

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

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Dinero Operating Company	OGRID 006224
Contact Name Mitzi Matthews	Contact Telephone 432-684-5544
Contact email mitzi@dineroinc.com	Incident # (assigned by OCD)
Contact mailing address P.O. Box 10505 Midland, TX 79702	

Location of Release Source

Latitude 32.2016411 Longitude -104.0723038
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Aminoil Federal #001	Site Type Gas
Date Release Discovered 3/16/2021	API# (if applicable) 30-015-24314

Unit Letter	Section	Township	Range	County
J	22	24S	28E	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) 159	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
Hole in tank.

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Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Hole in tank released 159 bbls of oil.
---	--

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
 Yes, called 575-748-1283 spoke to Laura Colt, instructed to email Mike Bratcher with NMOCD @ mike.bratcher@state.nm.us. Email sent March 16, 2021 at 11:22 AM

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 not been undertaken, explain why:

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

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

Printed Name: Charlie Williams Title: Production Superintendent
 Signature: Charli Williams Date: 3-24-21
 email: mitzi@dineroinc.com Telephone: 432-556-6809 or 432-684-5544

OCD Only
 Received by: _____ Date: _____

Incident ID	
District RP	
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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<50 _____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

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Oil Conservation Division

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

Printed Name: Charlie Williams Title: Production Superintendent

Signature: Charlie Williams Date: 3-24-21

email: mitzi@dineroinc.com Telephone: 432-556-6809 or
432-684-5544

OCD Only

Received by: _____ Date: _____

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State of New Mexico
Oil Conservation Division

Incident ID	NAPP2108354432
District RP	
Facility ID	30-015-24314
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: Charlie Williams Title: Production Superintendent
 Signature: *Charlie Williams* Date: 6/30/2021
 email: mitzi@dineroinc.com Telephone: 432-556-6809 or 432-684-5544

OCD Only

Received by: Robert Hamlet Date: 10/7/2021

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

Closure Approved by: *Robert Hamlet* Date: 10/7/2021
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

talonlpe.com • 866.742.0742



Remediation and Closure Report

Aminoil Federal #001
Eddy County, New Mexico
30-015-24314
Incident #Napp2108354432

Prepared For:

Dinero Operating Company
P.O. Box 10505
Midland, TX 79702

Prepared By:

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

July 15, 2021

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

Mr. Jim Amos
BLM
620 E. Greene St.
Carlsbad, NM 88220

Subject: **Remediation and Closure Report**
Aminoil Federal #001
Eddy County, NM
API 30-015-24314
Incident # Napp2108354432

Dear Mr. Bratcher and Mr. Amos,
Dinero Operating Company has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The incident description, soil sampling results, remedial actions and closure request are presented herein.

Site Information

The Aminoil Federal #001 is located approximately 18 miles southeast of Carlsbad, New Mexico. The legal location for this release is Unit Letter J, Section 22, Township 28 East and Range 28 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.2016411 North and -104.0723038 West. Site Plans are presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Russler loam, 1 to 3 percent slopes. The referenced soil data is presented in [Appendix II](#). Per the New Mexico Bureau of Geology and Mineral Resources, the local geology is made up of alluvial fans. Drainage courses in this area are typically well drained.

Ground Water and Site Characterization

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 40-feet below ground surface (bgs). See [Appendix II](#) for the referenced groundwater data. However, further research of the Bureau of Land Management Karst data indicates this site is not located within a high potential Karst area.

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

Approximate Depth to Groundwater 40 Feet/bgs

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

Because the release occurred on a reclaimed pad area, based on the site characterization data the clean-up criteria for this site is as follows.

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

Incident Description

During routine site operations for plug and abandonment of the site, historical staining under the tank and containment was discovered. The exact volume of release was unknown, but it is estimated that approximately 159 barrels (bbl) of crude and produced water were released over an unknown period of time. The C-141 ([Appendix III](#)) for this incident notification was submitted to the NMOCD on March 16, 2021, subsequently the NMOCD issued number **Napp2108354432** to this incident. The site map is presented in [Appendix I](#).

Site Assessment

On May 11, 2021, Talon mobilized personnel to the site and conducted the initial site assessment. The excavated area was mapped and photographed. Dinero Operating had taken proactive measures through site reclamation to remove any staining. Talon personnel retrieved soil samples from bottom and sidewalls in order to determine the vertical and horizontal extent of impact. All soil samples were properly packaged, preserved, and transported to Cardinal Laboratories via chain of custody for analysis of Total Chlorides (Method SM4500Cl-B), TPH (EPA Method 8015M/D), and BTEX (EPA Method 8021B). Sample locations are shown on the attached site plan and the results of our sampling event are presented in the following data table.

Table I
05/14/2021 Soil Sample Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-1	5/11/2021	7'	ND	ND	ND	103	ND	103	1060
S-2	5/11/2021	8'	ND	ND	14.4	909	ND	923.4	3760
S-3	5/11/2021	8'	0.504	ND	66.2	1850	87.6	2003.8	1640
S-4	5/11/2021	8'	2.16	ND	292	5350	356	5998	672
S-5	5/11/2021	8'	ND	ND	ND	630	ND	630	1570
S-6	5/11/2021	8'	ND	ND	21.3	1430	60.9	1512.2	1720
S-7	5/11/2021	8'	0.539	ND	53	1580	56.4	1689.4	832
N.SW	5/11/2021	8'	0.355	ND	65.9	1930	90.4	2086.3	1730
W.SW	5/11/2021	8'	0.37	ND	23.2	994	18.2	1035.4	2440
E.SW	5/11/2021	8'	0.419	ND	25.4	1230	57.7	1313.1	688
S.SW	5/11/2021	8'	1.32	ND	152	2630	119	2901	416

ND=Analyte Not Detected

SW=Sidewall

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

On June 27, 2021, based on the initial laboratory results from the site assessment, Talon personnel and equipment were mobilized to the site in order to commence remediation of the impacted area. Approximately 8' to 10' bgs. was excavated from the stained area. Excavation activities ensued to the extent practicable. A solid rock shelf was encountered at depths of approximately 10' bgs. A boring was advanced through the rock shelf and a soil sample retrieved in order to verify that vertical delineation had been achieved, and no further contamination beyond the shelf existed. All samples were properly retrieved, contained, and preserved for transport to Hall Laboratories in order to confirm analyte levels left in place. The confirmation results from the laboratory are tabled below.

Table II
06-28-21 Soil Sample Laboratory Results

Sample ID	Sample Date	Depth ft. (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	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	600 mg/kg
W-SW-1	6/7/2021	8'	ND	ND	38	3900	420	4358	250
W-SW-2	6/7/2021	8'	ND	ND	43	4700	680	5423	580
	6/11/2021	10'	ND	ND	ND	85	ND	85	180
S-SW-1	6/7/2021	8'	ND	ND	ND	150	ND	150	220
	6/11/2021	10'	ND	ND	ND	73	ND	73	170
S-SW-2	6/7/2021	8'	ND	ND	ND	ND	ND	ND	170
	6/11/2021	10'	ND	ND	ND	76	ND	76	170
N-SW-1	6/7/2021	8'	ND	ND	ND	ND	ND	ND	120
N-SW-1	6/11/2021	10'	ND	ND	ND	44	ND	44	170
N-SW-2	6/7/2021	8'	ND	ND	ND	ND	ND	ND	120
	6/11/2021	10'	ND	ND	ND	55	ND	55	170
E-SW	6/7/2021	8'	ND	ND	100	7800	1500	9400	230
	6/11/2021	10'	ND	ND	ND	66	ND	66	180
BH-1	6/12/2021	0-1'	ND	ND	ND	ND	ND	-	ND
S-1A	6/10/2021	10'	ND	ND	ND	160	ND	160	180
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110
S-2A	6/10/2021	10'	ND	ND	ND	140	ND	140	200
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110
S-3A	6/10/2021	10'	ND	ND	ND	190	ND	190	210
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110
S-4A	6/10/2021	10'	ND	ND	ND	190	ND	190	200
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110
S-5A	6/10/2021	10'	ND	ND	ND	180	ND	180	180
	6/30/2021	11'	ND	ND	ND	ND	ND	-	120
S-6A	6/10/2021	10'	ND	ND	ND	170	ND	170	180
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110
S-7A	6/10/2021	10'	ND	ND	ND	150	ND	150	180
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110
S-8	6/11/2021	10'	ND	ND	ND	180	ND	180	190
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110
S-9	6/11/2021	10'	ND	ND	ND	150	ND	150	200
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110
S-10	6/11/2021	10'	ND	ND	ND	150	ND	150	200
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110

Continued:									
S-11	6/11/2021	10'	ND	ND	ND	130	ND	130	180
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110
S-12	6/11/2021	10'	ND	ND	ND	110	ND	110	210
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110
S-13	6/11/2021	10'	ND	ND	ND	120	ND	120	180
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110
S-14	6/11/2021	10'	ND	ND	ND	120	ND	120	200
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110
S-15	6/11/2021	10'	ND	ND	ND	130	ND	130	210
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110
S-16	6/11/2021	10'	ND	ND	ND	110	ND	110	210
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110
S-17	6/11/2021	10'	ND	ND	ND	100	ND	100	210
	6/30/2021	11'	ND	ND	ND	ND	ND	-	110

ND-Analyte Not Detected

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

Remedial Actions

- The spill footprint was excavated to depths of 8' to 10' bgs., and to the extent that all surface staining as well hydrocarbon odor was removed. Laboratory analysis confirms that NMOCD remediation guidelines for soil characterization were achieved to the extent practicable and safe.
- The sidewall was advanced until confirmation laboratory results from the soil analyses were below the NMOCD and BLM remediation levels.
- A single borehole (BH) was advanced in the background in order to ascertain naturally occurring soil constituency levels, and confirm horizontal delineation of the spill footprint.
- The excavated area was backfilled and compacted with clean caliche to a depth of 4' bgs., then capped with topsoil.
- All infrastructure and debris have been removed from this site and it has been restored to its pre-production condition.
- The well has been plugged and abandoned in accordance with BLM and NMOCD guidelines. A well marker measuring 4' in height has been situated at the location of the former wellhead.
- The reclaimed pad area was seeded with the appropriate BLM seed mixture ([Appendix V](#)).
- All contaminated soil was transported to Lea Land, LLC, an NMOCD approved disposal facility.

Closure

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

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

Respectfully submitted,

TALON/LPE

Rebecca Pons
Senior Environmental Project Manager

Attachments:

- Appendix I Site Plans, Karst Map, TOPO Map
- Appendix II Groundwater Data, Soil Survey
- Appendix III Initial and Final C-141
- Appendix IV Photographic Documentation
- Appendix V Seed Tag
- Appendix VI Laboratory Analytical Data



APPENDIX I

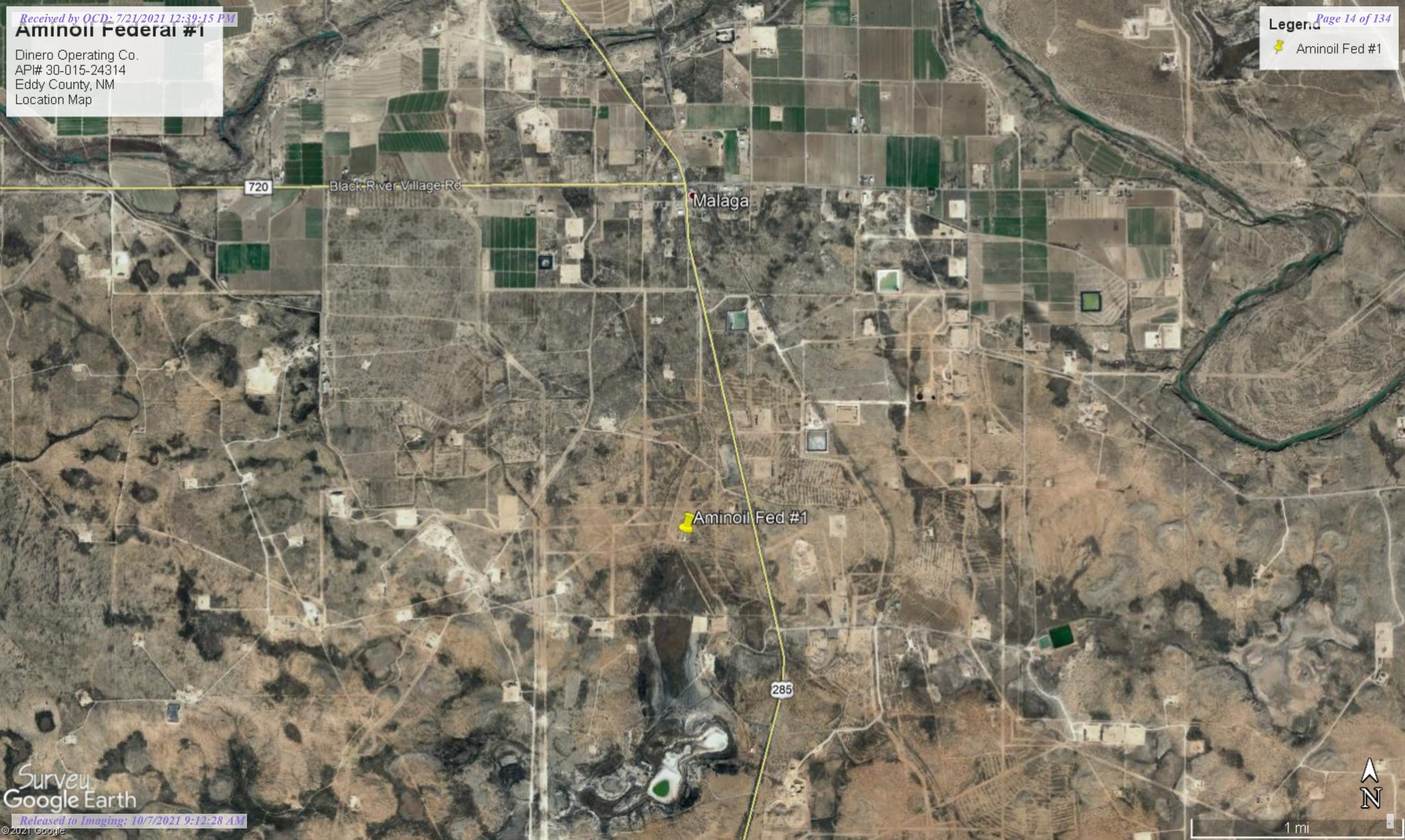
SITE PLANS

Aminoil Federal #1

Dinero Operating Co.
API# 30-015-24314
Eddy County, NM
Location Map

Legend

-  Aminoil Fed #1



720

Black River Village Rd

Malaga

Aminoil Fed #1

285

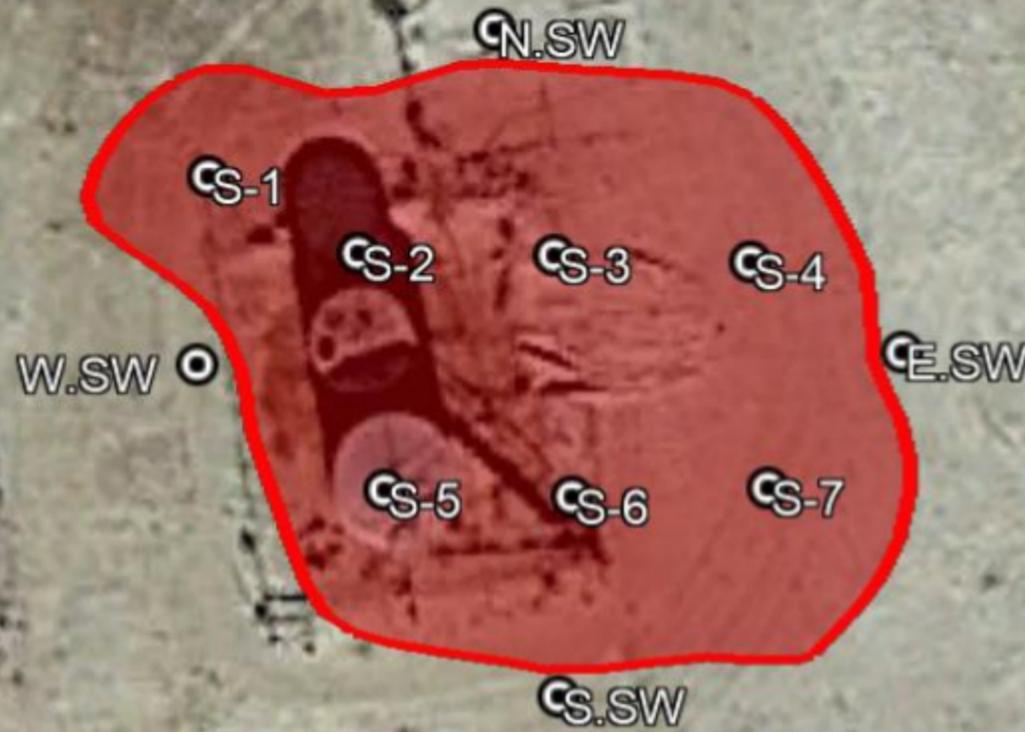


Aminoil Federal #1

Dinero Operating Co.
API# 30-015-24314
Eddy County, NM
Initial Sample Map

Legend

 Aminoil Fed #1



Aminoil Fed #1

Dinero Operating Co.
API #30-015-24314
Eddy County, NM
Confirmation Sample Map

Legend

- Excavation
- Sample Position

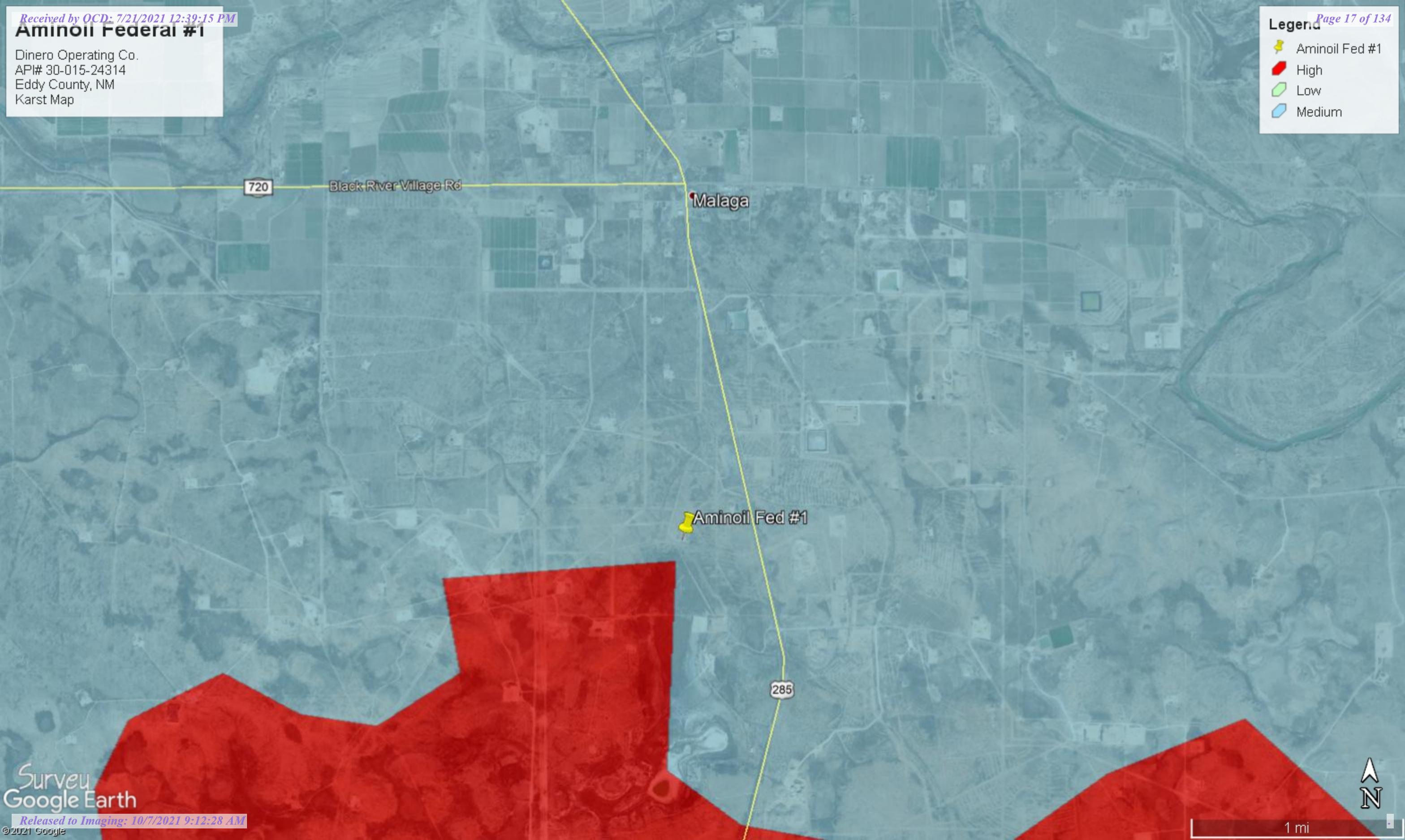


Aminoil Federal #1

Dinero Operating Co.
API# 30-015-24314
Eddy County, NM
Karst Map

Legend

-  Aminoil Fed #1
-  High
-  Low
-  Medium





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 Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<u>C 04222</u>	POD2	CUB	ED	1	2	4	22	24S	28E	587707	3563255	316	100	40	60
<u>C 03986</u>	POD1	CUB	ED	3	4	2	22	24S	28E	587505	3563502	400	170	120	50
<u>C 04294</u>	POD1	CUB	ED	4	3	3	23	24S	28E	588169	3562646	876	60		
<u>C 04263</u>	POD1	CUB	ED	3	1	1	23	24S	28E	588026	3563915	1003	390	370	20
<u>C 04181</u>	POD2	C	ED	3	2	1	26	24S	28E	588393	3562212	1320	80	56	24
<u>C 03358</u>	POD1	CUB	ED	1	4	1	26	24S	28E	588416	3562116	1404	135		
<u>C 04181</u>	POD1	CUB	ED	3	2	1	26	24S	28E	588450	3562146	1407	280	56	224
<u>C 04151</u>	POD1	CUB	ED	4	2	1	26	24S	28E	588584	3562192	1478	280	65	215
<u>C 03833</u>	POD1	C	ED	2	1	2	26	24S	28E	589014	3562545	1686	96	55	41
<u>C 04180</u>	POD1	CUB	ED	2	1	2	26	24S	28E	589055	3562502	1739	160	58	102
<u>C 03132</u>		C	ED	1	2	4	15	24S	28E	587616	3564877*	1776	90	19	71
<u>C 03423</u>		CUB	ED	2	4	1	26	24S	28E	588786	3561952	1787	126		
<u>C 04222</u>	POD1	CUB	ED	1	3	3	27	24S	28E	586406	3561228	2140	140	35	105
<u>C 02057</u>		C	ED		1	4	14	24S	28E	588956	3564774*	2260	126	52	74
<u>C 04025</u>	POD1	CUB	ED	4	3	3	27	24S	28E	586700	3560964	2265	190	90	100
<u>C 03988</u>	POD1	CUB	ED	4	4	4	28	24S	28E	586303	3561087	2313	110	95	15
<u>C 04383</u>	POD1	CUB	ED	4	1	2	15	24S	28E	587389	3565499	2388	34	19	15
<u>C 00346</u>		C	ED		2	2	15	24S	28E	587715	3565591*	2497	90	32	58
<u>C 04382</u>	POD1	CUB	ED	2	1	2	15	24S	28E	587401	3565647	2536	48	35	13
<u>C 00488</u>		C	ED	2	1	2	15	24S	28E	587412	3565688*	2577	64	8	56
<u>C 02524</u>	POD2	C	ED	2	2	2	15	24S	28E	587814	3565690*	2608	90	11	79
<u>C 03989</u>	POD1	CUB	ED	4	2	2	33	24S	28E	586342	3560573	2758	100	70	30
<u>C 00890</u>		CUB	ED	3	3	4	10	24S	28E	587211	3565897*	2794	50		
<u>C 02836</u>		C	ED	2	2	2	16	24S	28E	586203	3565676*	2841		15	
<u>C 04026</u>	POD1	CUB	ED	3	2	1	25	24S	28E	590148	3562290	2843	190	90	100
<u>C 00709</u>		C	ED	3	3	3	16	24S	28E	584802	3564232*	2852			
<u>C 00513</u>	S	CUB	ED	1	3	3	16	24S	28E	584801	3564431	2937	161	42	119
<u>C 00513</u>		CUB	ED	2	2	2	20	24S	28E	584605	3564020	2962	212	48	164
<u>C 03824</u>	POD1	CUB	ED	4	1	2	16	24S	28E	585770	3565578	2971	290	60	230

Average Depth to Water: **64 feet**
 Minimum Depth: **8 feet**
 Maximum Depth: **370 feet**

Count:

Basin/County Search:

County: Eddy

UTMNAD83 Radius Search (in meters):

Easting (X): 587425.21

Northing (Y): 3563110.83

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.

5/11/21 2:30 PM

WATER COLUMN/ AVERAGE DEPTH TO
WATER

Map Unit Description: Russler loam, 1 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

Rv—Russler loam, 1 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5t

Elevation: 1,250 to 5,300 feet

Mean annual precipitation: 10 to 25 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 200 to 235 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Russler and similar soils: 97 percent

Minor components: 3 percent

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

Description of Russler

Setting

Landform: Alluvial fans, plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear, convex

Across-slope shape: Linear

Parent material: Alluvium

Typical profile

H1 - 0 to 11 inches: loam

H2 - 11 to 45 inches: clay loam

H3 - 45 to 60 inches: gypsiferous material

Properties and qualities

Slope: 1 to 3 percent

Depth to restrictive feature: 20 to 47 inches to paralithic bedrock

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Gypsum, maximum content: 40 percent

Maximum salinity: Moderately saline to strongly saline (8.0 to 16.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water capacity: Low (about 4.4 inches)

Interpretive groups

Land capability classification (irrigated): 3e

Land capability classification (nonirrigated): 7e

Map Unit Description: Russler loam, 1 to 3 percent slopes---Eddy Area, New Mexico

Hydrologic Soil Group: C
Ecological site: R042XC007NM - Loamy
Hydric soil rating: No

Minor Components

Reagan

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

Cottonwood

Percent of map unit: 1 percent
Ecological site: R042XC006NM - Gyp Upland
Hydric soil rating: No

Reeves

Percent of map unit: 1 percent
Ecological site: R042XC007NM - Loamy
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	NAPP2108354432
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Dinero Operating Company	OGRID 006224
Contact Name Mitzi Matthews	Contact Telephone 432-684-5544
Contact email mitzi@dineroinc.com	Incident # (assigned by OCD)
Contact mailing address P.O. Box 10505 Midland, TX 79702	

Location of Release Source

Latitude 32.2016411 Longitude -104.0723038
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Aminoil Federal #001	Site Type Gas
Date Release Discovered 3/16/2021	API# (if applicable) 30-015-24314

Unit Letter	Section	Township	Range	County
J	22	24S	28E	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) 159	Volume Recovered (bbls) 0
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) j	Volume Recovered (bbls) 0
	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 Hole in tank.		

Form C-141

State of New Mexico
Oil Conservation Division

Page 2

Incident ID	NAPP2108354432
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Hole in tank released 159 bbls of oil.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, called 575-748-1283 spoke to Laura Colt, instructed to email Mike Bratcher with NMOCD @ mike.bratcher@state.nm.us. Email sent March 16, 2021 at 11:22 AM	

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>Charlie Williams</u> Title: <u>Production Superintendent</u> Signature: <u>Charlie Williams</u> Date: <u>3-24-21</u> email: <u>mitzi@dineroinc.com</u> Telephone: <u>432-556-6809 or 432-684-5544</u>
OCD Only Received by: <u>Ramona Marcus</u> Date: <u>4/19/2021</u>

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	NAPP2108354432
District RP	
Facility ID	30-015-24314
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: Charlie Williams Title: Production Superintendent

Signature: *Charlie Williams* Date: 6/30/2021

email: mitzi@dineroinc.com Telephone: 432-556-6809 or 432-684-5544

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

Dinero Operating Company Aminoil Federal #001

PHOTO DOCUMENTATION



Impacted Area



Impacted area near tank



Application of Micro-blaze sidewalls



Micro-blaze on bottom of excavation



Excavation to 10' bgs. looking south



Excavation looking west

Dinero Operating Company Aminoil Federal #001

Completion Photos



Backfilled to grade



Reclaimed pad area



Terraced and seeded to surrounding



APPENDIX V

Seed Tag

Handwritten signature

Diverd

701750.003.01

Curtis and Curtis Seed

SOW GENEROUSLY

BLM 1 Blend
Lot #: 2155

Bag Wt: 10.46

Item	% Mix	Origin	Purity	Germ	Dormant	Total Germ:	Test Date
Sideoats Grama, El Reno	66.31%	Texas	97.96%	21.00%	72.00%	93.00%	5/2021
Plains Bristlegrass, Variety Not Stated	19.93%	Oklahoma	98.89%	7.00%	85.00%	92.00%	5/2021
Sand Dropseed, Variety Not Stated	9.86%	Kansas	97.43%	9.00%	81.00%	90.00%	5/2021
BLM#1 Seed Mix	0.00%		98.09%	24.95%	57.90%	82.85%	4/2021
Seed Total	98.10%						
Inert Matter:	1.91%						
Weed Seed:	0.00%						
Other Crop:	0.00%						

Noxious Weed: None
Texas Permit: 2772
There is one bag for this mix. Use this bag for 1 acre.

curtisseed.com 4500 North Prince, Clovis, NM 88101 (575) 762-4759



APPENDIX VI

Laboratory Data



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

May 14, 2021

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: AMINOIL FED #1

Enclosed are the results of analyses for samples received by the laboratory on 05/12/21 11:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/12/2021	Sampling Date:	05/11/2021
Reported:	05/14/2021	Sampling Type:	Soil
Project Name:	AMINOIL FED #1	Sampling Condition:	Cool & Intact
Project Number:	701750.003.01	Sample Received By:	Yvonne Muniz
Project Location:	DINERO - EDDY CO., NM		

Sample ID: S - 1 7' (H211226-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59		
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73		
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59		
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47		
Total BTEX	<0.300	0.300	05/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1060	16.0	05/14/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	213	107	200	8.52		
DRO >C10-C28*	103	10.0	05/13/2021	ND	208	104	200	11.2		
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND						

Surrogate: 1-Chlorooctane 99.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/12/2021	Sampling Date:	05/11/2021
Reported:	05/14/2021	Sampling Type:	Soil
Project Name:	AMINOIL FED #1	Sampling Condition:	Cool & Intact
Project Number:	701750.003.01	Sample Received By:	Yvonne Muniz
Project Location:	DINERO - EDDY CO., NM		

Sample ID: S - 2 8' (H211226-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59	
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73	
Ethylbenzene*	0.145	0.050	05/13/2021	ND	2.15	108	2.00	2.59	GC-NC1
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47	
Total BTEX	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 129 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	05/14/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14.4	10.0	05/13/2021	ND	213	107	200	8.52	
DRO >C10-C28*	909	10.0	05/13/2021	ND	208	104	200	11.2	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 122 % 44.3-133

Surrogate: 1-Chlorooctadecane 129 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/12/2021	Sampling Date:	05/11/2021
Reported:	05/14/2021	Sampling Type:	Soil
Project Name:	AMINOIL FED #1	Sampling Condition:	Cool & Intact
Project Number:	701750.003.01	Sample Received By:	Yvonne Muniz
Project Location:	DINERO - EDDY CO., NM		

Sample ID: S - 3 8' (H211226-03)

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	2.01	100	2.00	3.30	
Toluene*	<0.050	0.050	05/13/2021	ND	2.12	106	2.00	1.57	
Ethylbenzene*	0.112	0.050	05/13/2021	ND	2.17	109	2.00	0.363	GC-NC1
Total Xylenes*	0.392	0.150	05/13/2021	ND	6.29	105	6.00	1.17	
Total BTEX	0.504	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 152 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1640	16.0	05/14/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	66.2	10.0	05/13/2021	ND	213	107	200	8.52	
DRO >C10-C28*	1850	10.0	05/13/2021	ND	208	104	200	11.2	
EXT DRO >C28-C36	87.6	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 163 % 44.3-133

Surrogate: 1-Chlorooctadecane 149 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/12/2021	Sampling Date:	05/11/2021
Reported:	05/14/2021	Sampling Type:	Soil
Project Name:	AMINOIL FED #1	Sampling Condition:	Cool & Intact
Project Number:	701750.003.01	Sample Received By:	Yvonne Muniz
Project Location:	DINERO - EDDY CO., NM		

Sample ID: S - 4 8' (H211226-04)

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	2.01	100	2.00	3.30	
Toluene*	0.063	0.050	05/13/2021	ND	2.12	106	2.00	1.57	
Ethylbenzene*	0.411	0.050	05/13/2021	ND	2.17	109	2.00	0.363	GC-NC1
Total Xylenes*	1.68	0.150	05/13/2021	ND	6.29	105	6.00	1.17	
Total BTEX	2.16	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 192 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	05/14/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	292	10.0	05/13/2021	ND	213	107	200	8.52	
DRO >C10-C28*	5350	10.0	05/13/2021	ND	208	104	200	11.2	
EXT DRO >C28-C36	356	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 310 % 44.3-133

Surrogate: 1-Chlorooctadecane 225 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/12/2021	Sampling Date:	05/11/2021
Reported:	05/14/2021	Sampling Type:	Soil
Project Name:	AMINOIL FED #1	Sampling Condition:	Cool & Intact
Project Number:	701750.003.01	Sample Received By:	Yvonne Muniz
Project Location:	DINERO - EDDY CO., NM		

Sample ID: S - 5 8' (H211226-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	2.01	100	2.00	3.30	
Toluene*	<0.050	0.050	05/13/2021	ND	2.12	106	2.00	1.57	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.17	109	2.00	0.363	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.29	105	6.00	1.17	
Total BTEX	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	05/14/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	220	110	200	5.16	
DRO >C10-C28*	630	10.0	05/13/2021	ND	229	115	200	2.32	QM-07
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 95.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/12/2021	Sampling Date:	05/11/2021
Reported:	05/14/2021	Sampling Type:	Soil
Project Name:	AMINOIL FED #1	Sampling Condition:	Cool & Intact
Project Number:	701750.003.01	Sample Received By:	Yvonne Muniz
Project Location:	DINERO - EDDY CO., NM		

Sample ID: S - 6 8' (H211226-06)

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	2.01	100	2.00	3.30	
Toluene*	<0.050	0.050	05/13/2021	ND	2.12	106	2.00	1.57	
Ethylbenzene*	0.118	0.050	05/13/2021	ND	2.17	109	2.00	0.363	GC-NC1
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.29	105	6.00	1.17	
Total BTEX	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 146 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	05/14/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	21.3	10.0	05/13/2021	ND	220	110	200	5.16	
DRO >C10-C28*	1430	10.0	05/13/2021	ND	229	115	200	2.32	
EXT DRO >C28-C36	60.9	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 116 % 44.3-133

Surrogate: 1-Chlorooctadecane 133 % 38.9-142

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Analytical Results For:

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

Received:	05/12/2021	Sampling Date:	05/11/2021
Reported:	05/14/2021	Sampling Type:	Soil
Project Name:	AMINOIL FED #1	Sampling Condition:	Cool & Intact
Project Number:	701750.003.01	Sample Received By:	Yvonne Muniz
Project Location:	DINERO - EDDY CO., NM		

Sample ID: S - 7 8' (H211226-07)

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	2.01	100	2.00	3.30	
Toluene*	<0.050	0.050	05/13/2021	ND	2.12	106	2.00	1.57	
Ethylbenzene*	0.178	0.050	05/13/2021	ND	2.17	109	2.00	0.363	GC-NC1
Total Xylenes*	0.361	0.150	05/13/2021	ND	6.29	105	6.00	1.17	
Total BTEX	0.539	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 154 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	05/14/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	53.0	10.0	05/13/2021	ND	220	110	200	5.16	
DRO >C10-C28*	1580	10.0	05/13/2021	ND	229	115	200	2.32	
EXT DRO >C28-C36	56.4	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 140 % 44.3-133

Surrogate: 1-Chlorooctadecane 135 % 38.9-142

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Analytical Results For:

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

Received:	05/12/2021	Sampling Date:	05/11/2021
Reported:	05/14/2021	Sampling Type:	Soil
Project Name:	AMINOIL FED #1	Sampling Condition:	Cool & Intact
Project Number:	701750.003.01	Sample Received By:	Yvonne Muniz
Project Location:	DINERO - EDDY CO., NM		

Sample ID: N. SW 8' (H211226-08)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	2.01	100	2.00	3.30	
Toluene*	<0.050	0.050	05/13/2021	ND	2.12	106	2.00	1.57	
Ethylbenzene*	0.105	0.050	05/13/2021	ND	2.17	109	2.00	0.363	GC-NC1
Total Xylenes*	0.250	0.150	05/13/2021	ND	6.29	105	6.00	1.17	
Total BTEX	0.355	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 139 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1730	16.0	05/14/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	65.9	10.0	05/13/2021	ND	220	110	200	5.16		
DRO >C10-C28*	1930	10.0	05/13/2021	ND	229	115	200	2.32		
EXT DRO >C28-C36	90.4	10.0	05/13/2021	ND						

Surrogate: 1-Chlorooctane 160 % 44.3-133

Surrogate: 1-Chlorooctadecane 147 % 38.9-142

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Analytical Results For:

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

Received:	05/12/2021	Sampling Date:	05/11/2021
Reported:	05/14/2021	Sampling Type:	Soil
Project Name:	AMINOIL FED #1	Sampling Condition:	Cool & Intact
Project Number:	701750.003.01	Sample Received By:	Yvonne Muniz
Project Location:	DINERO - EDDY CO., NM		

Sample ID: W. SW 8' (H211226-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	2.01	100	2.00	3.30	
Toluene*	<0.050	0.050	05/13/2021	ND	2.12	106	2.00	1.57	
Ethylbenzene*	0.092	0.050	05/13/2021	ND	2.17	109	2.00	0.363	GC-NC1
Total Xylenes*	0.278	0.150	05/13/2021	ND	6.29	105	6.00	1.17	
Total BTEX	0.370	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 138 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	05/14/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	23.2	10.0	05/13/2021	ND	220	110	200	5.16	
DRO >C10-C28*	994	10.0	05/13/2021	ND	229	115	200	2.32	
EXT DRO >C28-C36	18.2	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 88.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.6 % 38.9-142

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Analytical Results For:

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

Received:	05/12/2021	Sampling Date:	05/11/2021
Reported:	05/14/2021	Sampling Type:	Soil
Project Name:	AMINOIL FED #1	Sampling Condition:	Cool & Intact
Project Number:	701750.003.01	Sample Received By:	Yvonne Muniz
Project Location:	DINERO - EDDY CO., NM		

Sample ID: E. SW 8' (H211226-10)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	2.01	100	2.00	3.30	
Toluene*	<0.050	0.050	05/13/2021	ND	2.12	106	2.00	1.57	
Ethylbenzene*	0.088	0.050	05/13/2021	ND	2.17	109	2.00	0.363	GC-NC1
Total Xylenes*	0.331	0.150	05/13/2021	ND	6.29	105	6.00	1.17	
Total BTEX	0.419	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 132 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	05/14/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	25.4	10.0	05/13/2021	ND	220	110	200	5.16	
DRO >C10-C28*	1230	10.0	05/13/2021	ND	229	115	200	2.32	
EXT DRO >C28-C36	57.7	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 119 % 44.3-133

Surrogate: 1-Chlorooctadecane 124 % 38.9-142

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Analytical Results For:

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

Received:	05/12/2021	Sampling Date:	05/11/2021
Reported:	05/14/2021	Sampling Type:	Soil
Project Name:	AMINOIL FED #1	Sampling Condition:	Cool & Intact
Project Number:	701750.003.01	Sample Received By:	Yvonne Muniz
Project Location:	DINERO - EDDY CO., NM		

Sample ID: S. SW 8' (H211226-11)

BTEX 8021B		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2021	ND	2.01	100	2.00	3.30		
Toluene*	<0.050	0.050	05/13/2021	ND	2.12	106	2.00	1.57		
Ethylbenzene*	0.281	0.050	05/13/2021	ND	2.17	109	2.00	0.363	GC-NC1	
Total Xylenes*	1.04	0.150	05/13/2021	ND	6.29	105	6.00	1.17		
Total BTEX	1.32	0.300	05/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 206 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	05/14/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	152	10.0	05/13/2021	ND	220	110	200	5.16		
DRO >C10-C28*	2630	10.0	05/13/2021	ND	229	115	200	2.32		
EXT DRO >C28-C36	119	10.0	05/13/2021	ND						

Surrogate: 1-Chlorooctane 231 % 44.3-133

Surrogate: 1-Chlorooctadecane 164 % 38.9-142

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Talon LPE
 Project Manager: R. PONS
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip: 88210
 Phone #: 575.746.8768 Fax #: Project Owner: Dinero
 Project #: 701750.003.01
 Project Name: Aminoil Fed #1
 Project Location: Eddy County, NM
 Sampler Name: M. Collier
 P.O. #: 701750.003.01
 Company: Talon LPE
 Attn: R. PONS
 Address:
 City:
 State: Zip:
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST								
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :											
H211326	1 S-1 7'	2			✓				5-11-21	11:30	✓ BTEX								
	2 S-2 8'	1								11:33	✓	TPH							
	3 S-3 8'									11:36									
	4 S-4 8'									11:39									
	5 S-5 8'									11:42									
	6 S-6 8'									11:45									
	7 S-7 8'									11:48									
	8 N.S.W 8'									11:51									
	9 W.S.W 8'									11:54									
	10 E.S.W 8'									11:57									

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

Relinquished By: M. Collier Date: 5-12-21
 Time: 11:15
 Received By: Yvonne Muzik

Relinquished By: M. Collier Date: 5-12-21
 Time: 11:15
 Received By: Yvonne Muzik

Delivered By: (Circle One) UPS - UPS - Bus - Other: S. 8c #113
 Sample Condition: Intact Cool Yes No
 CHECKED BY: (Initials) Yvonne

Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:

REMARKS: 3- DRY TURN AROUND

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Talon LPE
 Project Manager: R. Pons
 Address: 408 W. Texas Ave
 City: Artesia State: NM zip: 88210
 Phone #: 575.746.8768 Fax #: Project owner: Dinero
 Project #: 701750.003.01
 Project Name: Aminoil Fed #1
 Project Location: Eddy County, NM
 Sampler Name: M. Collier
 P.O. #: 701750.003.01
 Company: Talon
 Attn: R. Pons
 Address:
 City:
 State: Zip:
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:				ICE / COOL	OTHER :
H21226	11 S.S.W 8'	C	1			V					V		5-11-21	12:00	<input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> TPH <input checked="" type="checkbox"/> CHLORIDES

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

Relinquished By: *M. Collier*
 Date: 8-12-21
 Time: 11:15
 Received By: *Yvonne Mueniz*
 Date: _____
 Time: _____

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: *S.8 e #113*
 Sample Condition: Intact Cool Yes No
 CHECKED BY: *ym*

REMARKS: *3-DAY TURN AROUND*
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:

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



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

July 09, 2021

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

RE: Aminoil Fed 1

OrderNo.: 2107001

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 1 sample(s) on 7/1/2021 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 in a cursive style.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2107001

Date Reported: 7/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BH-1

Project: Aminoil Fed 1

Collection Date: 6/12/2021 12:10:00 PM

Lab ID: 2107001-001

Matrix: MEOH (SOIL) Received Date: 7/1/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	7/1/2021 9:05:10 AM	61073
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.7	H	mg/Kg	1	7/1/2021 9:37:24 AM	61069
Motor Oil Range Organics (MRO)	ND	43	H	mg/Kg	1	7/1/2021 9:37:24 AM	61069
Surr: DNOP	114	70-130	H	%Rec	1	7/1/2021 9:37:24 AM	61069
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.0	H	mg/Kg	1	7/1/2021 9:11:03 AM	G79512
Surr: BFB	96.5	70-130	H	%Rec	1	7/1/2021 9:11:03 AM	G79512
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.015	H	mg/Kg	1	7/1/2021 9:11:03 AM	B79512
Toluene	ND	0.030	H	mg/Kg	1	7/1/2021 9:11:03 AM	B79512
Ethylbenzene	ND	0.030	H	mg/Kg	1	7/1/2021 9:11:03 AM	B79512
Xylenes, Total	ND	0.060	H	mg/Kg	1	7/1/2021 9:11:03 AM	B79512
Surr: 4-Bromofluorobenzene	97.7	70-130	H	%Rec	1	7/1/2021 9:11:03 AM	B79512

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 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107001

09-Jul-21

Client: Talon Artesia
Project: Aminoil Fed 1

Sample ID: MB-61073	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 61073	RunNo: 79497								
Prep Date: 7/1/2021	Analysis Date: 7/1/2021	SeqNo: 2796208	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-61073	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 61073	RunNo: 79497								
Prep Date: 7/1/2021	Analysis Date: 7/1/2021	SeqNo: 2796209	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.9	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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107001

09-Jul-21

Client: Talon Artesia
Project: Aminoil Fed 1

Sample ID: 2107001-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BH-1	Batch ID: 61069	RunNo: 79506								
Prep Date: 7/1/2021	Analysis Date: 7/1/2021	SeqNo: 2795286	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	8.4	41.95	5.070	95.2	15	184			H
Surr: DNOP	4.7		4.195		111	70	130			H

Sample ID: 2107001-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BH-1	Batch ID: 61069	RunNo: 79506								
Prep Date: 7/1/2021	Analysis Date: 7/1/2021	SeqNo: 2795287	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	9.3	46.43	5.070	81.3	15	184	5.01	23.9	H
Surr: DNOP	4.5		4.643		97.7	70	130	0	0	H

Sample ID: LCS-61069	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 61069	RunNo: 79506								
Prep Date: 7/1/2021	Analysis Date: 7/1/2021	SeqNo: 2795289	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	101	68.9	141			
Surr: DNOP	5.2		5.000		104	70	130			

Sample ID: MB-61069	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 61069	RunNo: 79506								
Prep Date: 7/1/2021	Analysis Date: 7/1/2021	SeqNo: 2795291	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			

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#: 2107001

09-Jul-21

Client: Talon Artesia
Project: Aminoil Fed 1

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: G79512	RunNo: 79512								
Prep Date:	Analysis Date: 7/1/2021	SeqNo: 2796109			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		95.7	70	130			

Sample ID: 2.5ug gro lcs	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: G79512	RunNo: 79512								
Prep Date:	Analysis Date: 7/1/2021	SeqNo: 2796110			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	95.4	78.6	131			
Surr: BFB	1100		1000		115	70	130			

Sample ID: 2107001-001ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: BH-1	Batch ID: G79512	RunNo: 79512								
Prep Date:	Analysis Date: 7/1/2021	SeqNo: 2796118			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	15	3.0	15.10	0	97.6	61.3	114			H
Surr: BFB	700		603.9		117	70	130			H

Sample ID: 2107001-001amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: BH-1	Batch ID: G79512	RunNo: 79512								
Prep Date:	Analysis Date: 7/1/2021	SeqNo: 2796119			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	15	3.0	15.10	0	96.3	61.3	114	1.36	20	H
Surr: BFB	710		603.9		118	70	130	0	0	H

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#: 2107001

09-Jul-21

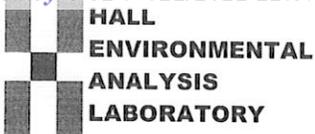
Client: Talon Artesia
Project: Aminoil Fed 1

Sample ID: mb	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: B79512		RunNo: 79512							
Prep Date:	Analysis Date: 7/1/2021		SeqNo: 2796149		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	0.96		1.000		95.6	70	130			

Sample ID: 100ng btex lcs	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: B79512		RunNo: 79512							
Prep Date:	Analysis Date: 7/1/2021		SeqNo: 2796150		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	97.4	80	120			
Toluene	1.0	0.050	1.000	0	99.5	80	120			
Ethylbenzene	0.99	0.050	1.000	0	99.4	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.1	80	120			
Surr: 4-Bromofluorobenzene	0.98		1.000		97.6	70	130			

Qualifiers:

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



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: 2107001 RcptNo: 1

Received By: Juan Rojas 7/1/2021 7:30:00 AM
Completed By: Cheyenne Cason 7/1/2021 7:43:19 AM
Reviewed By: JRC 7/1/21

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

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

of preserved bottles checked for pH:
(<2 or >12 unless noted)
Adjusted?
Checked by: [Signature] 7/1/21

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: [] Date: []
By Whom: [] Via: [] eMail [] Phone [] Fax [] In Person []
Regarding: []
Client Instructions: []

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 5.0, Good, [], [], []



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

June 16, 2021

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

RE: Aminoil Fed 1 Den

OrderNo.: 2106356

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 7 sample(s) on 6/8/2021 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 in a cursive style.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2106356**

Date Reported: **6/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: W-SW-1 8'

Project: Aminoil Fed 1 Den

Collection Date: 6/7/2021 1:00:00 PM

Lab ID: 2106356-001

Matrix: SOIL

Received Date: 6/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	250	61		mg/Kg	20	6/10/2021 10:33:15 PM	60561
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	3900	49		mg/Kg	5	6/12/2021 6:30:29 AM	60491
Motor Oil Range Organics (MRO)	420	250		mg/Kg	5	6/12/2021 6:30:29 AM	60491
Surr: DNOP	138	70-130	S	%Rec	5	6/12/2021 6:30:29 AM	60491
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	38	5.0		mg/Kg	1	6/9/2021 6:00:36 PM	60487
Surr: BFB	341	70-130	S	%Rec	1	6/9/2021 6:00:36 PM	60487
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/9/2021 6:00:36 PM	60487
Toluene	ND	0.050		mg/Kg	1	6/9/2021 6:00:36 PM	60487
Ethylbenzene	ND	0.050		mg/Kg	1	6/9/2021 6:00:36 PM	60487
Xylenes, Total	ND	0.099		mg/Kg	1	6/9/2021 6:00:36 PM	60487
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	6/9/2021 6:00:36 PM	60487

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 **2106356**

Date Reported: **6/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: W-SW-2 8'

Project: Aminoil Fed 1 Den

Collection Date: 6/7/2021 1:05:00 PM

Lab ID: 2106356-002

Matrix: SOIL

Received Date: 6/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	580	60		mg/Kg	20	6/10/2021 10:45:40 PM	60561
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	4700	48		mg/Kg	5	6/12/2021 6:54:08 AM	60491
Motor Oil Range Organics (MRO)	680	240		mg/Kg	5	6/12/2021 6:54:08 AM	60491
Surr: DNOP	154	70-130	S	%Rec	5	6/12/2021 6:54:08 AM	60491
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	43	5.0		mg/Kg	1	6/9/2021 7:11:20 PM	60487
Surr: BFB	387	70-130	S	%Rec	1	6/9/2021 7:11:20 PM	60487
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/9/2021 7:11:20 PM	60487
Toluene	ND	0.050		mg/Kg	1	6/9/2021 7:11:20 PM	60487
Ethylbenzene	ND	0.050		mg/Kg	1	6/9/2021 7:11:20 PM	60487
Xylenes, Total	0.10	0.099		mg/Kg	1	6/9/2021 7:11:20 PM	60487
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	6/9/2021 7:11:20 PM	60487

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 **2106356**

Date Reported: **6/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-SW-1 8'

Project: Aminoil Fed 1 Den

Collection Date: 6/7/2021 1:15:00 PM

Lab ID: 2106356-003

Matrix: SOIL

Received Date: 6/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	220	60		mg/Kg	20	6/11/2021 8:42:43 AM	60573
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	150	9.5		mg/Kg	1	6/11/2021 6:24:58 PM	60491
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/11/2021 6:24:58 PM	60491
Surr: DNOP	105	70-130		%Rec	1	6/11/2021 6:24:58 PM	60491
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/9/2021 8:21:46 PM	60487
Surr: BFB	106	70-130		%Rec	1	6/9/2021 8:21:46 PM	60487
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/9/2021 8:21:46 PM	60487
Toluene	ND	0.049		mg/Kg	1	6/9/2021 8:21:46 PM	60487
Ethylbenzene	ND	0.049		mg/Kg	1	6/9/2021 8:21:46 PM	60487
Xylenes, Total	ND	0.097		mg/Kg	1	6/9/2021 8:21:46 PM	60487
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/9/2021 8:21:46 PM	60487

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 **2106356**

Date Reported: **6/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-SW-2 8'

Project: Aminoil Fed 1 Den

Collection Date: 6/7/2021 1:20:00 PM

Lab ID: 2106356-004

Matrix: SOIL

Received Date: 6/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	170	60		mg/Kg	20	6/11/2021 8:55:08 AM	60573
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/11/2021 6:49:11 PM	60491
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/11/2021 6:49:11 PM	60491
Surr: DNOP	117	70-130		%Rec	1	6/11/2021 6:49:11 PM	60491
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/9/2021 10:42:33 PM	60487
Surr: BFB	107	70-130		%Rec	1	6/9/2021 10:42:33 PM	60487
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/9/2021 10:42:33 PM	60487
Toluene	ND	0.049		mg/Kg	1	6/9/2021 10:42:33 PM	60487
Ethylbenzene	ND	0.049		mg/Kg	1	6/9/2021 10:42:33 PM	60487
Xylenes, Total	ND	0.098		mg/Kg	1	6/9/2021 10:42:33 PM	60487
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/9/2021 10:42:33 PM	60487

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 **2106356**

Date Reported: **6/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: N-SW-1 8'

Project: Aminoil Fed 1 Den

Collection Date: 6/7/2021 1:45:00 PM

Lab ID: 2106356-005

Matrix: SOIL

Received Date: 6/8/2021 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	6/11/2021 9:07:33 AM	60573
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/11/2021 7:13:20 PM	60491
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/11/2021 7:13:20 PM	60491
Surr: DNOP	150	70-130	S	%Rec	1	6/11/2021 7:13:20 PM	60491
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/9/2021 11:06:01 PM	60487
Surr: BFB	109	70-130		%Rec	1	6/9/2021 11:06:01 PM	60487
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/9/2021 11:06:01 PM	60487
Toluene	ND	0.049		mg/Kg	1	6/9/2021 11:06:01 PM	60487
Ethylbenzene	ND	0.049		mg/Kg	1	6/9/2021 11:06:01 PM	60487
Xylenes, Total	ND	0.099		mg/Kg	1	6/9/2021 11:06:01 PM	60487
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	6/9/2021 11:06:01 PM	60487

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 **2106356**

Date Reported: **6/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: N-SW-2 8'

Project: Aminoil Fed 1 Den

Collection Date: 6/7/2021 1:50:00 PM

Lab ID: 2106356-006

Matrix: SOIL

Received Date: 6/8/2021 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	6/11/2021 12:54:33 PM	60573
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/11/2021 7:37:24 PM	60491
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/11/2021 7:37:24 PM	60491
Surr: DNOP	131	70-130	S	%Rec	1	6/11/2021 7:37:24 PM	60491
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/9/2021 11:29:36 PM	60487
Surr: BFB	108	70-130		%Rec	1	6/9/2021 11:29:36 PM	60487
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/9/2021 11:29:36 PM	60487
Toluene	ND	0.050		mg/Kg	1	6/9/2021 11:29:36 PM	60487
Ethylbenzene	ND	0.050		mg/Kg	1	6/9/2021 11:29:36 PM	60487
Xylenes, Total	ND	0.099		mg/Kg	1	6/9/2021 11:29:36 PM	60487
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	6/9/2021 11:29:36 PM	60487

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 **2106356**

Date Reported: **6/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: E-SW 8'

Project: Aminoil Fed 1 Den

Collection Date: 6/7/2021 2:15:00 PM

Lab ID: 2106356-007

Matrix: SOIL

Received Date: 6/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	230	60		mg/Kg	20	6/11/2021 1:31:46 PM	60573
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	7800	94		mg/Kg	10	6/12/2021 7:17:48 AM	60491
Motor Oil Range Organics (MRO)	1500	470		mg/Kg	10	6/12/2021 7:17:48 AM	60491
Surr: DNOP	0	70-130	S	%Rec	10	6/12/2021 7:17:48 AM	60491
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	100	4.7		mg/Kg	1	6/9/2021 11:53:22 PM	60487
Surr: BFB	710	70-130	S	%Rec	1	6/9/2021 11:53:22 PM	60487
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/9/2021 11:53:22 PM	60487
Toluene	ND	0.047		mg/Kg	1	6/9/2021 11:53:22 PM	60487
Ethylbenzene	ND	0.047		mg/Kg	1	6/9/2021 11:53:22 PM	60487
Xylenes, Total	1.7	0.095		mg/Kg	1	6/9/2021 11:53:22 PM	60487
Surr: 4-Bromofluorobenzene	119	70-130		%Rec	1	6/9/2021 11:53:22 PM	60487

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106356

16-Jun-21

Client: Talon Artesia
Project: Aminoil Fed 1 Den

Sample ID: MB-60561	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 60561	RunNo: 79004								
Prep Date: 6/10/2021	Analysis Date: 6/10/2021	SeqNo: 2771478	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-60561	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 60561	RunNo: 79004								
Prep Date: 6/10/2021	Analysis Date: 6/10/2021	SeqNo: 2771479	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			

Sample ID: MB-60573	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 60573	RunNo: 79021								
Prep Date: 6/11/2021	Analysis Date: 6/11/2021	SeqNo: 2772746	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-60573	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 60573	RunNo: 79021								
Prep Date: 6/11/2021	Analysis Date: 6/11/2021	SeqNo: 2772747	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	99.7	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#: 2106356

16-Jun-21

Client: Talon Artesia
Project: Aminoil Fed 1 Den

Sample ID: MB-60491	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 60491	RunNo: 79023								
Prep Date: 6/8/2021	Analysis Date: 6/11/2021	SeqNo: 2772815	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		118	70	130			

Sample ID: LCS-60491	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 60491	RunNo: 79023								
Prep Date: 6/8/2021	Analysis Date: 6/11/2021	SeqNo: 2772816	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	91.2	68.9	141			
Surr: DNOP	5.0		5.000		99.3	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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#: 2106356

16-Jun-21

Client: Talon Artesia
Project: Aminoil Fed 1 Den

Sample ID: mb-60487	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 60487		RunNo: 78935							
Prep Date: 6/8/2021	Analysis Date: 6/9/2021		SeqNo: 2770425		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	1100		1000		106	70	130			

Sample ID: lcs-60487	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 60487		RunNo: 78935							
Prep Date: 6/8/2021	Analysis Date: 6/9/2021		SeqNo: 2770426		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	95.0	78.6	131			
Surr: BFB	1200		1000		115	70	130			

Sample ID: 2106356-001ams	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: W-SW-1 8'	Batch ID: 60487		RunNo: 78935							
Prep Date: 6/8/2021	Analysis Date: 6/9/2021		SeqNo: 2770428		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	68	4.9	24.49	37.80	123	61.3	114			S
Surr: BFB	3600		979.4		363	70	130			S

Sample ID: 2106356-001amsd	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: W-SW-1 8'	Batch ID: 60487		RunNo: 78935							
Prep Date: 6/8/2021	Analysis Date: 6/9/2021		SeqNo: 2770429		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	63	4.9	24.53	37.80	101	61.3	114	8.24	20	
Surr: BFB	3400		981.4		343	70	130	0	0	S

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106356

16-Jun-21

Client: Talon Artesia
Project: Aminoil Fed 1 Den

Sample ID: mb-60487	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 60487	RunNo: 78935								
Prep Date: 6/8/2021	Analysis Date: 6/9/2021	SeqNo: 2770477	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	70	130			

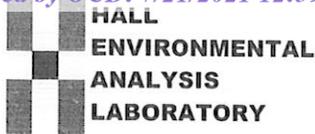
Sample ID: LCS-60487	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 60487	RunNo: 78935								
Prep Date: 6/8/2021	Analysis Date: 6/9/2021	SeqNo: 2770478	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.0	80	120			
Toluene	0.93	0.050	1.000	0	92.8	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.6	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.7	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	70	130			

Sample ID: 2106356-002ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: W-SW-2 8'	Batch ID: 60487	RunNo: 78935								
Prep Date: 6/8/2021	Analysis Date: 6/9/2021	SeqNo: 2770481	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9737	0	106	76.3	120			
Toluene	1.1	0.049	0.9737	0	109	78.5	120			
Ethylbenzene	1.1	0.049	0.9737	0	111	78.1	124			
Xylenes, Total	3.3	0.097	2.921	0.1011	108	79.3	125			
Surr: 4-Bromofluorobenzene	1.1		0.9737		113	70	130			

Sample ID: 2106356-002amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: W-SW-2 8'	Batch ID: 60487	RunNo: 78935								
Prep Date: 6/8/2021	Analysis Date: 6/9/2021	SeqNo: 2770482	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	0.9891	0	99.5	76.3	120	4.47	20	
Toluene	1.0	0.049	0.9891	0	102	78.5	120	5.18	20	
Ethylbenzene	1.0	0.049	0.9891	0	104	78.1	124	5.20	20	
Xylenes, Total	3.1	0.099	2.967	0.1011	102	79.3	125	4.60	20	
Surr: 4-Bromofluorobenzene	1.1		0.9891		111	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



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: 2106356 RcptNo: 1

Received By: Juan Rojas 6/8/2021 7:30:00 AM
Completed By: Cheyenne Cason 6/8/2021 7:44:10 AM
Reviewed By: [Signature] 6-8-21

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

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

of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: KPG 6/08/21

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: [] Date: []
By Whom: [] Via: [] eMail [] Phone [] Fax [] In Person []
Regarding: []
Client Instructions: []

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 2.0, Good, [], [], []

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 Days

Standard Rush

Project Name:

Aminoil Fed 1 (Den)

Project #:

701750.003.01

Project Manager:

R. Pons

Sampler: J. Carnes

On Ice: Yes No

of Coolers: 1

Cooler Temp (including CF): 1.940.122.0

Container Type and # Preservative Type HEAL No. 2106 356

Glass Jar Ice/Cool

W-SW-1 8'

W-SW-2 8'

S-SW-1 8'

S-SW-2 8'

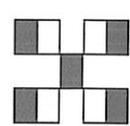
N-SW-1 8'

N-SW-2 8'

E-SW 8'

2:15

C H L O R I D E S
B T E X
X X X



HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Received by:	Via:	Date	Time	Remarks:
6/7/2021	1:00	Soil	W-SW-1 8'	Glass Jar	Ice/Cool	001	[Signature]		6/7/21	1000	
	1:05		W-SW-2 8'			002	[Signature]				
	1:15		S-SW-1 8'			003	[Signature]				
	1:20		S-SW-2 8'			004	[Signature]				
	1:45		N-SW-1 8'			005	[Signature]				
	1:50		N-SW-2 8'			006	[Signature]				
	2:15		E-SW 8'			007	[Signature]				

Relinquished by: [Signature]

Received by: [Signature]

Date: 6/7/21 Time: 1000

Relinquished by: [Signature]

Received by: [Signature]

Date: 6/8/21 Time: 7:30

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

June 28, 2021

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

RE: Aminoil Fed #1

OrderNo.: 2106707

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 23 sample(s) on 6/12/2021 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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-1A 10'

Project: Aminoil Fed #1

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

Lab ID: 2106707-001

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	180	60		mg/Kg	20	6/14/2021 6:42:05 PM	60598
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	160	9.7		mg/Kg	1	6/22/2021 11:58:48 AM	60589
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/22/2021 11:58:48 AM	60589
Surr: DNOP	74.4	70-130		%Rec	1	6/22/2021 11:58:48 AM	60589
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/14/2021 2:23:05 PM	60586
Surr: BFB	111	70-130		%Rec	1	6/14/2021 2:23:05 PM	60586
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/14/2021 2:23:05 PM	60586
Toluene	ND	0.049		mg/Kg	1	6/14/2021 2:23:05 PM	60586
Ethylbenzene	ND	0.049		mg/Kg	1	6/14/2021 2:23:05 PM	60586
Xylenes, Total	ND	0.098		mg/Kg	1	6/14/2021 2:23:05 PM	60586
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	6/14/2021 2:23:05 PM	60586

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-2A 10'

Project: Aminoil Fed #1

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

Lab ID: 2106707-002

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	200	60		mg/Kg	20	6/14/2021 6:54:30 PM	60598
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	140	9.4		mg/Kg	1	6/16/2021 7:29:22 AM	60589
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/16/2021 7:29:22 AM	60589
Surr: DNOP	97.3	70-130		%Rec	1	6/16/2021 7:29:22 AM	60589
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/14/2021 3:34:57 PM	60586
Surr: BFB	117	70-130		%Rec	1	6/14/2021 3:34:57 PM	60586
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/14/2021 3:34:57 PM	60586
Toluene	ND	0.049		mg/Kg	1	6/14/2021 3:34:57 PM	60586
Ethylbenzene	ND	0.049		mg/Kg	1	6/14/2021 3:34:57 PM	60586
Xylenes, Total	ND	0.099		mg/Kg	1	6/14/2021 3:34:57 PM	60586
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	6/14/2021 3:34:57 PM	60586

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-3A 10'

Project: Aminoil Fed #1

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

Lab ID: 2106707-003

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	210	60		mg/Kg	20	6/14/2021 7:06:55 PM	60598
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	190	9.7		mg/Kg	1	6/16/2021 7:53:16 AM	60589
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/16/2021 7:53:16 AM	60589
Surr: DNOP	104	70-130		%Rec	1	6/16/2021 7:53:16 AM	60589
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/14/2021 3:58:58 PM	60586
Surr: BFB	119	70-130		%Rec	1	6/14/2021 3:58:58 PM	60586
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/14/2021 3:58:58 PM	60586
Toluene	ND	0.049		mg/Kg	1	6/14/2021 3:58:58 PM	60586
Ethylbenzene	ND	0.049		mg/Kg	1	6/14/2021 3:58:58 PM	60586
Xylenes, Total	ND	0.099		mg/Kg	1	6/14/2021 3:58:58 PM	60586
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	6/14/2021 3:58:58 PM	60586

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-4A 10'

Project: Aminoil Fed #1

Collection Date: 6/10/2021 12:00:00 PM

Lab ID: 2106707-004

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	200	60		mg/Kg	20	6/14/2021 7:19:20 PM	60598
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	190	9.6		mg/Kg	1	6/16/2021 10:15:12 AM	60589
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/16/2021 10:15:12 AM	60589
Surr: DNOP	102	70-130		%Rec	1	6/16/2021 10:15:12 AM	60589
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/14/2021 4:22:56 PM	60586
Surr: BFB	114	70-130		%Rec	1	6/14/2021 4:22:56 PM	60586
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/14/2021 4:22:56 PM	60586
Toluene	ND	0.048		mg/Kg	1	6/14/2021 4:22:56 PM	60586
Ethylbenzene	ND	0.048		mg/Kg	1	6/14/2021 4:22:56 PM	60586
Xylenes, Total	ND	0.096		mg/Kg	1	6/14/2021 4:22:56 PM	60586
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/14/2021 4:22:56 PM	60586

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-5A 10'

Project: Aminoil Fed #1

Collection Date: 6/10/2021 12:05:00 PM

Lab ID: 2106707-005

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	180	60		mg/Kg	20	6/14/2021 7:31:44 PM	60598
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	180	9.4		mg/Kg	1	6/16/2021 8:16:54 AM	60589
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/16/2021 8:16:54 AM	60589
Surr: DNOP	123	70-130		%Rec	1	6/16/2021 8:16:54 AM	60589
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/14/2021 4:46:55 PM	60586
Surr: BFB	117	70-130		%Rec	1	6/14/2021 4:46:55 PM	60586
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/14/2021 4:46:55 PM	60586
Toluene	ND	0.049		mg/Kg	1	6/14/2021 4:46:55 PM	60586
Ethylbenzene	ND	0.049		mg/Kg	1	6/14/2021 4:46:55 PM	60586
Xylenes, Total	ND	0.099		mg/Kg	1	6/14/2021 4:46:55 PM	60586
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	6/14/2021 4:46:55 PM	60586

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-6A 10'

Project: Aminoil Fed #1

Collection Date: 6/10/2021 1:30:00 PM

Lab ID: 2106707-006

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	180	60		mg/Kg	20	6/14/2021 7:44:09 PM	60598
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	170	9.7		mg/Kg	1	6/16/2021 8:40:30 AM	60589
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/16/2021 8:40:30 AM	60589
Surr: DNOP	112	70-130		%Rec	1	6/16/2021 8:40:30 AM	60589
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/14/2021 5:10:58 PM	60586
Surr: BFB	117	70-130		%Rec	1	6/14/2021 5:10:58 PM	60586
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/14/2021 5:10:58 PM	60586
Toluene	ND	0.050		mg/Kg	1	6/14/2021 5:10:58 PM	60586
Ethylbenzene	ND	0.050		mg/Kg	1	6/14/2021 5:10:58 PM	60586
Xylenes, Total	ND	0.099		mg/Kg	1	6/14/2021 5:10:58 PM	60586
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	6/14/2021 5:10:58 PM	60586

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-7A 10'

Project: Aminoil Fed #1

Collection Date: 6/10/2021 1:35:00 PM

Lab ID: 2106707-007

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	180	60		mg/Kg	20	6/14/2021 8:21:23 PM	60598
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	150	9.8		mg/Kg	1	6/16/2021 9:04:10 AM	60589
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/16/2021 9:04:10 AM	60589
Surr: DNOP	111	70-130		%Rec	1	6/16/2021 9:04:10 AM	60589
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/14/2021 5:35:00 PM	60586
Surr: BFB	119	70-130		%Rec	1	6/14/2021 5:35:00 PM	60586
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/14/2021 5:35:00 PM	60586
Toluene	ND	0.048		mg/Kg	1	6/14/2021 5:35:00 PM	60586
Ethylbenzene	ND	0.048		mg/Kg	1	6/14/2021 5:35:00 PM	60586
Xylenes, Total	ND	0.096		mg/Kg	1	6/14/2021 5:35:00 PM	60586
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	6/14/2021 5:35:00 PM	60586

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-8 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 10:00:00 AM

Lab ID: 2106707-008

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	190	60		mg/Kg	20	6/14/2021 8:33:47 PM	60598
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	180	9.9		mg/Kg	1	6/16/2021 9:27:49 AM	60589
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/16/2021 9:27:49 AM	60589
Surr: DNOP	82.3	70-130		%Rec	1	6/16/2021 9:27:49 AM	60589
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/14/2021 5:59:01 PM	60586
Surr: BFB	115	70-130		%Rec	1	6/14/2021 5:59:01 PM	60586
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/14/2021 5:59:01 PM	60586
Toluene	ND	0.049		mg/Kg	1	6/14/2021 5:59:01 PM	60586
Ethylbenzene	ND	0.049		mg/Kg	1	6/14/2021 5:59:01 PM	60586
Xylenes, Total	ND	0.099		mg/Kg	1	6/14/2021 5:59:01 PM	60586
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/14/2021 5:59:01 PM	60586

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-9 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 10:05:00 AM

Lab ID: 2106707-009

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	200	60		mg/Kg	20	6/14/2021 8:46:12 PM	60598
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	150	9.7		mg/Kg	1	6/16/2021 9:51:30 AM	60589
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/16/2021 9:51:30 AM	60589
Surr: DNOP	90.4	70-130		%Rec	1	6/16/2021 9:51:30 AM	60589
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/14/2021 6:23:05 PM	60586
Surr: BFB	118	70-130		%Rec	1	6/14/2021 6:23:05 PM	60586
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/14/2021 6:23:05 PM	60586
Toluene	ND	0.048		mg/Kg	1	6/14/2021 6:23:05 PM	60586
Ethylbenzene	ND	0.048		mg/Kg	1	6/14/2021 6:23:05 PM	60586
Xylenes, Total	ND	0.096		mg/Kg	1	6/14/2021 6:23:05 PM	60586
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	6/14/2021 6:23:05 PM	60586

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-10 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 10:10:00 AM

Lab ID: 2106707-010

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	200	60		mg/Kg	20	6/14/2021 9:23:27 PM	60599
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	150	9.5		mg/Kg	1	6/16/2021 3:24:12 PM	60589
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/16/2021 3:24:12 PM	60589
Surr: DNOP	91.4	70-130		%Rec	1	6/16/2021 3:24:12 PM	60589
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/14/2021 6:47:02 PM	60586
Surr: BFB	118	70-130		%Rec	1	6/14/2021 6:47:02 PM	60586
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/14/2021 6:47:02 PM	60586
Toluene	ND	0.049		mg/Kg	1	6/14/2021 6:47:02 PM	60586
Ethylbenzene	ND	0.049		mg/Kg	1	6/14/2021 6:47:02 PM	60586
Xylenes, Total	ND	0.098		mg/Kg	1	6/14/2021 6:47:02 PM	60586
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	6/14/2021 6:47:02 PM	60586

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-11 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 10:15:00 AM

Lab ID: 2106707-011

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	180	61		mg/Kg	20	6/14/2021 10:00:41 PM	60599
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	130	9.4		mg/Kg	1	6/16/2021 3:48:04 PM	60589
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/16/2021 3:48:04 PM	60589
Surr: DNOP	102	70-130		%Rec	1	6/16/2021 3:48:04 PM	60589
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/14/2021 7:11:02 PM	60586
Surr: BFB	114	70-130		%Rec	1	6/14/2021 7:11:02 PM	60586
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/14/2021 7:11:02 PM	60586
Toluene	ND	0.050		mg/Kg	1	6/14/2021 7:11:02 PM	60586
Ethylbenzene	ND	0.050		mg/Kg	1	6/14/2021 7:11:02 PM	60586
Xylenes, Total	ND	0.10		mg/Kg	1	6/14/2021 7:11:02 PM	60586
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/14/2021 7:11:02 PM	60586

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-12 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 10:20:00 AM

Lab ID: 2106707-012

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	210	60		mg/Kg	20	6/14/2021 11:02:43 PM	60599
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	110	9.0		mg/Kg	1	6/14/2021 12:32:33 PM	60592
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/14/2021 12:32:33 PM	60592
Surr: DNOP	72.0	70-130		%Rec	1	6/14/2021 12:32:33 PM	60592
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/14/2021 9:34:08 PM	60588
Surr: BFB	108	70-130		%Rec	1	6/14/2021 9:34:08 PM	60588
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/14/2021 9:34:08 PM	60588
Toluene	ND	0.049		mg/Kg	1	6/14/2021 9:34:08 PM	60588
Ethylbenzene	ND	0.049		mg/Kg	1	6/14/2021 9:34:08 PM	60588
Xylenes, Total	ND	0.098		mg/Kg	1	6/14/2021 9:34:08 PM	60588
Surr: 4-Bromofluorobenzene	99.9	70-130		%Rec	1	6/14/2021 9:34:08 PM	60588

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-13 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 10:25:00 AM

Lab ID: 2106707-013

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	180	60		mg/Kg	20	6/14/2021 11:15:08 PM	60599
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	120	9.8		mg/Kg	1	6/14/2021 12:56:29 PM	60592
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/14/2021 12:56:29 PM	60592
Surr: DNOP	104	70-130		%Rec	1	6/14/2021 12:56:29 PM	60592
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/14/2021 10:45:19 PM	60588
Surr: BFB	110	70-130		%Rec	1	6/14/2021 10:45:19 PM	60588
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/14/2021 10:45:19 PM	60588
Toluene	ND	0.050		mg/Kg	1	6/14/2021 10:45:19 PM	60588
Ethylbenzene	ND	0.050		mg/Kg	1	6/14/2021 10:45:19 PM	60588
Xylenes, Total	ND	0.10		mg/Kg	1	6/14/2021 10:45:19 PM	60588
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/14/2021 10:45:19 PM	60588

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-14 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 10:30:00 AM

Lab ID: 2106707-014

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	200	60		mg/Kg	20	6/14/2021 11:27:32 PM	60599
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	120	8.7		mg/Kg	1	6/14/2021 1:20:24 PM	60592
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/14/2021 1:20:24 PM	60592
Surr: DNOP	116	70-130		%Rec	1	6/14/2021 1:20:24 PM	60592
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/14/2021 11:56:14 PM	60588
Surr: BFB	112	70-130		%Rec	1	6/14/2021 11:56:14 PM	60588
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/14/2021 11:56:14 PM	60588
Toluene	ND	0.049		mg/Kg	1	6/14/2021 11:56:14 PM	60588
Ethylbenzene	ND	0.049		mg/Kg	1	6/14/2021 11:56:14 PM	60588
Xylenes, Total	ND	0.098		mg/Kg	1	6/14/2021 11:56:14 PM	60588
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/14/2021 11:56:14 PM	60588

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-15 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 10:35:00 AM

Lab ID: 2106707-015

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	210	59		mg/Kg	20	6/14/2021 11:39:56 PM	60599
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	130	9.8		mg/Kg	1	6/14/2021 1:44:31 PM	60592
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/14/2021 1:44:31 PM	60592
Surr: DNOP	96.9	70-130		%Rec	1	6/14/2021 1:44:31 PM	60592
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/15/2021 12:19:52 AM	60588
Surr: BFB	109	70-130		%Rec	1	6/15/2021 12:19:52 AM	60588
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/15/2021 12:19:52 AM	60588
Toluene	ND	0.048		mg/Kg	1	6/15/2021 12:19:52 AM	60588
Ethylbenzene	ND	0.048		mg/Kg	1	6/15/2021 12:19:52 AM	60588
Xylenes, Total	ND	0.096		mg/Kg	1	6/15/2021 12:19:52 AM	60588
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	6/15/2021 12:19:52 AM	60588

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-16 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 10:40:00 AM

Lab ID: 2106707-016

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	210	60		mg/Kg	20	6/14/2021 11:52:21 PM	60599
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	110	9.3		mg/Kg	1	6/14/2021 2:08:36 PM	60592
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/14/2021 2:08:36 PM	60592
Surr: DNOP	83.4	70-130		%Rec	1	6/14/2021 2:08:36 PM	60592
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/15/2021 12:43:25 AM	60588
Surr: BFB	109	70-130		%Rec	1	6/15/2021 12:43:25 AM	60588
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/15/2021 12:43:25 AM	60588
Toluene	ND	0.050		mg/Kg	1	6/15/2021 12:43:25 AM	60588
Ethylbenzene	ND	0.050		mg/Kg	1	6/15/2021 12:43:25 AM	60588
Xylenes, Total	ND	0.099		mg/Kg	1	6/15/2021 12:43:25 AM	60588
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/15/2021 12:43:25 AM	60588

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-17 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 10:45:00 AM

Lab ID: 2106707-017

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	210	60		mg/Kg	20	6/15/2021 12:04:46 AM	60599
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	100	9.6		mg/Kg	1	6/14/2021 2:32:43 PM	60592
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/14/2021 2:32:43 PM	60592
Surr: DNOP	106	70-130		%Rec	1	6/14/2021 2:32:43 PM	60592
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/15/2021 1:07:02 AM	60588
Surr: BFB	106	70-130		%Rec	1	6/15/2021 1:07:02 AM	60588
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/15/2021 1:07:02 AM	60588
Toluene	ND	0.048		mg/Kg	1	6/15/2021 1:07:02 AM	60588
Ethylbenzene	ND	0.048		mg/Kg	1	6/15/2021 1:07:02 AM	60588
Xylenes, Total	ND	0.096		mg/Kg	1	6/15/2021 1:07:02 AM	60588
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	6/15/2021 1:07:02 AM	60588

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: N. SW-1 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 10:50:00 AM

Lab ID: 2106707-018

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	170	59		mg/Kg	20	6/15/2021 12:17:10 AM	60599
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	44	9.7		mg/Kg	1	6/14/2021 2:56:46 PM	60592
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/14/2021 2:56:46 PM	60592
Surr: DNOP	93.3	70-130		%Rec	1	6/14/2021 2:56:46 PM	60592
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/15/2021 1:30:34 AM	60588
Surr: BFB	108	70-130		%Rec	1	6/15/2021 1:30:34 AM	60588
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/15/2021 1:30:34 AM	60588
Toluene	ND	0.049		mg/Kg	1	6/15/2021 1:30:34 AM	60588
Ethylbenzene	ND	0.049		mg/Kg	1	6/15/2021 1:30:34 AM	60588
Xylenes, Total	ND	0.098		mg/Kg	1	6/15/2021 1:30:34 AM	60588
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	6/15/2021 1:30:34 AM	60588

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: N. SW-2 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 10:55:00 AM

Lab ID: 2106707-019

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	170	60		mg/Kg	20	6/15/2021 12:29:35 AM	60599
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	55	9.0		mg/Kg	1	6/14/2021 3:20:55 PM	60592
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/14/2021 3:20:55 PM	60592
Surr: DNOP	71.2	70-130		%Rec	1	6/14/2021 3:20:55 PM	60592
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/15/2021 1:54:03 AM	60588
Surr: BFB	105	70-130		%Rec	1	6/15/2021 1:54:03 AM	60588
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/15/2021 1:54:03 AM	60588
Toluene	ND	0.050		mg/Kg	1	6/15/2021 1:54:03 AM	60588
Ethylbenzene	ND	0.050		mg/Kg	1	6/15/2021 1:54:03 AM	60588
Xylenes, Total	ND	0.10		mg/Kg	1	6/15/2021 1:54:03 AM	60588
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	6/15/2021 1:54:03 AM	60588

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S. SW-1 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 11:00:00 AM

Lab ID: 2106707-020

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	170	59		mg/Kg	20	6/15/2021 1:06:49 AM	60599
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	73	9.8		mg/Kg	1	6/22/2021 2:25:50 PM	60592
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/22/2021 2:25:50 PM	60592
Surr: DNOP	88.1	70-130		%Rec	1	6/22/2021 2:25:50 PM	60592
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/15/2021 2:17:34 AM	60588
Surr: BFB	102	70-130		%Rec	1	6/15/2021 2:17:34 AM	60588
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/15/2021 2:17:34 AM	60588
Toluene	ND	0.050		mg/Kg	1	6/15/2021 2:17:34 AM	60588
Ethylbenzene	ND	0.050		mg/Kg	1	6/15/2021 2:17:34 AM	60588
Xylenes, Total	ND	0.099		mg/Kg	1	6/15/2021 2:17:34 AM	60588
Surr: 4-Bromofluorobenzene	97.4	70-130		%Rec	1	6/15/2021 2:17:34 AM	60588

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S. SW-2 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 11:05:00 AM

Lab ID: 2106707-021

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	170	60		mg/Kg	20	6/15/2021 1:19:14 AM	60599
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	76	9.5		mg/Kg	1	6/14/2021 4:09:27 PM	60592
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/14/2021 4:09:27 PM	60592
Surr: DNOP	86.3	70-130		%Rec	1	6/14/2021 4:09:27 PM	60592
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/15/2021 2:41:00 AM	60588
Surr: BFB	105	70-130		%Rec	1	6/15/2021 2:41:00 AM	60588
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/15/2021 2:41:00 AM	60588
Toluene	ND	0.050		mg/Kg	1	6/15/2021 2:41:00 AM	60588
Ethylbenzene	ND	0.050		mg/Kg	1	6/15/2021 2:41:00 AM	60588
Xylenes, Total	ND	0.099		mg/Kg	1	6/15/2021 2:41:00 AM	60588
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	6/15/2021 2:41:00 AM	60588

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: E. SW 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 11:10:00 AM

Lab ID: 2106707-022

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	180	61		mg/Kg	20	6/15/2021 1:31:39 AM	60599
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	66	9.4		mg/Kg	1	6/14/2021 4:33:39 PM	60592
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/14/2021 4:33:39 PM	60592
Surr: DNOP	93.2	70-130		%Rec	1	6/14/2021 4:33:39 PM	60592
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/15/2021 3:27:53 AM	60588
Surr: BFB	105	70-130		%Rec	1	6/15/2021 3:27:53 AM	60588
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/15/2021 3:27:53 AM	60588
Toluene	ND	0.050		mg/Kg	1	6/15/2021 3:27:53 AM	60588
Ethylbenzene	ND	0.050		mg/Kg	1	6/15/2021 3:27:53 AM	60588
Xylenes, Total	ND	0.099		mg/Kg	1	6/15/2021 3:27:53 AM	60588
Surr: 4-Bromofluorobenzene	99.8	70-130		%Rec	1	6/15/2021 3:27:53 AM	60588

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 **2106707**

Date Reported: **6/28/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: W. SW 10'

Project: Aminoil Fed #1

Collection Date: 6/11/2021 11:15:00 AM

Lab ID: 2106707-023

Matrix: SOIL

Received Date: 6/12/2021 7:56:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	180	60		mg/Kg	20	6/15/2021 1:44:03 AM	60599
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	85	9.7		mg/Kg	1	6/14/2021 4:57:46 PM	60592
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/14/2021 4:57:46 PM	60592
Surr: DNOP	93.0	70-130		%Rec	1	6/14/2021 4:57:46 PM	60592
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/15/2021 3:51:17 AM	60588
Surr: BFB	104	70-130		%Rec	1	6/15/2021 3:51:17 AM	60588
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/15/2021 3:51:17 AM	60588
Toluene	ND	0.049		mg/Kg	1	6/15/2021 3:51:17 AM	60588
Ethylbenzene	ND	0.049		mg/Kg	1	6/15/2021 3:51:17 AM	60588
Xylenes, Total	ND	0.099		mg/Kg	1	6/15/2021 3:51:17 AM	60588
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	6/15/2021 3:51:17 AM	60588

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106707

28-Jun-21

Client: Talon Artesia
Project: Aminoil Fed #1

Sample ID: MB-60598	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 60598	RunNo: 79065								
Prep Date: 6/14/2021	Analysis Date: 6/14/2021	SeqNo: 2774526	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-60598	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 60598	RunNo: 79065								
Prep Date: 6/14/2021	Analysis Date: 6/14/2021	SeqNo: 2774527	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.0	90	110			

Sample ID: MB-60599	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 60599	RunNo: 79065								
Prep Date: 6/14/2021	Analysis Date: 6/14/2021	SeqNo: 2774558	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-60599	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 60599	RunNo: 79065								
Prep Date: 6/14/2021	Analysis Date: 6/14/2021	SeqNo: 2774559	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.8	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106707

28-Jun-21

Client: Talon Artesia
Project: Aminoil Fed #1

Sample ID: 2106707-012AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-12 10'	Batch ID: 60592	RunNo: 79088								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2775664			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	140	9.5	47.30	105.4	69.4	15	184			
Surr: DNOP	5.3		4.730		111	70	130			

Sample ID: 2106707-012AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-12 10'	Batch ID: 60592	RunNo: 79088								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2775665			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	150	9.7	48.73	105.4	86.3	15	184	6.47	23.9	
Surr: DNOP	4.8		4.873		98.8	70	130	0	0	

Sample ID: MB-60592	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 60592	RunNo: 79088								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2775672			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	9.8		10.00		98.2	70	130			

Sample ID: LCS-60592	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 60592	RunNo: 79088								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2775673			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.6	68.9	141			
Surr: DNOP	4.9		5.000		97.4	70	130			

Sample ID: MB-60589	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 60589	RunNo: 79088								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2779775			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			

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#: 2106707

28-Jun-21

Client: Talon Artesia
Project: Aminoil Fed #1

Sample ID: LCS-60589	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 60589	RunNo: 79088								
Prep Date: 6/12/2021	Analysis Date: 6/16/2021	SeqNo: 2779802	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	10	50.00	0	106	68.9	141			
Surr: DNOP	5.9		5.000		118	70	130			

Sample ID: MB-60764	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 60764	RunNo: 79239								
Prep Date: 6/21/2021	Analysis Date: 6/22/2021	SeqNo: 2783029	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.2		10.00		91.7	70	130			

Sample ID: LCS-60764	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 60764	RunNo: 79239								
Prep Date: 6/21/2021	Analysis Date: 6/22/2021	SeqNo: 2783030	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.9		5.000		97.5	70	130			

Sample ID: MB-60765	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 60765	RunNo: 79239								
Prep Date: 6/21/2021	Analysis Date: 6/23/2021	SeqNo: 2784807	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	7.3		10.00		73.0	70	130			

Sample ID: LCS-60765	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 60765	RunNo: 79239								
Prep Date: 6/21/2021	Analysis Date: 6/23/2021	SeqNo: 2784808	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.7		5.000		74.2	70	130			

Sample ID: MB-60870	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 60870	RunNo: 79239								
Prep Date: 6/23/2021	Analysis Date: 6/24/2021	SeqNo: 2789223	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		102	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#: 2106707

28-Jun-21

Client: Talon Artesia
Project: Aminoil Fed #1

Sample ID: LCS-60870	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 60870	RunNo: 79239								
Prep Date: 6/23/2021	Analysis Date: 6/24/2021	SeqNo: 2789224	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.3		5.000		106	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106707

28-Jun-21

Client: Talon Artesia
Project: Aminoil Fed #1

Sample ID: mb-60586	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 60586	RunNo: 79064								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2774399	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	1100		1000		115	70	130			

Sample ID: ics-60586	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 60586	RunNo: 79064								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2774400	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	108	78.6	131			
Surr: BFB	1300		1000		126	70	130			

Sample ID: mb-60588	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 60588	RunNo: 79064								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2774423	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	1100		1000		114	70	130			

Sample ID: ics-60588	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 60588	RunNo: 79064								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2774424	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	117	78.6	131			
Surr: BFB	1300		1000		126	70	130			

Sample ID: 2106707-012ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-12 10'	Batch ID: 60588	RunNo: 79064								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2774426	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	32	4.8	24.08	0	132	61.3	114			S
Surr: BFB	1200		963.4		126	70	130			

Sample ID: 2106707-012amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-12 10'	Batch ID: 60588	RunNo: 79064								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2774427	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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106707

28-Jun-21

Client: Talon Artesia
Project: Aminoil Fed #1

Sample ID: 2106707-012amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range									
Client ID: S-12 10'	Batch ID: 60588	RunNo: 79064									
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2774427		Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	31	4.9	24.68	0	124	61.3	114	3.79	20	S	
Surr: BFB	1200		987.2		123	70	130	0	0		

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106707

28-Jun-21

Client: Talon Artesia
Project: Aminoil Fed #1

Sample ID: mb-60586	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 60586	RunNo: 79064								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2774447	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		109	70	130			

Sample ID: LCS-60586	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 60586	RunNo: 79064								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2774448	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	98.3	80	120			
Toluene	0.99	0.050	1.000	0	99.3	80	120			
Ethylbenzene	0.99	0.050	1.000	0	98.8	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.2	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	70	130			

Sample ID: mb-60588	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 60588	RunNo: 79064								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2774471	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		106	70	130			

Sample ID: LCS-60588	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 60588	RunNo: 79064								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2774476	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	103	80	120			
Toluene	1.0	0.050	1.000	0	104	80	120			
Ethylbenzene	1.0	0.050	1.000	0	104	80	120			
Xylenes, Total	3.1	0.10	3.000	0	104	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		108	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#: 2106707

28-Jun-21

Client: Talon Artesia
Project: Aminoil Fed #1

Sample ID: 2106707-013ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-13 10'	Batch ID: 60588	RunNo: 79064								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2774479	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9881	0	110	80	120			
Toluene	1.1	0.049	0.9881	0	111	80	120			
Ethylbenzene	1.1	0.049	0.9881	0	111	80	120			
Xylenes, Total	3.3	0.099	2.964	0	112	80	120			
Surr: 4-Bromofluorobenzene	1.0		0.9881		103	70	130			

Sample ID: 2106707-013amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-13 10'	Batch ID: 60588	RunNo: 79064								
Prep Date: 6/12/2021	Analysis Date: 6/14/2021	SeqNo: 2774480	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9643	0	110	80	120	2.33	20	
Toluene	1.1	0.048	0.9643	0	112	80	120	1.21	20	
Ethylbenzene	1.1	0.048	0.9643	0	114	80	120	0.386	20	
Xylenes, Total	3.3	0.096	2.893	0	113	80	120	1.30	20	
Surr: 4-Bromofluorobenzene	1.0		0.9643		105	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



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: 2106707 RcptNo: 1

Received By: Isaiah Ortiz 6/12/2021 7:56:00 AM
Completed By: Isaiah Ortiz 6/12/2021 8:35:42 AM
Reviewed By: [Signature] 6/12/2021

IOX
IOX

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

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

of preserved bottles checked for pH: IO 6.12.21 (<2 or >12 unless noted)
Adjusted?
Checked by:

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: [] Date: []
By Whom: [] Via: [] eMail [] Phone [] Fax [] In Person []
Regarding: []
Client Instructions: []

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 10.4, Good, Not Present, [], [], []

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: 3-5 day

Standard Rush

Project Name:

Aminoil Fed #1

Project #:

701750.003.01

Project Manager:

R. Pons

Sampler: M. Collier

On Ice: Yes No

of Coolers: 1

Cooler Temp (including CP): 2.9-10.1 (F) 3.0°C

Container Type and #

Preservative Type

HEAL No. Z106707

Date Time Matrix Sample Name

6/10/21	10:00	Soil	S-1A	10'
	10:05		S-2A	10'
	10:10		S-3A	10'
	12:00		S-4A	10'
	12:05		S-5A	10'
	1:30		S-6A	10'
	1:35		S-7A	10'
6/11/21	10:00		S-8	10'
	10:05		S-9	10'
	10:10		S-10	10'
	10:15		S-11	10'
	10:20		S-12	10'

Date: 6/11/21

Time: 1215

Relinquished by: *M. Collier*

Date: 6/11/21

Time: 1900

Relinquished by: *M. Collier*

Received by: *M. Collier*

Via: *Hand*

Date: 6/11/21

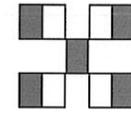
Time: 1215

Received by: *J. O. Cain*

Via: *Hand*

Date: 6-12-21

Time: 0756



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Chlorides

BTEX

TPH

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

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Remarks: Pg 1 of 2



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

July 14, 2021

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

RE: Aminoil Fed1

OrderNo.: 2107270

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 17 sample(s) on 7/8/2021 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 in a cursive style.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-1A 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:00:00 AM

Lab ID: 2107270-001

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	7/12/2021 12:50:47 PM	61229
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/9/2021 12:26:39 PM	61208
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/9/2021 12:26:39 PM	61208
Surr: DNOP	90.7	70-130		%Rec	1	7/9/2021 12:26:39 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/9/2021 6:09:46 PM	61181
Surr: BFB	108	70-130		%Rec	1	7/9/2021 6:09:46 PM	61181
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	7/9/2021 6:09:46 PM	61181
Toluene	ND	0.048		mg/Kg	1	7/9/2021 6:09:46 PM	61181
Ethylbenzene	ND	0.048		mg/Kg	1	7/9/2021 6:09:46 PM	61181
Xylenes, Total	ND	0.096		mg/Kg	1	7/9/2021 6:09:46 PM	61181
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	7/9/2021 6:09:46 PM	61181

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 **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-2A 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:03:00 AM

Lab ID: 2107270-002

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	7/12/2021 1:03:12 PM	61229
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/9/2021 12:36:34 PM	61208
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/9/2021 12:36:34 PM	61208
Surr: DNOP	92.2	70-130		%Rec	1	7/9/2021 12:36:34 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/9/2021 6:33:32 PM	61181
Surr: BFB	107	70-130		%Rec	1	7/9/2021 6:33:32 PM	61181
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	7/9/2021 6:33:32 PM	61181
Toluene	ND	0.048		mg/Kg	1	7/9/2021 6:33:32 PM	61181
Ethylbenzene	ND	0.048		mg/Kg	1	7/9/2021 6:33:32 PM	61181
Xylenes, Total	ND	0.096		mg/Kg	1	7/9/2021 6:33:32 PM	61181
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	7/9/2021 6:33:32 PM	61181

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 **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-3A 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:06:00 AM

Lab ID: 2107270-003

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	7/12/2021 1:15:36 PM	61229
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/9/2021 12:46:31 PM	61208
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/9/2021 12:46:31 PM	61208
Surr: DNOP	95.1	70-130		%Rec	1	7/9/2021 12:46:31 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/9/2021 6:57:17 PM	61181
Surr: BFB	109	70-130		%Rec	1	7/9/2021 6:57:17 PM	61181
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	7/9/2021 6:57:17 PM	61181
Toluene	ND	0.048		mg/Kg	1	7/9/2021 6:57:17 PM	61181
Ethylbenzene	ND	0.048		mg/Kg	1	7/9/2021 6:57:17 PM	61181
Xylenes, Total	ND	0.097		mg/Kg	1	7/9/2021 6:57:17 PM	61181
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	7/9/2021 6:57:17 PM	61181

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 2107270

Date Reported: 7/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-4A 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:09:00 AM

Lab ID: 2107270-004

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	7/12/2021 1:28:01 PM	61229
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/9/2021 1:19:35 PM	61208
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/9/2021 1:19:35 PM	61208
Surr: DNOP	92.3	70-130		%Rec	1	7/9/2021 1:19:35 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/9/2021 9:47:00 AM	61189
Surr: BFB	104	70-130		%Rec	1	7/9/2021 9:47:00 AM	61189
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	7/9/2021 9:47:00 AM	61189
Toluene	ND	0.050		mg/Kg	1	7/9/2021 9:47:00 AM	61189
Ethylbenzene	ND	0.050		mg/Kg	1	7/9/2021 9:47:00 AM	61189
Xylenes, Total	ND	0.099		mg/Kg	1	7/9/2021 9:47:00 AM	61189
Surr: 4-Bromofluorobenzene	97.2	70-130		%Rec	1	7/9/2021 9:47:00 AM	61189

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 **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-5A 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:12:00 AM

Lab ID: 2107270-005

Matrix: SOIL

Received Date: 7/8/2021 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	7/12/2021 1:40:25 PM	61229
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/9/2021 1:29:39 PM	61208
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/9/2021 1:29:39 PM	61208
Surr: DNOP	90.9	70-130		%Rec	1	7/9/2021 1:29:39 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/9/2021 10:47:00 AM	61189
Surr: BFB	97.6	70-130		%Rec	1	7/9/2021 10:47:00 AM	61189
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	7/9/2021 10:47:00 AM	61189
Toluene	ND	0.047		mg/Kg	1	7/9/2021 10:47:00 AM	61189
Ethylbenzene	ND	0.047		mg/Kg	1	7/9/2021 10:47:00 AM	61189
Xylenes, Total	ND	0.095		mg/Kg	1	7/9/2021 10:47:00 AM	61189
Surr: 4-Bromofluorobenzene	94.9	70-130		%Rec	1	7/9/2021 10:47:00 AM	61189

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 **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-6A 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:15:00 AM

Lab ID: 2107270-006

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	7/12/2021 1:52:49 PM	61229
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/9/2021 1:39:44 PM	61208
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/9/2021 1:39:44 PM	61208
Surr: DNOP	91.1	70-130		%Rec	1	7/9/2021 1:39:44 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/9/2021 11:46:00 AM	61189
Surr: BFB	96.8	70-130		%Rec	1	7/9/2021 11:46:00 AM	61189
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	7/9/2021 11:46:00 AM	61189
Toluene	ND	0.049		mg/Kg	1	7/9/2021 11:46:00 AM	61189
Ethylbenzene	ND	0.049		mg/Kg	1	7/9/2021 11:46:00 AM	61189
Xylenes, Total	ND	0.097		mg/Kg	1	7/9/2021 11:46:00 AM	61189
Surr: 4-Bromofluorobenzene	92.1	70-130		%Rec	1	7/9/2021 11:46:00 AM	61189

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 **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-7A 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:18:00 AM

Lab ID: 2107270-007

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	59		mg/Kg	20	7/12/2021 2:30:03 PM	61229
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/9/2021 1:49:49 PM	61208
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/9/2021 1:49:49 PM	61208
Surr: DNOP	83.5	70-130		%Rec	1	7/9/2021 1:49:49 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/9/2021 12:06:00 PM	61189
Surr: BFB	102	70-130		%Rec	1	7/9/2021 12:06:00 PM	61189
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	7/9/2021 12:06:00 PM	61189
Toluene	ND	0.050		mg/Kg	1	7/9/2021 12:06:00 PM	61189
Ethylbenzene	ND	0.050		mg/Kg	1	7/9/2021 12:06:00 PM	61189
Xylenes, Total	ND	0.099		mg/Kg	1	7/9/2021 12:06:00 PM	61189
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	7/9/2021 12:06:00 PM	61189

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 **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-8A 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:21:00 AM

Lab ID: 2107270-008

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	61		mg/Kg	20	7/12/2021 2:42:27 PM	61229
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/9/2021 1:59:54 PM	61208
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/9/2021 1:59:54 PM	61208
Surr: DNOP	86.9	70-130		%Rec	1	7/9/2021 1:59:54 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/9/2021 12:26:00 PM	61189
Surr: BFB	96.7	70-130		%Rec	1	7/9/2021 12:26:00 PM	61189
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	7/9/2021 12:26:00 PM	61189
Toluene	ND	0.047		mg/Kg	1	7/9/2021 12:26:00 PM	61189
Ethylbenzene	ND	0.047		mg/Kg	1	7/9/2021 12:26:00 PM	61189
Xylenes, Total	ND	0.093		mg/Kg	1	7/9/2021 12:26:00 PM	61189
Surr: 4-Bromofluorobenzene	93.5	70-130		%Rec	1	7/9/2021 12:26:00 PM	61189

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 **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-9 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:24:00 AM

Lab ID: 2107270-009

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	7/12/2021 2:54:51 PM	61229
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/9/2021 2:10:00 PM	61208
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/9/2021 2:10:00 PM	61208
Surr: DNOP	88.4	70-130		%Rec	1	7/9/2021 2:10:00 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/9/2021 12:46:00 PM	61189
Surr: BFB	100	70-130		%Rec	1	7/9/2021 12:46:00 PM	61189
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	7/9/2021 12:46:00 PM	61189
Toluene	ND	0.050		mg/Kg	1	7/9/2021 12:46:00 PM	61189
Ethylbenzene	ND	0.050		mg/Kg	1	7/9/2021 12:46:00 PM	61189
Xylenes, Total	ND	0.10		mg/Kg	1	7/9/2021 12:46:00 PM	61189
Surr: 4-Bromofluorobenzene	94.9	70-130		%Rec	1	7/9/2021 12:46:00 PM	61189

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 **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-10 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:27:00 AM

Lab ID: 2107270-010

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	7/12/2021 3:07:16 PM	61229
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/9/2021 2:20:07 PM	61208
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/9/2021 2:20:07 PM	61208
Surr: DNOP	88.7	70-130		%Rec	1	7/9/2021 2:20:07 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/9/2021 1:06:00 PM	61189
Surr: BFB	101	70-130		%Rec	1	7/9/2021 1:06:00 PM	61189
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	7/9/2021 1:06:00 PM	61189
Toluene	ND	0.049		mg/Kg	1	7/9/2021 1:06:00 PM	61189
Ethylbenzene	ND	0.049		mg/Kg	1	7/9/2021 1:06:00 PM	61189
Xylenes, Total	ND	0.097		mg/Kg	1	7/9/2021 1:06:00 PM	61189
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	7/9/2021 1:06:00 PM	61189

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 **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-11 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:30:00 AM

Lab ID: 2107270-011

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	7/12/2021 3:19:40 PM	61229
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/9/2021 2:30:11 PM	61208
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/9/2021 2:30:11 PM	61208
Surr: DNOP	91.1	70-130		%Rec	1	7/9/2021 2:30:11 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/9/2021 1:27:00 PM	61189
Surr: BFB	101	70-130		%Rec	1	7/9/2021 1:27:00 PM	61189
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	7/9/2021 1:27:00 PM	61189
Toluene	ND	0.048		mg/Kg	1	7/9/2021 1:27:00 PM	61189
Ethylbenzene	ND	0.048		mg/Kg	1	7/9/2021 1:27:00 PM	61189
Xylenes, Total	ND	0.096		mg/Kg	1	7/9/2021 1:27:00 PM	61189
Surr: 4-Bromofluorobenzene	96.3	70-130		%Rec	1	7/9/2021 1:27:00 PM	61189

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 **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-12 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:33:00 AM

Lab ID: 2107270-012

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	7/12/2021 3:32:04 PM	61229
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/9/2021 2:40:17 PM	61208
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/9/2021 2:40:17 PM	61208
Surr: DNOP	93.3	70-130		%Rec	1	7/9/2021 2:40:17 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/12/2021 3:30:11 PM	61189
Surr: BFB	101	70-130		%Rec	1	7/12/2021 3:30:11 PM	61189
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	7/12/2021 3:30:11 PM	61189
Toluene	ND	0.049		mg/Kg	1	7/12/2021 3:30:11 PM	61189
Ethylbenzene	ND	0.049		mg/Kg	1	7/12/2021 3:30:11 PM	61189
Xylenes, Total	ND	0.098		mg/Kg	1	7/12/2021 3:30:11 PM	61189
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	7/12/2021 3:30:11 PM	61189

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 **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-13 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:36:00 AM

Lab ID: 2107270-013

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	7/12/2021 3:44:28 PM	61229
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/9/2021 2:50:22 PM	61208
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/9/2021 2:50:22 PM	61208
Surr: DNOP	86.2	70-130		%Rec	1	7/9/2021 2:50:22 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/12/2021 3:53:57 PM	61189
Surr: BFB	98.5	70-130		%Rec	1	7/12/2021 3:53:57 PM	61189
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	7/12/2021 3:53:57 PM	61189
Toluene	ND	0.050		mg/Kg	1	7/12/2021 3:53:57 PM	61189
Ethylbenzene	ND	0.050		mg/Kg	1	7/12/2021 3:53:57 PM	61189
Xylenes, Total	ND	0.099		mg/Kg	1	7/12/2021 3:53:57 PM	61189
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	7/12/2021 3:53:57 PM	61189

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 **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-14 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:39:00 AM

Lab ID: 2107270-014

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	7/12/2021 3:56:53 PM	61229
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/9/2021 3:00:24 PM	61208
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/9/2021 3:00:24 PM	61208
Surr: DNOP	81.3	70-130		%Rec	1	7/9/2021 3:00:24 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/9/2021 3:27:00 PM	61189
Surr: BFB	101	70-130		%Rec	1	7/9/2021 3:27:00 PM	61189
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	7/9/2021 3:27:00 PM	61189
Toluene	ND	0.048		mg/Kg	1	7/9/2021 3:27:00 PM	61189
Ethylbenzene	ND	0.048		mg/Kg	1	7/9/2021 3:27:00 PM	61189
Xylenes, Total	ND	0.097		mg/Kg	1	7/9/2021 3:27:00 PM	61189
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	7/9/2021 3:27:00 PM	61189

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 **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-15 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:42:00 AM

Lab ID: 2107270-015

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	7/12/2021 4:09:18 PM	61229
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/9/2021 3:10:27 PM	61208
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/9/2021 3:10:27 PM	61208
Surr: DNOP	79.9	70-130		%Rec	1	7/9/2021 3:10:27 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/9/2021 3:48:00 PM	61189
Surr: BFB	99.1	70-130		%Rec	1	7/9/2021 3:48:00 PM	61189
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	7/9/2021 3:48:00 PM	61189
Toluene	ND	0.050		mg/Kg	1	7/9/2021 3:48:00 PM	61189
Ethylbenzene	ND	0.050		mg/Kg	1	7/9/2021 3:48:00 PM	61189
Xylenes, Total	ND	0.099		mg/Kg	1	7/9/2021 3:48:00 PM	61189
Surr: 4-Bromofluorobenzene	94.8	70-130		%Rec	1	7/9/2021 3:48:00 PM	61189

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 **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-16 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:45:00 AM

Lab ID: 2107270-016

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	7/12/2021 5:11:20 PM	61238
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/9/2021 3:20:31 PM	61208
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/9/2021 3:20:31 PM	61208
Surr: DNOP	82.2	70-130		%Rec	1	7/9/2021 3:20:31 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/9/2021 4:08:00 PM	61189
Surr: BFB	103	70-130		%Rec	1	7/9/2021 4:08:00 PM	61189
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	7/9/2021 4:08:00 PM	61189
Toluene	ND	0.046		mg/Kg	1	7/9/2021 4:08:00 PM	61189
Ethylbenzene	ND	0.046		mg/Kg	1	7/9/2021 4:08:00 PM	61189
Xylenes, Total	ND	0.092		mg/Kg	1	7/9/2021 4:08:00 PM	61189
Surr: 4-Bromofluorobenzene	94.6	70-130		%Rec	1	7/9/2021 4:08:00 PM	61189

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 **2107270**

Date Reported: **7/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-17 11'

Project: Aminoil Fed1

Collection Date: 6/30/2021 8:48:00 AM

Lab ID: 2107270-017

Matrix: SOIL

Received Date: 7/8/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	7/12/2021 5:23:45 PM	61238
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	7/9/2021 3:30:36 PM	61208
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/9/2021 3:30:36 PM	61208
Surr: DNOP	82.8	70-130		%Rec	1	7/9/2021 3:30:36 PM	61208
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/9/2021 4:28:00 PM	61189
Surr: BFB	101	70-130		%Rec	1	7/9/2021 4:28:00 PM	61189
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	7/9/2021 4:28:00 PM	61189
Toluene	ND	0.048		mg/Kg	1	7/9/2021 4:28:00 PM	61189
Ethylbenzene	ND	0.048		mg/Kg	1	7/9/2021 4:28:00 PM	61189
Xylenes, Total	ND	0.095		mg/Kg	1	7/9/2021 4:28:00 PM	61189
Surr: 4-Bromofluorobenzene	93.9	70-130		%Rec	1	7/9/2021 4:28:00 PM	61189

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107270

14-Jul-21

Client: Talon Artesia

Project: Aminoil Fed1

Sample ID: MB-61229	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 61229	RunNo: 79710								
Prep Date: 7/12/2021	Analysis Date: 7/12/2021	SeqNo: 2805008	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-61229	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 61229	RunNo: 79710								
Prep Date: 7/12/2021	Analysis Date: 7/12/2021	SeqNo: 2805009	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.0	90	110			

Sample ID: MB-61238	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 61238	RunNo: 79710								
Prep Date: 7/12/2021	Analysis Date: 7/12/2021	SeqNo: 2805043	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-61238	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 61238	RunNo: 79710								
Prep Date: 7/12/2021	Analysis Date: 7/12/2021	SeqNo: 2805044	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.1	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#: 2107270

14-Jul-21

Client: Talon Artesia

Project: Aminoil Fed1

Sample ID: MB-61208	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 61208	RunNo: 79683								
Prep Date: 7/9/2021	Analysis Date: 7/9/2021	SeqNo: 2802908	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	9.4		10.00		93.6	70	130			

Sample ID: LCS-61208	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 61208	RunNo: 79683								
Prep Date: 7/9/2021	Analysis Date: 7/9/2021	SeqNo: 2802909	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	87.0	68.9	141			
Surr: DNOP	4.8		5.000		96.1	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#: 2107270

14-Jul-21

Client: Talon Artesia

Project: Aminoil Fed1

Sample ID: ics-61189	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 61189	RunNo: 79700								
Prep Date: 7/8/2021	Analysis Date: 7/9/2021	SeqNo: 2802952	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	1200		1000		118	70	130			

Sample ID: mb-61189	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 61189	RunNo: 79700								
Prep Date: 7/8/2021	Analysis Date: 7/9/2021	SeqNo: 2802953	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	1000		1000		103	70	130			

Sample ID: 2107270-004ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-4A 11'	Batch ID: 61189	RunNo: 79700								
Prep Date: 7/8/2021	Analysis Date: 7/9/2021	SeqNo: 2802955	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.9	24.61	0	115	61.3	114			S
Surr: BFB	1100		984.3		114	70	130			

Sample ID: 2107270-004amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-4A 11'	Batch ID: 61189	RunNo: 79700								
Prep Date: 7/8/2021	Analysis Date: 7/9/2021	SeqNo: 2802956	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	30	4.9	24.51	0	123	61.3	114	6.50	20	S
Surr: BFB	1200		980.4		118	70	130	0	0	

Sample ID: ics-61201	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 61201	RunNo: 79700								
Prep Date: 7/8/2021	Analysis Date: 7/9/2021	SeqNo: 2802976	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		109	70	130			

Sample ID: mb-61201	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 61201	RunNo: 79700								
Prep Date: 7/8/2021	Analysis Date: 7/9/2021	SeqNo: 2802977	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	980		1000		97.5	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#: 2107270

14-Jul-21

Client: Talon Artesia

Project: Aminoil Fed1

Sample ID: mb-61181	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 61181	RunNo: 79705								
Prep Date: 7/8/2021	Analysis Date: 7/9/2021	SeqNo: 2803201	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	1100		1000		107	70	130			

Sample ID: ics-61181	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 61181	RunNo: 79705								
Prep Date: 7/8/2021	Analysis Date: 7/9/2021	SeqNo: 2803202	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	1200		1000		116	70	130			

Sample ID: mb-61219	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 61219	RunNo: 79735								
Prep Date: 7/9/2021	Analysis Date: 7/12/2021	SeqNo: 2804597	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	960		1000		95.6	70	130			

Sample ID: ics-61219	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 61219	RunNo: 79735								
Prep Date: 7/9/2021	Analysis Date: 7/12/2021	SeqNo: 2804598	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		108	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#: 2107270

14-Jul-21

Client: Talon Artesia

Project: Aminoil Fed1

Sample ID: ics-61189	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 61189		RunNo: 79700							
Prep Date: 7/8/2021	Analysis Date: 7/9/2021		SeqNo: 2803000		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	96.8	80	120			
Toluene	0.96	0.050	1.000	0	96.1	80	120			
Ethylbenzene	0.98	0.050	1.000	0	98.1	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.4	80	120			
Surr: 4-Bromofluorobenzene	0.98		1.000		97.7	70	130			

Sample ID: mb-61189	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 61189		RunNo: 79700							
Prep Date: 7/8/2021	Analysis Date: 7/9/2021		SeqNo: 2803001		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	0.95		1.000		94.7	70	130			

Sample ID: 2107270-005ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: S-5A 11'	Batch ID: 61189		RunNo: 79700							
Prep Date: 7/8/2021	Analysis Date: 7/9/2021		SeqNo: 2803004		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9794	0	113	80	120			
Toluene	1.1	0.049	0.9794	0	114	80	120			
Ethylbenzene	1.1	0.049	0.9794	0	117	80	120			
Xylenes, Total	3.4	0.098	2.938	0	117	80	120			
Surr: 4-Bromofluorobenzene	0.91		0.9794		92.4	70	130			

Sample ID: 2107270-005amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: S-5A 11'	Batch ID: 61189		RunNo: 79700							
Prep Date: 7/8/2021	Analysis Date: 7/9/2021		SeqNo: 2803005		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9569	0	112	80	120	3.56	20	
Toluene	1.1	0.048	0.9569	0	113	80	120	3.58	20	
Ethylbenzene	1.1	0.048	0.9569	0	116	80	120	2.90	20	
Xylenes, Total	3.4	0.096	2.871	0	117	80	120	2.77	20	
Surr: 4-Bromofluorobenzene	0.90		0.9569		94.3	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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107270

14-Jul-21

Client: Talon Artesia
Project: Aminoil Fed1

Sample ID: lcs-61201	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 61201		RunNo: 79700							
Prep Date: 7/8/2021	Analysis Date: 7/9/2021		SeqNo: 2803024	Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.93		1.000		92.9	70	130			

Sample ID: mb-61201	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 61201		RunNo: 79700							
Prep Date: 7/8/2021	Analysis Date: 7/9/2021		SeqNo: 2803025	Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.92		1.000		91.8	70	130			

Sample ID: mb-61181	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 61181		RunNo: 79705							
Prep Date: 7/8/2021	Analysis Date: 7/9/2021		SeqNo: 2803254	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Sample ID: LCS-61181	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 61181		RunNo: 79705							
Prep Date: 7/8/2021	Analysis Date: 7/9/2021		SeqNo: 2803255	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	95.4	80	120			
Toluene	0.98	0.050	1.000	0	98.5	80	120			
Ethylbenzene	0.98	0.050	1.000	0	97.7	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.4	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Sample ID: mb-61219	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 61219		RunNo: 79735							
Prep Date: 7/9/2021	Analysis Date: 7/12/2021		SeqNo: 2804627	Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.99		1.000		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#: 2107270

14-Jul-21

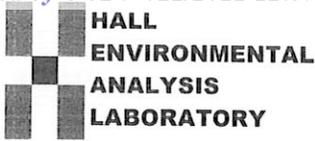
Client: Talon Artesia

Project: Aminoil Fed1

Sample ID: LCS-61219	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 61219	RunNo: 79735								
Prep Date: 7/9/2021	Analysis Date: 7/12/2021	SeqNo: 2804628	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		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



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: **2107270** RcptNo: 1

Received By: **Cheyenne Cason** 7/8/2021 7:30:00 AM *CC*
 Completed By: **Desiree Dominguez** 7/8/2021 9:15:59 AM *DD*
 Reviewed By: *JR 7/8/21*

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° 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? Yes No
 (Note discrepancies on chain of custody)
 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? Yes No
 (If no, notify customer for authorization.)

of preserved bottles checked for pH: _____
 (<2 or >12 unless noted)
 Adjusted? _____
 Checked by: *SPA 7.8.21*

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	5.4	Good				

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 Days

Standard Rush

Project Name: AminoilFed1 (Amniolil)

Project #: 701750.003.01

Project Manager: R. Pons

Sampler: J. Carnes

On Ice: Yes No

of Coolers: ()

Cooler Temp (including CF): 5.3 + 0.1 = 5.4

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
6/30/2021	8:36	Soil	S-13 11'	Glass Jar	Ice/Cool	-013
	8:39		S-14 11'			-014
	8:42		S-15 11'			-015
	8:45		S-16 11'			-016
	8:48		S-17 11'			-017

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

C	H	L	O	R	I	D	E	S	B	T	E	X
X									X			
										X		
											X	
												X

Received by: Alumina Date: 7/21/2021 Time: 1055

Relinquished by: [Signature]

Received by: see cam Date: 7/21/2021 Time: 0730

Remarks: Page 2 of 2

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 37240

CONDITIONS

Operator: DINERO OPERATING CO P.O. Box 10505 Midland, TX 79702	OGRID: 6224
	Action Number: 37240
	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 #NAPP2108354432 AMINOIL FEDERAL #1, thank you. This closure is approved.	10/7/2021