4

Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave

Artesia, NM 88210

Phone #: 575.746.8768

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time: 4-Day

☐ Standard ☐ Rush

Project Name:

Atom Ant (Atom Ant Fed Com 1)

Project #:

700438.253.01

Project Manager:

R. Pons

Sampler: M. Collier/ J. Carnes

On Ice: ☒ Yes ☐ No

of Coolers: 2 0.4 - 0 = 0.4

Cooler Temp (including CF): 2.1 - 0 = 2.1

Container Type and #

Preservative Type

HEAL No.

Glass/ 1

Ice/ Cool

Date Time Matrix Sample Name

8/11/2021 11:06 S-13 3' Soil

11:09 S-14 3'

11:12 S-15 3'

11:15 S-16 3'

11:18 S-17 3'

11:21 S-18 3'

11:24 S-19 3'

11:27 S-20 3'

11:30 S-21 3'

12:18 S-22 3'

12:21 S-23 3'

12:24 S-24 3'

Date Time Relinquished by:

8/11/21 1600 M. Collier

Date Time Relinquished by:

8/11/21 1600 M. Collier

Received by:

Via:

Date Time

8/11/21 1600

Received by:

Via:

Date Time

8/11/21 1600

Received by:

Via:

Date Time

8/11/21 1600

Received by:

Via:

Date Time

8/11/21 1600

Remarks: Direct bill to EOG Resources ATTN: Chase Settle

Chase Settle

Chase Settle

Chase Settle

Chase Settle

Chase Settle

Chase Settle

Chase Settle

Chase Settle

Chase Settle

Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave

Artesia, NM 88210

Phone #: 575.746.8768

email or Fax#:

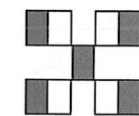
QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time: 4-Day
☐ Standard ☐ Rush
 Project Name:
 Atom Ant (Atom Ant Fed Com 1)
 Project #:
 700438.253.01
 Project Manager:
 R. Pons
 Sampler: M. Collier/ J. Carnes
 On Ice: ☒ Yes ☐ No
 # of Coolers: 2 0.4 - 0 = 0.4
 Cooler Temp (including CF): 2.1 - 0 = 2.1
 Container Type and #
 Glass/ 1
 Ice/ Cool
 HEAL No.

Date	Time	Matrix	Sample Name
8/11/2021	12:27	Soil	S-25 3'
	12:30		S-26 5'
	12:33		S-27 5'
	12:36		S-28 5'
	12:39		S-29 5'
	12:42		S-30 5'
	12:45		S-31 5'
	12:48		S-32 5'
	12:51		S-33 5'
	1:05		E.SW-1 10'
	1:08		E.SW-2 10'
	1:11		W.SW 5'
Date:	Time:	Relinquished by:	
8/11/21	1:00	<i>[Signature]</i>	
Date:	Time:	Relinquished by:	
8/11/21	1:00	<i>[Signature]</i>	

Received by: *[Signature]* Date: 8/11/21 Time: 1:00
 Received by: *[Signature]* Date: 8/11/21 Time: 1:00
see com 8/11/21 0740

HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Chlorides	BT	PH	TX	HEAL No.
X	X	X	X	025
				026
				027
				028
				029
				030
				031
				032
				033
				034
				035
				036

Remarks: Direct bill to EOG Resources ATTN: Chase Settle

www.hallenvironmental.com

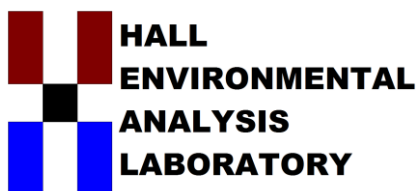
4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[illegible]

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



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

September 07, 2021

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

RE: Atom Ant Fed Com 1

OrderNo.: 2109003

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 3 sample(s) on 9/1/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2109003

Date Reported: 9/7/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-1A 12'

Project: Atom Ant Fed Com 1

Collection Date: 8/31/2021 8:00:00 AM

Lab ID: 2109003-001

Matrix: SOIL

Received Date: 9/1/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	59		mg/Kg	20	9/2/2021 10:10:32 PM	62363
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/2/2021 11:57:18 AM	62342
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/2/2021 11:57:18 AM	62342
Surr: DNOP	113	70-130		%Rec	1	9/2/2021 11:57:18 AM	62342
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/2/2021 10:08:00 AM	62334
Surr: BFB	92.0	70-130		%Rec	1	9/2/2021 10:08:00 AM	62334
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/2/2021 10:08:00 AM	62334
Toluene	ND	0.048		mg/Kg	1	9/2/2021 10:08:00 AM	62334
Ethylbenzene	ND	0.048		mg/Kg	1	9/2/2021 10:08:00 AM	62334
Xylenes, Total	ND	0.097		mg/Kg	1	9/2/2021 10:08:00 AM	62334
Surr: 4-Bromofluorobenzene	78.5	70-130		%Rec	1	9/2/2021 10:08:00 AM	62334

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		

Page 1 of 7

Analytical Report

Lab Order 2109003

Date Reported: 9/7/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-2A 12'

Project: Atom Ant Fed Com 1

Collection Date: 8/31/2021 8:05:00 AM

Lab ID: 2109003-002

Matrix: SOIL

Received Date: 9/1/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	60		mg/Kg	20	9/2/2021 10:22:57 PM	62363
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	9/2/2021 12:26:27 PM	62342
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/2/2021 12:26:27 PM	62342
Surr: DNOP	140	70-130	S	%Rec	1	9/2/2021 12:26:27 PM	62342
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/2/2021 11:08:00 AM	62334
Surr: BFB	90.0	70-130		%Rec	1	9/2/2021 11:08:00 AM	62334
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/2/2021 11:08:00 AM	62334
Toluene	ND	0.049		mg/Kg	1	9/2/2021 11:08:00 AM	62334
Ethylbenzene	ND	0.049		mg/Kg	1	9/2/2021 11:08:00 AM	62334
Xylenes, Total	ND	0.097		mg/Kg	1	9/2/2021 11:08:00 AM	62334
Surr: 4-Bromofluorobenzene	81.9	70-130		%Rec	1	9/2/2021 11:08:00 AM	62334

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		

Page 2 of 7

Analytical Report

Lab Order 2109003

Date Reported: 9/7/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-10 5'

Project: Atom Ant Fed Com 1

Collection Date: 8/31/2021 8:15:00 AM

Lab ID: 2109003-003

Matrix: SOIL

Received Date: 9/1/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	100	60		mg/Kg	20	9/2/2021 10:35:21 PM	62363
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/2/2021 12:36:10 PM	62342
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/2/2021 12:36:10 PM	62342
Surr: DNOP	96.6	70-130		%Rec	1	9/2/2021 12:36:10 PM	62342
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/2/2021 12:08:00 PM	62334
Surr: BFB	85.9	70-130		%Rec	1	9/2/2021 12:08:00 PM	62334
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/2/2021 12:08:00 PM	62334
Toluene	ND	0.047		mg/Kg	1	9/2/2021 12:08:00 PM	62334
Ethylbenzene	ND	0.047		mg/Kg	1	9/2/2021 12:08:00 PM	62334
Xylenes, Total	ND	0.094		mg/Kg	1	9/2/2021 12:08:00 PM	62334
Surr: 4-Bromofluorobenzene	79.2	70-130		%Rec	1	9/2/2021 12:08:00 PM	62334

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		

Page 3 of 7

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

WO#: 2109003

07-Sep-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: MB-62363	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62363	RunNo: 80991								
Prep Date: 9/2/2021	Analysis Date: 9/2/2021	SeqNo: 2859489	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62363	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62363	RunNo: 80991								
Prep Date: 9/2/2021	Analysis Date: 9/2/2021	SeqNo: 2859490	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.9	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

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

WO#: 2109003

07-Sep-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: 2109003-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-1A 12'	Batch ID: 62342	RunNo: 81003								
Prep Date: 9/1/2021	Analysis Date: 9/2/2021	SeqNo: 2858850 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	9.8	48.97	0	86.3	39.3	155			
Surr: DNOP	4.2		4.897		85.6	70	130			

Sample ID: 2109003-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-1A 12'	Batch ID: 62342	RunNo: 81003								
Prep Date: 9/1/2021	Analysis Date: 9/2/2021	SeqNo: 2858851 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	10	49.90	0	83.6	39.3	155	1.24	23.4	
Surr: DNOP	4.5		4.990		90.9	70	130	0	0	

Sample ID: LCS-62342	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 62342	RunNo: 81003								
Prep Date: 9/1/2021	Analysis Date: 9/2/2021	SeqNo: 2858862 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.7	68.9	135			
Surr: DNOP	4.4		5.000		89.0	70	130			

Sample ID: MB-62342	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 62342	RunNo: 81003								
Prep Date: 9/1/2021	Analysis Date: 9/2/2021	SeqNo: 2858864 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	12		10.00		120	70	130			

Qualifiers:

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

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

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

WO#: 2109003

07-Sep-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: mb-62334	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 62334	RunNo: 81018								
Prep Date: 9/1/2021	Analysis Date: 9/2/2021	SeqNo: 2859373 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	920		1000		91.5	70	130			

Sample ID: lcs-62334	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 62334	RunNo: 81018								
Prep Date: 9/1/2021	Analysis Date: 9/2/2021	SeqNo: 2859374 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	106	78.6	131			
Surr: BFB	1000		1000		105	70	130			

Sample ID: 2109003-001ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-1A 12'	Batch ID: 62334	RunNo: 81018								
Prep Date: 9/1/2021	Analysis Date: 9/2/2021	SeqNo: 2859375 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	4.8	23.76	0	123	61.3	114			S
Surr: BFB	1000		950.6		109	70	130			

Sample ID: 2109003-001amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-1A 12'	Batch ID: 62334	RunNo: 81018								
Prep Date: 9/1/2021	Analysis Date: 9/2/2021	SeqNo: 2859376 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	33	5.0	24.95	0	132	61.3	114	11.9	20	S
Surr: BFB	1100		998.0		112	70	130	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical 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

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

WO#: 2109003

07-Sep-21

Client: Talon Artesia
Project: Atom Ant Fed Com 1

Sample ID: mb-62334	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 62334	RunNo: 81018								
Prep Date: 9/1/2021	Analysis Date: 9/2/2021	SeqNo: 2859417 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.82		1.000		81.9	70	130			

Sample ID: lcs-62334	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 62334	RunNo: 81018								
Prep Date: 9/1/2021	Analysis Date: 9/2/2021	SeqNo: 2859419 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.0	80	120			
Toluene	0.92	0.050	1.000	0	91.7	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.9	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.0	80	120			
Surr: 4-Bromofluorobenzene	0.83		1.000		83.4	70	130			

Sample ID: 2109003-002ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-2A 12'	Batch ID: 62334	RunNo: 81018								
Prep Date: 9/1/2021	Analysis Date: 9/2/2021	SeqNo: 2859421 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.024	0.9728	0	99.6	80	120			
Toluene	0.98	0.049	0.9728	0	101	80	120			
Ethylbenzene	1.0	0.049	0.9728	0	105	80	120			
Xylenes, Total	3.1	0.097	2.918	0	105	80	120			
Surr: 4-Bromofluorobenzene	0.79		0.9728		81.5	70	130			

Sample ID: 2109003-002amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-2A 12'	Batch ID: 62334	RunNo: 81018								
Prep Date: 9/1/2021	Analysis Date: 9/2/2021	SeqNo: 2859425 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9709	0	103	80	120	3.12	20	
Toluene	1.0	0.049	0.9709	0	106	80	120	3.93	20	
Ethylbenzene	1.1	0.049	0.9709	0	108	80	120	3.33	20	
Xylenes, Total	3.2	0.097	2.913	0	109	80	120	3.48	20	
Surr: 4-Bromofluorobenzene	0.77		0.9709		79.3	70	130	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical 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

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

Sample Log-In Check List

Client Name: Talon Artesia

Work Order Number: 2109003

RcptNo: 1

Received By: Cheyenne Cason

9/1/2021 7:30:00 AM

Completed By: Sean Livingston

9/1/2021 8:51:32 AM

Reviewed By:

JR 9/1/21

Cason

Sean Livingston

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: SPA 9.1.21

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	2.4	Good				

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2116933662
District RP	
Facility ID	
Application ID	

Closure

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

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature:  Date: 9/14/2021

Email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Robert Hamlet Date: 2/2/2022

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

Closure Approved by: Robert Hamlet Date: 2/2/2022

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

District I

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

District II

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

District III

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

District IV

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

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

CONDITIONS

Action 48822

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 48822
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2116933662 ATOM ANT FEDERAL COM #1, thank you. This closure is approved.	2/2/2022