Page 6

Oil Conservation Division

Incident ID	nAPP2120237986
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# Closure

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

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

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

 Signature:
 Chase Settle
 Date:
 12/15/2021

 email: Chase\_Settle@eogresources.com Telephone: 575-748-1471 **OCD Only** Received by: Chad Hensley Date: 01/12/2022 Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. Printed Name: Chad Hensley Title: Environmental Specialist Advanced



talonipe.com • 866.742.0742



# **Closure Report**

Taco AUK State #3 Battery Lea County, New Mexico API# 30-025-38288 Incident #nAPP2120237986

## **Prepared For:**

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

## **Prepared By:**

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

## December 14, 2021



Mr. Chad Hensley **NMOCD District 2** 811 South First Street Artesia, New Mexico 88210

Subject: Closure Report Taco AUK State #3 Battery Lea County, New Mexico API# 30-025-38288 Incident #nAPP2120237986

Dear Mr. Hensley,

Talon/LPE (Talon) has been retained to provide EOG Resources, Inc. (EOG) with site assessment and remediation services for the above referenced incident. Enclosed please find the results of our site assessment, remedial actions and closure request.

#### Site Information

The Taco AUK State #3 Battery is located approximately fourteen (14) miles northeast of Tatum, New Mexico. The legal location for this release is Unit Letter I, Section 10, Township 10 South and Range 34 East in Lea County, New Mexico. More specifically the latitude and longitude for the facility is 33.45917 and -103.44464. Site maps are presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area consists of Brownfield-Springer association which is comprised of fine sand to sandy clay loam, 0 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 consists of older alluvial deposits of upland plains and piedmont areas, mid to lower Pleistocene in age. Drainage courses in this area are typically well drained.

#### **Groundwater and Site Characterization**

The New Mexico Office of the State Engineer indicates that the nearest reported depth to groundwater in the area is 24-feet below ground surface (bgs). See Appendix II for copies of the referenced data. Further research of the Bureau of Land Management Karst data indicates that this site is not located within a potential Karst area.

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

☐Yes ⊠No Within 300 feet of any continuously flowing wa	
significant watercourse	atercourse or any other
☐Yes ⊠No Within 200 feet of any lakebed, sinkhole or a	playa lake
☐Yes ⊠No Within 300 feet from an occupied permanent institution or church	residence, school, hospital,
☐Yes       ☑No       Within 500 feet of a spring or a private, domestic or state, by less than five households for domestic or state.	
☐Yes ⊠No Within 1000 feet of any freshwater well or spr	ring
☐Yes⊠NoWithin incorporated municipal boundaries or w freshwater well field covered under a municip 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	

Based on the site characterization data, the release occurred in an area where the depth to groundwater is less than 50 feet bgs. As such, the location will be restored to the following closure criteria levels.

	Table I           Closure Criteria for Soils Impacted by a Release									
Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Method	Limit							
< 50 feet	Total Chlorides	EPA 300.0 or SM4500 CI B	600 mg/kg							
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg							
	GRO+DRO	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

On July 17, 2021, a 500 bbl (barrel) oil tank developed a pin hole which allowed for the release to occur within the lined and bermed containment of the tank battery. Approximately 14 bbls of crude oil were released with 11 bbls recovered. A copy of the Initial C-141 spill notification is attached. (Appendix III).

#### Site Assessment Activities

On July 30, 2021, Talon personnel mobilized to begin site assessment and sampling activities for the drafting of a work plan. A single grab soil sample was collected at the source with a hand auger until the depth of 2' bgs at which point refusal was encountered. On October 8, 2021, following client approval, Talon personnel returned to the site and utilizing a Geoprobe (direct push technology), the impacted area was sampled to a depth of 5' bgs where refusal was again encountered. All soil samples were properly packaged, preserved, and transported via chain of custody to Hall Laboratory, Inc., for analysis of Total Chlorides (EPA Method 300.0), TPH (EPA Method 8015M) and BTEX (EPA Method 8021B). Results from our initial sampling events are presented on the following data table and the complete laboratory reports can be found in Appendix V. Sample locations are shown on the attached site map (Appendix I).

Sample ID	Sample Date	•		Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMO	CD Table 1 Clo	osure	50	10	DRO	+ GRO +	100	600	
Criter	ia 19.15.29 N	MAC	mg/kg	mg/kg	combir	ned = 100	mg/kg	mg/kg	
	7/30/2021	0-1'	82	ND	2000	22000	6800	30800	510
S-1	7/30/2021	2' R	130	1.4	2500	22000	6900	31400	840
3-1	10/8/2021	4'	66	0.69	1200	17000	6500	24700	ND
	10/8/2021	5' R	72	1.2	1800	9700	3500	15000	ND
		N	D = Analyt	te Not Dete	cted R =	Refusal			

 Table 1

 08/09/2021 Soil Sample Laboratory Results

On October 20, 2021, Talon personnel and equipment mobilized to the site in order to complete vertical delineation sampling utilizing an air rotary drill rig. Soil borings were advanced to a maximum depth of 2' bgs. All boring soil samples were properly contained, preserved, and transported to Hall Laboratories for analyses of Total Chlorides, TPH, and BTEX. The results are tabled below.

	,	17027202		ampie Lai	ooratory	i toouno			
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
NMO	CD Table 1 Clo	osure	50	10	DRO	+ GRO + I	MRO	100	600
Crite	ria 19.15.29 N	MAC	mg/kg	mg/kg	combi	ned = 100	mg/kg	mg/kg	mg/kg
	10/20/2021	1'	ND	ND	ND	ND	ND	ND	ND
B-1	10/20/2021	2'	ND	ND	ND	ND	ND	ND	ND
D-1	10/20/2021	3'	ND	ND	ND	ND	ND	ND	ND
	10/20/2021	4'	ND	ND	ND	ND	ND	ND	ND
	10/20/2021	6'	19	ND	710	7700	4100	12510	ND
	10/20/2021	8'	31	ND	860	10000	4500	15360	NT
	10/20/2021	10'	18	ND	610	5200	2300	8110	NT
	10/20/2021	12'	11	ND	430	5700	2800	8930	NT
	10/20/2021	14'	2	ND	97	2000	980	3077	NT
B-2	10/20/2021	16'	ND	ND	ND	150	88	238	NT
	10/20/2021	18'	0.82	ND	29	1500	750	1989	NT
	10/20/2021	20'	ND	ND	ND	120	49	169	NT
	10/20/2021	22'	ND	ND	ND	130	49	179	NT
	10/20/2021	24'	ND	ND	ND	88	ND	88	NT
	10/20/2021	26'	ND	ND	ND	18	ND	18	ND
	10/20/2021	1'	ND	ND	ND	ND	ND	0	ND
B-3	10/20/2021	2'	ND	ND	ND	ND	ND	0	ND
D-3	10/20/2021	3'	ND	ND	ND	10	ND	10	ND
	10/20/2021	4'	ND	ND	ND	ND	ND	0	ND
S-2	10/20/2021	0-1'	0.31	ND	ND	ND	ND	0	ND
S-3	10/20/2021	0-1'	1.9	ND	26	35	ND	61	ND
		ND = Ar	alyte Not	Detected	NT=Analyt	e Not Tes	ted		

 Table 3

 11/02/2021 Soil Sample Laboratory Results

A Boring Location Map is attached in Appendix I. The complete laboratory report is presented in Appendix V.

On October 31, 2021, Talon personnel and equipment mobilized to the site in order to excavate the impacted area at B-2 which was the same vicinity as the leaking tank. Hard rock refusal was encountered at 13' bgs utilizing an excavator. A hydrovac was subsequently utilized to clean the rock shelf. A confirmation sample was then collected, contained, preserved and transport to Cardinal Laboratories for analysis. The results are tabled below. The complete laboratory report is attached in Appendix V. A confirmation sample map is presented in Appendix I.

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
NMO	CD Table 1 Clo	sure	50	10	DRO	+ GRO +	MRO	100	600
Crite	Criteria 19.15.29 NMAC			mg/kg	combir	ned = 100	mg/kg	mg/kg	mg/kg
S-1A	12/07/2021	13'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	32
	ND = Analyte Not Detected								

 Table 4

 12/07/2021 Soil Sample Laboratory Results

## **Remedial Actions**

- The impacted area was drilled to a depth of 26' bgs to vertically delineate the source under the leaking tank (removed by EOG) to NMOCD remediation guidelines of less than 100 mg/kg for TPH.
- The impacted area at sample locations S-1/B-2 was excavated to 13' bgs where hard rock refusal was encountered.
- A hydrovac was utilized to clean the rock shelf and a composite soil sample from bottom of excavation was collected to confirm NMOCD clean up criteria had been accomplished (soil sample S-1A).
- Photo documentation is presented in this report (Appendix IV).
- All impacted soil was transported to Lea Landfill, an NMOCD approved solid waste disposal facility.
- The excavated area was backfilled with clean, like material, machine compacted and returned to grade.

#### Closure

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

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

Respectfully submitted,

TALON/LPE

Rebecca S. Pons Senior Environmental Project Manager David J. Adkins Regional Manager

Attachments:

Appendix ISite MapsAppendix IIGroundwater Data, Soil SurveyAppendix IIIC-141 FormsAppendix IVPhotographic DocumentationAppendix VLaboratory Reports



# **APPENDIX I**

SITE MAPS

## Received by OCD: 12/16/2021 10:46:16 AM TACO AUK State #3

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API #30-025-38288 EOG Resources Lea County, NM Site Vicinity Map

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## Received by OCD: 12/16/2021 10:46:16 AM TACO AUK State #3

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EOG Resources, Inc. Lea County, NM API# 30-025-38288 Initial Site Assessment Map

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EOG Resources, Inc. Lea County, NM API# 30-025-38288 Confirmation Sample Map

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- 1. A. I.I.

# Legend Page 13 of 95 Boring Location Impacted Area Complex Location

A DESCRIPTION AND A DESCRIPTION OF

- Sample Location
  - Taco AUK

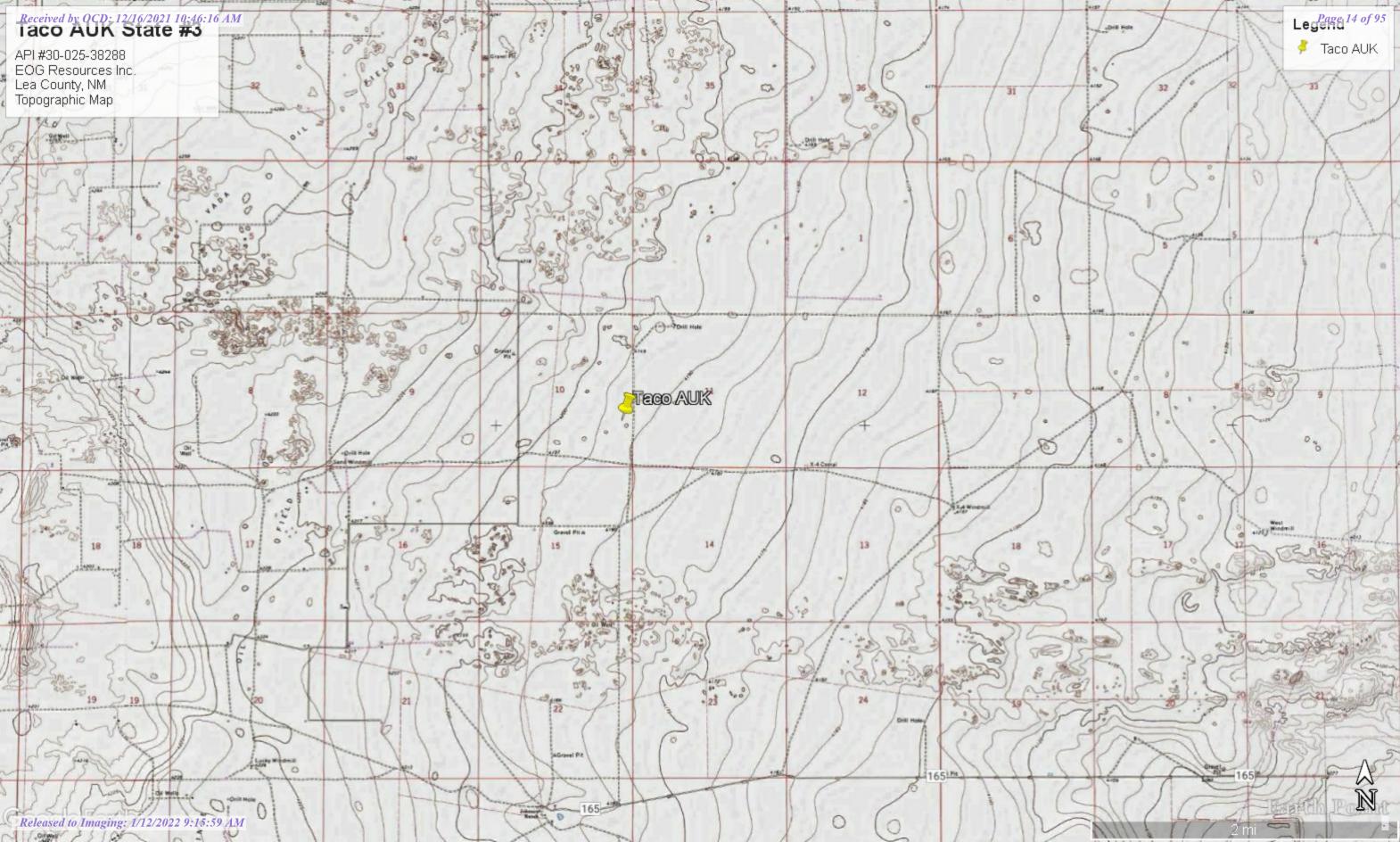
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S-1A

B-3

**B**-2



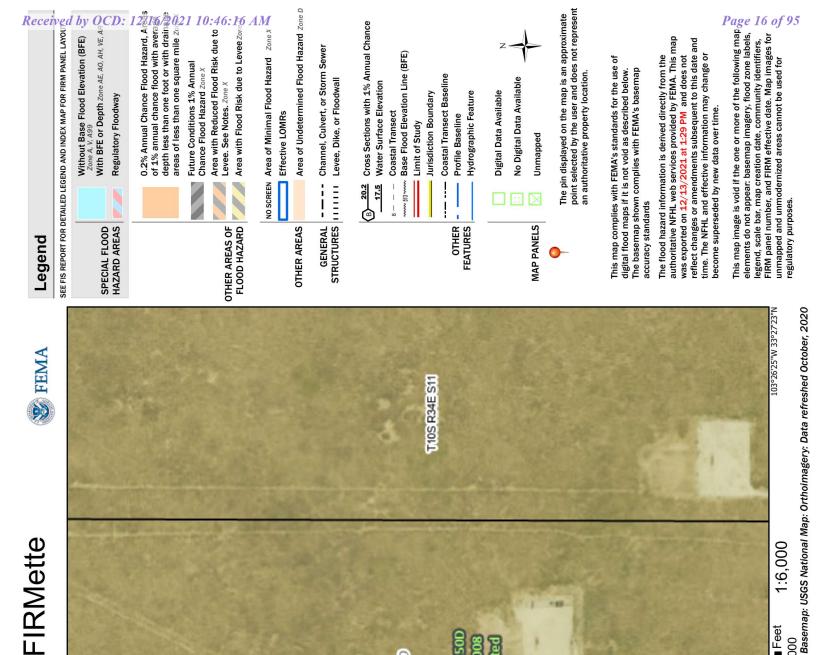
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# APPENDIX II

GROUNDWATER DATA SOIL SURVEY

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer	(R=POE been rej O=orpha	placed,			au	arto	are ar	o 1-N	11/1/ 2-11	E 3-SW 4	_9F)				
serves a water right file.)	C=the fi closed)	(quarters are 1=NW 2=N (quarters are smallest to largest)						(NAD83 UTM in meters)			(In feet)				
		POD Sub-			Q		,			(			(in loc	,	Vater
POD Number L 14746 POD1	Code	basin L	County LE		16 1			<b>Tws</b> 11S		<b>X</b> 645411	<b>Y</b> 3695945 🌍	DistanceDe 7379	pthWellDepth 160	WaterCo 24	olumn 136
L 13497 POD1		L	LE	1	4	3	28	12S	36E	637018	3699051 🌍	8630	115	32	83
P 01246 AS		Р	RO	1	2	3	14	10S	33E	635580	3701637* 🌍	9113	113		
L 05000		L	LE			4	09	11S	35E	648061	3694168* 🌍	9761	76	35	41
											Aver	age Depth to W	/ater:	30 fe	et
												Minimum De	epth:	24 fe	et
												Maximum De	epth:	35 fe	et
Record 4 Count: <u>UTMNAD83 Radiu</u>	is Search	<u>(in met</u>	<u>ers):</u>												
Easting (X): 64	4545		Nortl	ning	7 (Y	'):	3703	3274.3	3		Radius: 1000	0			

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## Lea County, New Mexico

#### **BO—Brownfield-Springer association**

#### Map Unit Setting

National map unit symbol: dmpj Elevation: 3,500 to 4,400 feet Mean annual precipitation: 12 to 16 inches Mean annual air temperature: 58 to 60 degrees F Frost-free period: 190 to 205 days Farmland classification: Farmland of statewide importance

#### **Map Unit Composition**

Brownfield and similar soils: 60 percent Springer and similar soils: 30 percent Minor components: 10 percent Estimates are based on observations, descriptions, and transects of the mapunit.

#### **Description of Brownfield**

#### Setting

Landform: Plains Landform position (three-dimensional): Rise Down-slope shape: Linear Across-slope shape: Linear Parent material: Eolian deposits derived from sedimentary rock

#### **Typical profile**

A - 0 to 22 inches: fine sand Bt - 22 to 60 inches: sandy clay loam

#### **Properties and qualities**

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water capacity: Moderate (about 7.0 inches)

#### Interpretive groups

Land capability classification (irrigated): 6e Land capability classification (nonirrigated): 6e Hydrologic Soil Group: B Ecological site: R077DY046TX - Sandy 12-17" PZ Hydric soil rating: No

#### **Description of Springer**

#### Setting

Landform: Plains

#### Custom Soil Resource Report

Landform position (three-dimensional): Rise Down-slope shape: Linear Across-slope shape: Linear Parent material: Eolian deposits derived from sedimentary rock

#### **Typical profile**

A - 0 to 14 inches: loamy fine sand Bt - 14 to 60 inches: fine sandy loam Bk - 60 to 79 inches: fine sandy loam

#### Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 20 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water capacity: Moderate (about 7.1 inches)

#### Interpretive groups

Land capability classification (irrigated): 4e Land capability classification (nonirrigated): 4e Hydrologic Soil Group: A Ecological site: R077DY046TX - Sandy 12-17" PZ Hydric soil rating: No

#### **Minor Components**

#### Patricia

Percent of map unit: 4 percent Ecological site: R077CY056NM - Sandy Plains Hydric soil rating: No

#### Amarillo

Percent of map unit: 4 percent Ecological site: R077CY035TX - Sandy 16-21" PZ Hydric soil rating: No

#### Gomez

Percent of map unit: 1 percent Ecological site: R077CY056NM - Sandy Plains Hydric soil rating: No

#### Tivoli

Percent of map unit: 1 percent Ecological site: R077DY046TX - Sandy 12-17" PZ Hydric soil rating: No



# **APPENDIX III**

C-141 FORMS

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

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

)

Incident ID	nAPP2120237986
District RP	
Facility ID	
Application ID	

# **Release Notification**

## **Responsible Party**

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Chase Settle	Contact Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com	Incident # (assigned by OCD)
Contact mailing address 104 S. 4th Street, Artesia, NM 88	3210

## **Location of Release Source**

Latitude <u>33.45917</u>

Longitude -103.44464

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Taco AUK State #3 Battery	Site Type Battery
Date Release Discovered 7/17/2021	API# (if applicable) 30-025-38288

Unit Letter	Section	Township	Range	County
Ι	10	10S	34E	Lea

Surface Owner: 🛛 State 🗌 Federal 🗌 Tribal 🗌 Private (Name: \_\_\_\_

## Nature and Volume of Release

Materia	l(s) Released (Select all that apply and attach calculations or specific	justification for the volumes provided below)
Crude Oil	Volume Released (bbls) 14	Volume Recovered (bbls) 11
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release 500 b berme	⊔ bl oil tank developed a pin hole which allowed ed tank battery.	for the release to occur within the lined and

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

## **Initial Response**

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

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

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

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

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

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

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

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

Title: Rep Safety & Environmental Sr
Date: 07/21/2021
Telephone: 575-748-1471
Date: 7/26/2021

Page 2

Page 3

Oil Conservation Division

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Facility ID	
Application ID	

# Site Assessment/Characterization

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

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

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

Characterization Report Checklist:	Each of	the following	items must b	e included	in the report
Character Eation Report Checkingt	Luch of	ine jouoning	nems musi v	c memaca	in inc 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 ½-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.

Received by OCD: 12/16/20	2B10:46:16 AM State of New Mexico	Page 26 of 95
Form C-141		Incident ID
Page 4	Oil Conservation Division	District RP
		Facility ID
		Application ID
regulations all operators are r public health or the environm failed to adequately investiga	required to report and/or file certain release notific nent. The acceptance of a C-141 report by the OC the and remediate contamination that pose a threat	est of my knowledge and understand that pursuant to OCD rules and cations and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have to groundwater, surface water, human health or the environment. In esponsibility for compliance with any other federal, state, or local laws
Printed Name:		Title:
Signature:	1	Date:
email:	1	Telephone:
OCD Only		
Received by:		Date:

Received by OCD: 12/16/2021/10:46:16MM Form C-141 State of New Mexico

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Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

# **Remediation Plan**

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

Received by OCD: 12/16/2021/10:46:164M Form C-141 State of New Mexico

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Oil Conservation Division

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# Closure

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

<u>Closure Report Attachment Checklist</u> : 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 must be notified 2 days prior to liner inspection)	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	C District office must be notified 2 days prior to final sampling)		
Description of remediation activities			
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in		
Printed Name:	Title:		
Signature:	Date:		
email:	Telephone:		
OCD Only			
Received by:	Date:		
	Date		
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.		
Closure Approved by:	Date:		
Printed Name:			

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	nAPP2120237986
District RP	
Facility ID	
Application ID	

# **Release Notification**

## **Responsible Party**

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

## **Location of Release Source**

Latitude <u>33.45917</u>

Longitude -103.44464

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Taco AUK State #3 Battery	Site Type Battery
Date Release Discovered 7/17/2021	API# (if applicable) 30-025-38288

Unit Letter	Section	Township	Range	County
Ι	10	10S	34E	Lea

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)			
Crude Oil	Volume Released (bbls) 14	Volume Recovered (bbls) 11	
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)	
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No	
Condensate	Volume Released (bbls)	Volume Recovered (bbls)	
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)	
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)	
Cause of Release 500 bbl oil tank developed a pin hole which allowed for the release to occur within the lined and bermed tank battery.			

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

## **Initial Response**

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

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

 $\checkmark$  The impacted area has been secured to protect human health and the environment.

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

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

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

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

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

Printed Name: Chase Settle	Title: Rep Safety & Environmental Sr
Signature: Chan Settle	Date: 07/21/2021
email: Chase_Settle@eogresources.com	Telephone: 575-748-1471
OCD Only	
Received by: Ramona Marcus	Date: 7/26/2021

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Oil Conservation Division

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

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

Characterization Report Checklist: Each	of the following	g items must be included	l 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.

Received by OCD: 12/16/2	2021810:46:16 AM State of New Mexico	Page 32 of 95
ronn <del>C-14</del> 1		Incident ID
Page 4	Oil Conservation Division	District RP
		Facility ID
		Application ID
regulations all operators are public health or the environ failed to adequately investig	e required to report and/or file certain release notification iment. The acceptance of a C-141 report by the OCD digate and remediate contamination that pose a threat to g	of my knowledge and understand that pursuant to OCD rules and ons and perform corrective actions for releases which may endanger loes not relieve the operator of liability should their operations have groundwater, surface water, human health or the environment. In nsibility for compliance with any other federal, state, or local laws
Printed Name:	Title	e:
Signature:	Dat	e:
email:	Tele	ephone:
OCD Only Received by:		Date:

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Oil Conservation Division

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

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Application ID	

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# **Remediation Plan**

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

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# Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. A scaled site and sampling diagram as described in 19.15.29.11 NMAC Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) Description of remediation activities I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. 
 Printed Name:
 \_\_\_\_\_\_

 Title:
 \_\_\_\_\_\_
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ email: Telephone: **OCD Only** Received by: Date: Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_ Printed Name: \_\_\_\_\_ Title:

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
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EOG RESOURCES INC 7377	
P.O. Box 2267 Action Number:	
Midland, TX 79702 37361	
Action Type:	
[C-141] Release Corrective Action (C-141)	

#### CONDITIONS

Created By	Condition	Condition Date
rmarcus	None	7/26/2021

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Action 37361

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Oil Conservation Division

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Incident ID	nAPP2120237986
District RP	
Facility ID	
Application ID	

# Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. A scaled site and sampling diagram as described in 19.15.29.11 NMAC A 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) I Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) X 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. \_\_\_\_\_\_ <sub>Title:</sub> Rep Safety & Environmental Sr Printed Name: Chase Settle Signature: Chase Settle Date: \_ 12/15/2021 Telephone: 575-748-1471 email: Chase\_Settle@eogresources.com **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:



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# **APPENDIX IV**

# PHOTOGRAPHIC DOCUMENTATION

**Released to Imaging: 1/12/2022 9:15:59 AM** 



Closure Report EOG Resources, Taco AUK State #3



Photograph No.1 Description: Source area following tank removal



Impacted area under tank



Photograph No.3 Description: Hydrovac cleaned rock shelf 13' bgs



Photograph No.4 Description: Remediated area backfilled to grade



# **APPENDIX V**

# LABORATORY REPORTS



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

August 09, 2021

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

OrderNo.: 2107G14

RE: Taco Auk

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 2 sample(s) on 7/31/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107G14

Date Reported: 8/9/2021

CLIENT: Talon Artesia Project: Taco Auk	Client Sample ID: S-1 0-1' Collection Date: 7/30/2021 11:46:00 AM										
Lab ID: 2107G14-001	Matrix: SOIL	<b>Received Date:</b> 7/31/2021 8:20:00 AM									
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS						Analyst	: VP				
Chloride	510	59		mg/Kg	20	8/4/2021 7:06:08 PM	61774				
EPA METHOD 8015M/D: DIESEL RANG	<b>SE ORGANICS</b>					Analyst	SB				
Diesel Range Organics (DRO)	22000	450		mg/Kg	50	8/5/2021 5:25:16 PM	61711				
Motor Oil Range Organics (MRO)	6800	2300		mg/Kg	50	8/5/2021 5:25:16 PM	61711				
Surr: DNOP	0	70-130	S	%Rec	50	8/5/2021 5:25:16 PM	61711				
EPA METHOD 8015D: GASOLINE RAN	GE					Analyst	: NSB				
Gasoline Range Organics (GRO)	2000	250		mg/Kg	50	8/3/2021 12:55:15 PM	61694				
Surr: BFB	312	70-130	S	%Rec	50	8/3/2021 12:55:15 PM	61694				
EPA METHOD 8021B: VOLATILES						Analyst	: NSB				
Benzene	ND	1.2		mg/Kg	50	8/3/2021 12:55:15 PM	61694				
Toluene	5.3	2.5		mg/Kg	50	8/3/2021 12:55:15 PM	61694				
Ethylbenzene	ND	2.5		mg/Kg	50	8/3/2021 12:55:15 PM	61694				
Xylenes, Total	82	4.9		mg/Kg	50	8/3/2021 12:55:15 PM	61694				
Surr: 4-Bromofluorobenzene	118	70-130		%Rec	50	8/3/2021 12:55:15 PM	61694				

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

**Qualifiers:** 

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

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

Page 1 of 6

**Analytical Report** 

# Hall Environmental Analysis Laboratory, Inc.

Lab Order 2107G14

Date Reported: 8/9/2021

CLIENT: Talon Artesia		Cl	ient S	ample II	D: S-	1 2'R					
Project: Taco Auk		(	Collec	tion Dat	<b>e:</b> 7/3	30/2021 11:49:00 AM					
Lab ID: 2107G14-002	Matrix: SOIL	<b>Received Date:</b> 7/31/2021 8:20:00 AM									
Analyses	Result	RL	<b>RL Qual Units</b>		DF	Batch					
EPA METHOD 300.0: ANIONS						Analys	t: VP				
Chloride	840	60		mg/Kg	20	8/4/2021 7:18:33 PM	61774				
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS					Analys	t: <b>SB</b>				
Diesel Range Organics (DRO)	22000	420		mg/Kg	50	8/5/2021 5:50:10 PM	61711				
Motor Oil Range Organics (MRO)	6900	2100		mg/Kg	50	8/5/2021 5:50:10 PM	61711				
Surr: DNOP	0	70-130	S	%Rec	50	8/5/2021 5:50:10 PM	61711				
EPA METHOD 8015D: GASOLINE RAM	IGE					Analys	t: NSB				
Gasoline Range Organics (GRO)	2500	98		mg/Kg	20	8/3/2021 1:42:30 PM	61694				
Surr: BFB	644	70-130	S	%Rec	20	8/3/2021 1:42:30 PM	61694				
EPA METHOD 8021B: VOLATILES						Analys	t: NSB				
Benzene	1.4	0.49		mg/Kg	20	8/3/2021 1:42:30 PM	61694				
Toluene	33	0.98		mg/Kg	20	8/3/2021 1:42:30 PM	61694				
Ethylbenzene	27	0.98		mg/Kg	20	8/3/2021 1:42:30 PM	61694				
Xylenes, Total	130	2.0		mg/Kg	20	8/3/2021 1:42:30 PM	61694				
Surr: 4-Bromofluorobenzene	161	70-130	S	%Rec	20	8/3/2021 1:42:30 PM	61694				

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

**Qualifiers:** 

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

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

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Client: Project:	Talon Art Taco Auk										
Sample ID: MI	B-61774	Samp	Гуре: <b>М</b> І	BLK	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID: PE	BS	Batc	h ID: 61	774	F	RunNo: <b>80</b>	0305				
Prep Date: 8	6/4/2021	Analysis [	Date: 8	4/2021	S	SeqNo: 28	329495	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID: LC	CS-61774	Samp	Гуре: <b>LC</b>	s	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID: LC	css	Batc	h ID: 61	774	F	RunNo: <b>8(</b>	0305				
Prep Date: 8	8/4/2021	Analysis [	Date: 8	/4/2021	S	SeqNo: 28	329496	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	95.7	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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

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WO#: 2107G14 09-Aug-21

WO#:	2107G14
	09-Aug-21

Client: Project:	Talon Arte Taco Auk										
Sample ID:	MB-61741	SampTyp	be: ME	BLK	Tes	Code: EF	A Method	8015M/D: Die	sel Range	e Organics	
Client ID:	PBS	Batch I	D: 61	741	R	unNo: <b>80</b>	306				
Prep Date:	8/3/2021	Analysis Dat	:e: <b>8/</b>	4/2021	S	eqNo: 28	829078	Units: %Rec	:		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		9.2		10.00		92.2	70	130			
Sample ID:	LCS-61741	SampTyp	be: LC	s	Test	Code: EF	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	LCSS	Batch I	D: 61	741	R	unNo: <b>80</b>	306				
Prep Date:	8/3/2021	Analysis Dat	ie: <b>8/</b>	4/2021	S	eqNo: 28	329100	Units: %Rec	:		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		4.7		5.000		93.6	70	130			
Sample ID:	MB-61711	SampTyp	be: ME	BLK	Tes	Code: EF	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	PBS	Batch I	D: 61	711	R	unNo: <b>80</b>	306				
Prep Date:	8/2/2021	Analysis Dat	ie: <b>8/</b>	4/2021	S	eqNo: 28	329163	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC					
Diesel Range (					SFR Rei Vai	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
•	Organics (DRO)	ND	10	Of IC value	SFR Rei Vai	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
•	Organics (DRO) e Organics (MRO)	ND ND 8.3	10 50	10.00	SFR Rei Vai	83.4	LowLimit 70	HighLimit 130	%RPD	RPDLimit	Qual
Motor Oil Rang Surr: DNOP	• • •	ND	50	10.00		83.4	70	Ŭ			Qual
Motor Oil Rang Surr: DNOP	e Organics (MRO)	ND 8.3	50 De: LC	10.00	Tes	83.4	70 PA Method	130			Qual
Motor Oil Rang Surr: DNOP Sample ID:	e Organics (MRO) LCS-61711 LCSS	ND 8.3 SampTyp	50 De: LC D: 61	10.00 :S 711	Tesi	83.4 Code: <b>EF</b>	70 PA Method 0306	130	sel Range		Qual
Motor Oil Rang Surr: DNOP Sample ID: Client ID:	e Organics (MRO) LCS-61711 LCSS	ND 8.3 SampTyp Batch I Analysis Dat	50 De: LC D: 61	10.00 S 711 4/2021	Tesi	83.4 Code: EF JunNo: 80 GeqNo: 28	70 PA Method 0306	130 8015M/D: Die	sel Range		Qual
Motor Oil Rang Surr: DNOP Sample ID: Client ID: Prep Date: Analyte	e Organics (MRO) LCS-61711 LCSS	ND 8.3 SampTyp Batch I Analysis Dat	50 De: LC D: 61 te: 8/	10.00 S 711 4/2021	Tesi R S	83.4 Code: EF JunNo: 80 GeqNo: 28	70 PA Method 0306 0329164	130 8015M/D: Die Units: mg/K	sel Range g	e Organics	

#### Qualifiers:

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

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

Client:	Talon Art										
Project:	Taco Auk	2									
Sample ID: I	mb-61694	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: I	PBS	Batc	h ID: 61	694	F	RunNo: <b>8</b>	0282				
Prep Date:	7/31/2021	Analysis [	Date: 8/	3/2021	S	SeqNo: 2	828195	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	Organics (GRO)	ND	5.0								
Surr: BFB		1100		1000		114	70	130			
Sample ID: I	lcs-61694	Samp	Гуре: <b>LC</b>	s	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: I	LCSS	Batc	h ID: 61	694	F	RunNo: <b>8</b>	0282				
Prep Date:	7/31/2021	Analysis E	Date: 8/	3/2021	S	SeqNo: 2	828196	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	Organics (GRO)	28	5.0	25.00	0	114	78.6	131			
Surr: BFB		1300		1000		126	70	130			

Qualifiers:

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

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

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

Page 5 of 6

2107G14

09-Aug-21

Talon Artesia

**Client:** 

# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

	, ,									
Project: Taco A	Auk									
Sample ID: mb-61694	SampT	уре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batch	n ID: 61	694	F	RunNo: <b>8</b>	0282				
Prep Date: 7/31/2021	Analysis D	0ate: <b>8/</b>	3/2021	S	SeqNo: 2	828239	Units: mg/K	٤g		
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-61694	SampT	ype: LC	S	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: LCSS	Batch	n ID: 61	694	F	RunNo: <b>8</b>	0282				
Prep Date: 7/31/2021	Analysis D	Date: <b>8/</b>	3/2021	S	SeqNo: 2	828240	Units: mg/K	٤g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.0	80	120			
Toluene	0.92	0.050	1.000	0	91.9	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.6	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.1	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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

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WO#:	2107G14

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HALL HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Albi TEL: 505-345-3975 Website: clients.ha	4901 Hawk uquerque, NM FAX: 505-34.	cins NE 87109 <b>Sa</b> 5-4107	ample Log-In Check List	Page 47
Client Name: Talon Artesia	Work Order Number:	2107G14		RcptNo: 1	
Received By: Juan Rojas	7/31/2021 8:20:00 AM		Guaran	Ly	
Completed By: Desiree Dominguez	7/31/2021 9:52:13 AM		Juanan		
Reviewed By: DAD 7/31/21				2	
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		
4. Were all samples received at a temperature of	f >0° C to 6.0°C	Yes 🗹	No 🗌		
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 🔽	# of preserved	
11. Does paperwork match bottle labels?		Yes 🗹	No 🗌	bottles checked for pH:	_
(Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of C	unterdu?	Yes 🖌	No 🗌	(<2 or >12 unless-note Adjusted?	a)
13. Is it clear what analyses were requested?	usiouy?	Yes ⊻ Yes ✓			1
14. Were all holding times able to be met?		Yes 🗹	No 🗌	10-101	21
(If no, notify customer for authorization.)				Jeffor	121
Special Handling (if applicable)					
15. Was client notified of all discrepancies with the	is order?	Yes	No 🗌	NA 🗹	
Person Notified:	Date:			and -	
By Whom:	Via:	eMail	Phone 🗌 F	ax 🗌 In Person	
Regarding: Client Instructions:					
16. Additional remarks:					
17. <u>Cooler Information</u> Cooler No Temp <sup>o</sup> C Condition Se	al Intact Seal No S	seal Date	Signed By		
1 2.5 Good			eigned by		

Page 1 of 1

Received by OCD: 12/16/	/2021 ]	0:46:16 AM	1											Pag	<del>e 48 of</del> 95
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HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com kins NE - Albuquerque, NM 87109						-	_	+		-	++				renort
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Chain-of-Custody Record : T <sub>a la</sub> トタビ ig Address: 0, ドー		Fax# ackaç lard	C (Type	Time	94:11	11:49					1			Time:	$\frac{1}{1600} \frac{1}{2000} \frac{1}{2000} \frac{1}{2000} \frac{1}{2000} \frac{1}{1} \frac{1}{$
Client: رام (م) Mailing Address:	Phone #:	email or Fax#: QA/QC Package: Standard	Accreditation: <ul> <li>NELAC</li> <li>EDD (Type)</li> </ul>	4	7139/21	12/02/7			1	97 1971   1971				- 11-	3
≝   ≝   Released to Imaging: 1/1	Ĕ  2/202			Date	713	7/3							, L	130 M	08/1



October 15, 2021

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

OrderNo.: 2110550

RE: Taco AUK State 3

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 2 sample(s) on 10/12/2021 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,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

**Analytical Report** 

# Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110550

Date Reported: 10/15/2021

CLIENT	: Talon Artesia	(	Client Sample ID: S-1 4'
<b>Project:</b>	Taco AUK State 3		Collection Date: 10/8/2021 12:30:00 PM
Lab ID:	2110550-001	Matrix: MEOH (SOIL)	Received Date: 10/12/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: VP
Chloride	ND	60		mg/Kg	20	10/13/2021 12:22:01 P	M 63238
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS					Analys	t: <b>SB</b>
Diesel Range Organics (DRO)	17000	970		mg/Kg	100	10/13/2021 5:07:09 PM	/ 63241
Motor Oil Range Organics (MRO)	6500	4800		mg/Kg	100	10/13/2021 5:07:09 PM	/ 63241
Surr: DNOP	0	70-130	S	%Rec	100	10/13/2021 5:07:09 PM	1 63241
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: NSB
Gasoline Range Organics (GRO)	1200	54		mg/Kg	20	10/12/2021 9:38:43 AM	/ G81976
Surr: BFB	497	70-130	S	%Rec	20	10/12/2021 9:38:43 AM	/ G81976
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	0.69	0.27		mg/Kg	20	10/12/2021 9:38:43 AM	A B81976
Toluene	15	0.54		mg/Kg	20	10/12/2021 9:38:43 AN	/I B81976
Ethylbenzene	13	0.54		mg/Kg	20	10/12/2021 9:38:43 AN	/I B81976
Xylenes, Total	66	1.1		mg/Kg	20	10/12/2021 9:38:43 AM	/I B81976
Surr: 4-Bromofluorobenzene	139	70-130	S	%Rec	20	10/12/2021 9:38:43 AM	A B81976

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

**Qualifiers:** 

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

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

Page 1 of 6

**Analytical Report** 

Hall Environment	al Analysis	Laboratory, Inc.
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Lab Order 2110550

Date Reported: 10/15/2021

CLIENT	: Talon Artesia	Client Sample ID: S-1 5'	
<b>Project:</b>	Taco AUK State 3	<b>Collection Date:</b> 10/8/2021 12:45	5:00 PM
Lab ID:	2110550-002	<b>Matrix:</b> MEOH (SOIL) <b>Received Date:</b> 10/12/2021 7:30	):00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	VP
Chloride	ND	60		mg/Kg	20	10/13/2021 12:34:25 PM	63238
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst:	SB
Diesel Range Organics (DRO)	9700	98		mg/Kg	10	10/14/2021 10:33:16 AM	63241
Motor Oil Range Organics (MRO)	3500	490		mg/Kg	10	10/14/2021 10:33:16 AM	63241
Surr: DNOP	0	70-130	S	%Rec	10	10/14/2021 10:33:16 AM	63241
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	NSB
Gasoline Range Organics (GRO)	1800	67		mg/Kg	20	10/12/2021 10:02:09 AM	G81976
Surr: BFB	566	70-130	S	%Rec	20	10/12/2021 10:02:09 AM	G81976
EPA METHOD 8021B: VOLATILES						Analyst:	NSB
Benzene	1.2	0.33		mg/Kg	20	10/12/2021 10:02:09 AM	B81976
Toluene	23	0.67		mg/Kg	20	10/12/2021 10:02:09 AM	B81976
Ethylbenzene	20	0.67		mg/Kg	20	10/12/2021 10:02:09 AM	I B81976
Xylenes, Total	72	1.3		mg/Kg	20	10/12/2021 10:02:09 AM	B81976
Surr: 4-Bromofluorobenzene	139	70-130	S	%Rec	20	10/12/2021 10:02:09 AM	B81976

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

**Qualifiers:** 

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

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

Page 2 of 6

Client: Project:	Talon . Taco A	Artesia AUK State 3							
Sample ID:	MB-63238	SampType	MBLK	Tes	tCode: EPA Method	300.0: Anion	5		
Client ID:	PBS	Batch ID:	63238	F	RunNo: <b>81995</b>				
Prep Date:	10/12/2021	Analysis Date:	10/13/2021	S	SeqNo: 2904599	Units: <b>mg/K</b>	g		
Analyte		Result P	QL SPK value	SPK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5						
Sample ID:	LCS-63238	SampType	LCS	Tes	tCode: EPA Method	300.0: Anion	5		
Client ID:	LCSS	Batch ID:	63238	F	RunNo: <b>81995</b>				
Prep Date:	10/12/2021	Analysis Date:	10/13/2021	S	SeqNo: <b>2904600</b>	Units: <b>mg/K</b>	g		
Analyte		Result P	QL SPK value	SPK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5 15.00	0	95.4 90	110			

Qualifiers:

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

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

Page 3 of 6

2110550

15-Oct-21

Client: Talon A	rtesia									
Project: Taco Al	UK State 3									
Sample ID: LCS-63241	Samp	Гуре: <b>LC</b>	s	Test	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batc	h ID: 63	241	R	unNo: <b>8</b> 2	2009				
Prep Date: 10/12/2021	Analysis [	Date: 1	0/13/2021	S	eqNo: 2	905141	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.0	68.9	135			
Surr: DNOP	5.0		5.000		100	70	130			
Sample ID: MB-63241	Samp	Гуре: М	BLK	Test	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batc	h ID: 63	241	R	tunNo: <b>8</b> 2	2009				
Prep Date: 10/12/2021	Analysis [	Date: 1	0/13/2021	S	eqNo: 2	905145	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								

Qualifiers:

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

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

Page 4 of 6

2110550

15-Oct-21

Client:	Talon Artesia									
Project:	Taco AUK State	3								
Sample ID: mb	Sam	рТуре: <b>М</b>	BLK	Tes	Code: EF	PA Method	8015D: Gasol	ine Rang	e	
Client ID: PBS	Ba	tch ID: G	81976	F	unNo: <b>8</b> 1	1976				
Prep Date:	Analysis	Date: 1	0/12/2021	S	eqNo: 29	902810	Units: mg/Kg	J		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organi	cs (GRO) ND	5.0								
Surr: BFB	990		1000		99.1	70	130			
Sample ID: 2.5ug	grolcs Sam	pType: <b>L(</b>	CS	Tes	Code: EF	PA Method	8015D: Gasol	ine Rang	e	
Client ID: LCSS	Ba	tch ID: G	81976	F	unNo: <b>8</b> 1	1976				
Prep Date:	Analysis	a Date: 1	0/12/2021	S	eqNo: 29	902811	Units: mg/Kg	J		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organi	cs (GRO) 26	5.0	25.00	0	104	78.6	131			
Surr: BFB	1100		1000		108	70	130			
Sample ID: mb-63	212 Sam	рТуре: <b>М</b>	BLK	Tes	Code: EF	PA Method	8015D: Gasol	ine Rang	e	
Client ID: PBS	Ba	tch ID: 63	212	F	unNo: 81	1976				
Prep Date: 10/11	/2021 Analysis	Date: 1	0/12/2021	S	eqNo: 29	902815	Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	940		1000		94.3	70	130			
Sample ID: Ics-63	212 Sam	рТуре: <b>L(</b>	CS	Tes	Code: EF	PA Method	8015D: Gasol	ine Rang	e	
Client ID: LCSS	Ba	tch ID: 63	3212	F	unNo: <b>8</b> 1	1976				
Prep Date: 10/11	/2021 Analysis	Date: 1	0/12/2021	S	eqNo: 29	902816	Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		107	70	130			

Qualifiers:

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

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

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2110550

15-Oct-21

Client: Project:	Talon Artesia Taco AUK State 3									
Sample ID: mb	Samp	Туре: МВ	LK	Tes	tCode: EF	PA Method	8021B: Volati	iles		
Client ID: PBS	Bate	ch ID: <b>B8</b> 1	976	F	unNo: 8	1976				
Prep Date:	Analysis	Date: 10	/12/2021	S	eqNo: 2	902857	Units: mg/K	a		
					•		•	•		0
Analyte	Result ND	PQL 0.025	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND									
Toluene	ND	0.050 0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total Surr: 4-Bromofluorob		0.10	1.000		87.1	70	130			
	0.07		1.000		07.1	70	130			
Sample ID: 100ng	btex lcs Samp	Type: LC	5	Tes	tCode: EF	PA Method	8021B: Volati	iles		
Client ID: LCSS	Bate	ch ID: <b>B8</b> 1	976	F	unNo: 8	1976				
Prep Date:	Analysis	Date: 10	/12/2021	S	eqNo: 2	902858	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.1	80	120			
Toluene	0.94	0.050	1.000	0	94.4	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.8	80	120			
Surr: 4-Bromofluorob	enzene 0.88		1.000		87.8	70	130			
Sample ID: mb-63	<b>212</b> Samp	Туре: МВ	LK	Tes	tCode: EF	PA Method	8021B: Volati	iles		
Client ID: PBS	Bate	ch ID: 632	12	F	unNo: 8	1976				
Prep Date: 10/11	/2021 Analysis	Date: 10	/12/2021	S	eqNo: 2	902862	Units: %Rec	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorob	enzene 0.85		1.000		84.5	70	130			
Sample ID: LCS-6	<b>3212</b> Samp	Type: LCS	8	Tes	tCode: EF	PA Method	8021B: Volati	iles		
Client ID: LCSS	Bate	ch ID: 632	12	F	unNo: <b>8</b> ′	1976				
Prep Date: 10/11	/2021 Analysis	Date: 10	/12/2021	S	eqNo: 2	902863	Units: %Rec	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorob	enzene 0.88		1.000		88.0	70	130			

Qualifiers:

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

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

RL Reporting Limit

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2110550

15-Oct-21

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Page	30	U	193

	RONMENTAL YSIS RATORY	TE	EL: 505-345	ental Analysis La 4901 Hav Albuquerque, N. 3975 FAX: 505-3 ts.hallenvironme	wkins NE M 87109 45-4107	Sar	nple Log-In Check List
Client Name:	Talon Artesia	Work	Corder Num	nber: 2110550			RcptNo: 1
Received By:	Cheyenne Case	on 10/12/2	2021 7:30:0	0 AM	Ches	l	- sat-
Completed By:	Sean Livingsto	n 10/12/2	2021 8:08:0	5 AM	<	. /	
Reviewed By:	TO	10/12	121		_		180-
Chain of Cus	stody						
1. Is Chain of C	ustody complete?			Yes 🗹	N	o 🗌	Not Present
2. How was the	sample delivered?			Courier			
Log In 3. Was an atter	npt made to cool th	e samples?		Yes 🗸	N	o 🗌	
	,						
4. Were all sam	ples received at a t	emperature of >0° C	to 6.0°C	Yes 🖌	N	•	NA 🗌
5. Sample(s) in	proper container(s	)?		Yes 🖌	N	o 🗆	
6. Sufficient san	ple volume for ind	icated test(s)?		Yes 🗹	No		
7. Are samples	except VOA and C	NG) properly preserv	ed?	Yes 🖌	No		
8. Was preserva	tive added to bottle	es?		Yes 🗌	No		NA 🗌
9. Received at le	east 1 vial with hea	dspace <1/4" for AQ \	VOA?	Yes 🗌	No		NA 🗹
0. Were any sar	mple containers rec	eived broken?		Yes	N	•	# of processed
	ork match bottle lat			Yes 🖌	No		# of preserved bottles checked for pH:
	ancies on chain of	custody) on Chain of Custody?		Yes 🗹	No		(<2 or >12 unless note Adjusted?
	t analyses were rea	Services - Constant Representation Constant - Constant of the Constant - Constant of the Const		Yes ♥ Yes ♥	No		
	ng times able to be			Yes 🗹			Checked by: JA 10/12
	ustomer for authori						
	ing (if applica						
15. Was client no	otified of all discrep	ancies with this order	?	Yes 🗌	N	o 🗌	NA 🗹
Person	Notified:		Date	:			
By Who	om:		Via:	eMail	] Phone [	Fax	In Person
Regard	1						
L	nstructions:						
16. Additional re	marks:						
17. <u>Cooler Infor</u>	1			nagenn <u>s</u> onata a		5 <u>1</u> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	÷.
Cooler No	Temp °C Co 1.9 Good	ndition Seal Intact	Seal No	Seal Date	Signed	і Ву	

	ANALL ENVIRONMENTAL		4901 Hawkins NF - Alburuerune NM 87100	Tel. 505-345-3975 Eax 505-345-4107	Analysis Request																11 Jirect to EDG	Pt		contracted data will be clearly notated on the analytical report.
			4901 F	Tel. 5(				U	Ξ -	ı C			лшх И		××						Ivelliarks. B. (/			Any sub-
										CLISSO	1428270		⊢цт	-	×									oossibility.
Turn-Around Time: 2. 0au	□ Standard Kush 10/13/2021		Taco AUK State #3 (Taco)	Project #: 700438.266.01		Project Manager: R. Pons			Ľ	On Ice: 🔉 Yes 🗆 No	# of Coolers: (	Cooler Temp(including CF): 1. 8 4 0.1 219	Type and # Type	Glass Jar Ice/Cool						Received hv. Via: Date Time	Shi re/injoi unn	Received by: Via: U Date Time	we courier lolize 0730	If necessary, samples submitted to Hall EnvNonmental 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.
Chain-of-Custody Record	LPE		ss: 408 W. Texas Ave	88210	575.746.8768			Level 4 (Full Validation)	Az Compliance	Other			Matrix Sample Name	Soil S-1 4'	Soil S-1 5'					Relinauished by:	Ame has	Relinquished by:	allumo	ry, samples submitted to Hall Environmental may be subcon
	Client: Talon LPE	to Ii	Mailing Address:	Artesia, NM	Phone #:	email or Fax#:	GA/QC Package:	□ Standard			□ EDD (Type)		Date Time	10/8/2021 12:30	10/8/2021 12:45					Date; Time:	6	Date: Time:	10 m	If necessar

Received by OCD: 12/16/2021 10:46:16 AM



November 02, 2021

Rebecca Pons Talon Artesia 408 West Texas Ave Artesia, NM 88210 TEL: (575) 441-0980 FAX:

RE: Taco AUK St 3 Battery Taco AUK

OrderNo.: 2110A68

Hall Environmental Analysis Laboratory

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

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 21 sample(s) on 10/22/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Date Reported: 11/2/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Project: Taco AUK St 3 Battery Taco AU	IK	Client Sample ID: B-1 1' Collection Date: 10/20/2021 10:40:00 AM											
Lab ID: 2110A68-001	Matrix: SOIL	<b>Received Date:</b> 10/22/2021 7:15:00 AM											
Analyses	Result	RL	Qual Units	DF	Date Analyzed Batcl								
EPA METHOD 300.0: ANIONS					Analyst: MRA								
Chloride	ND	61	mg/Kg	20	10/26/2021 4:36:22 PM 63563								
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: SB								
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/25/2021 10:21:12 PM 63516								
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/25/2021 10:21:12 PM 63516								
Surr: DNOP	84.9	70-130	%Rec	1	10/25/2021 10:21:12 PM 63516								
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst: NSB								
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/27/2021 11:53:13 AM 63508								
Surr: BFB	104	70-130	%Rec	1	10/27/2021 11:53:13 AM 63508								
EPA METHOD 8021B: VOLATILES					Analyst: NSB								
Benzene	ND	0.024	mg/Kg	1	10/27/2021 11:53:13 AM 63508								
Toluene	ND	0.049	mg/Kg	1	10/27/2021 11:53:13 AM 63508								
Ethylbenzene	ND	0.049	mg/Kg	1	10/27/2021 11:53:13 AM 63508								
Xylenes, Total	ND	0.097	mg/Kg	1	10/27/2021 11:53:13 AM 63508								
Surr: 4-Bromofluorobenzene	88.9	70-130	%Rec	1	10/27/2021 11:53:13 AM 63508								

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

Qualifiers:

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

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

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Date Reported: 11/2/2021

10/27/2021 12:35:00 AM 63509

10/27/2021 12:35:00 AM 63509

## Hall Environmental Analysis Laboratory, Inc.

· · ·	U,				
CLIENT: Talon Artesia		Cli	ient Sample II	<b>D:</b> B-	1 2'
<b>Project:</b> Taco AUK St 3 Battery Taco	AUK	0	Collection Dat	<b>e:</b> 10	/20/2021 10:42:00 AM
Lab ID: 2110A68-002	Matrix: SOIL		<b>Received</b> Dat	<b>e:</b> 10	/22/2021 7:15:00 AM
Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	60	mg/Kg	20	10/26/2021 4:48:43 PM 63563
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	10/26/2021 7:09:17 PM 63521
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/26/2021 7:09:17 PM 63521
Surr: DNOP	101	70-130	%Rec	1	10/26/2021 7:09:17 PM 63521
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/27/2021 12:35:00 AM 63509
Surr: BFB	95.9	70-130	%Rec	1	10/27/2021 12:35:00 AM 63509
EPA METHOD 8021B: VOLATILES					Analyst: <b>mb</b>
Benzene	ND	0.025	mg/Kg	1	10/27/2021 12:35:00 AM 63509
Toluene	ND	0.049	mg/Kg	1	10/27/2021 12:35:00 AM 63509
Ethylbenzene	ND	0.049	mg/Kg	1	10/27/2021 12:35:00 AM 63509

ND

93.8

0.099

70-130

mg/Kg

%Rec

1

1

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

**Qualifiers:** 

Xylenes, Total

Surr: 4-Bromofluorobenzene

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

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

RL Reporting Limit

Page 2 of 29

Date Reported: 11/2/2021

### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-1 3' **CLIENT:** Talon Artesia **Project:** Taco AUK St 3 Battery Taco AUK Collection Date: 10/20/2021 10:44:00 AM Lab ID: 2110A68-003 Matrix: SOIL Received Date: 10/22/2021 7:15:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 60 mg/Kg 20 10/26/2021 5:25:48 PM 63563 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB **Diesel Range Organics (DRO)** ND 9.8 mg/Kg 1 10/26/2021 7:20:13 PM 63521 Motor Oil Range Organics (MRO) ND 10/26/2021 7:20:13 PM 63521 49 mg/Kg 1 Surr: DNOP 91.2 70-130 %Rec 1 10/26/2021 7:20:13 PM 63521 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: mb 10/27/2021 1:33:00 AM 63509 Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 Surr: BFB 98.3 %Rec 10/27/2021 1:33:00 AM 63509 70-130 1 FPA METHOD 8021B: VOLATILES Analyst: mb в 0/27/2021 1:33:00 AM 63509

LFA WETHOD WIZTD. VOLATILLS					Analyst. I	
Benzene	ND	0.025	mg/Kg	1	10/27/2021 1:33:00 AM 6	63509
Toluene	ND	0.049	mg/Kg	1	10/27/2021 1:33:00 AM 6	63509
Ethylbenzene	ND	0.049	mg/Kg	1	10/27/2021 1:33:00 AM 6	63509
Xylenes, Total	ND	0.099	mg/Kg	1	10/27/2021 1:33:00 AM 6	63509
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	10/27/2021 1:33:00 AM 6	63509

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

**Qualifiers:** 

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

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

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Date Reported: 11/2/2021

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia		Clie	nt Samula II	<b>).</b> D	1 4'				
		Client Sample ID: B-1 4'							
<b>Project:</b> Taco AUK St 3 Battery Taco	AUK	Co	llection Dat	<b>e:</b> 10,	/20/2021 10:46:00 AM				
Lab ID: 2110A68-004	Matrix: SOIL	Matrix: SOIL Received Date: 10/22/2021 7							
Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analyst:	MRA			
Chloride	ND	60	mg/Kg	20	10/26/2021 3:18:02 PM	63576			
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst:	SB			
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/26/2021 7:31:09 PM	63521			
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/26/2021 7:31:09 PM	63521			
Surr: DNOP	103	70-130	%Rec	1	10/26/2021 7:31:09 PM	63521			
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst:	mb			
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/27/2021 3:11:00 AM	63509			
Surr: BFB	93.3	70-130	%Rec	1	10/27/2021 3:11:00 AM	63509			
EPA METHOD 8021B: VOLATILES					Analyst	mb			
Benzene	ND	0.024	mg/Kg	1	10/27/2021 3:11:00 AM	63509			

Toluene ND 0.048 mg/Kg 1 10/27/2021 3:11:00 AM 63509 Ethylbenzene ND 0.048 mg/Kg 1 10/27/2021 3:11:00 AM 63509 Xylenes, Total ND 0.097 mg/Kg 1 10/27/2021 3:11:00 AM 63509 Surr: 4-Bromofluorobenzene 70-130 10/27/2021 3:11:00 AM 63509 98.5 %Rec 1

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

Qualifiers:

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

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

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### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 11/2/2021 Client Sample ID: B-2 6' **CLIENT:** Talon Artesia **Project:** Taco AUK St 3 Battery Taco AUK Collection Date: 10/20/2021 11:10:00 AM Lab ID: 2110A68-005 Matrix: SOIL Received Date: 10/22/2021 7:15:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyses Analyst: MRA **EPA METHOD 300.0: ANIONS** Chloride ND 60 mg/Kg 20 10/26/2021 3:30:27 PM 63576 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB **Diesel Range Organics (DRO)** 7700 190 mg/Kg 20 10/27/2021 8:25:15 PM 63521 4100 950 20 Motor Oil Range Organics (MRO) mg/Kg 10/27/2021 8:25:15 PM 63521 Surr: DNOP 0 70-130 S %Rec 20 10/27/2021 8:25:15 PM 63521 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: mb 10/27/2021 3:30:00 AM 63509 Gasoline Range Organics (GRO) 710 20 94 mg/Kg Surr: BFB 194 70-130 S 20 10/27/2021 3:30:00 AM 63509 %Rec **EPA METHOD 8021B: VOLATILES** Analyst: mb ND 10/27/2021 3:30:00 AM 63509 Benzene 0.47 mg/Kg 20 Toluene 4.3 0.94 mg/Kg 20 10/27/2021 3:30:00 AM 63509

3.8

19

146

0.94

1.9

S

70-130

mg/Kg

mg/Kg

%Rec

20

20 20 10/27/2021 3:30:00 AM 63509

10/27/2021 3:30:00 AM 63509

10/27/2021 3:30:00 AM 63509

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

**Qualifiers:** 

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

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

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

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Surr: 4-Bromofluorobenzene

**Analytical Report** Lab Order 2110A68

20 10/27/2021 3:50:00 AM 63509

# Hall Environmental Analysis Laboratory, Inc.

Hall E	nvironmental Anal	ysis Laboratory, l	Inc.				Date Reported: 11/2/202	21
CLIENT	: Talon Artesia		Client Sample ID: B-2 8'					
<b>Project:</b> Taco AUK St 3 Battery Taco AUK			(	Collect	tion Dat	e: 10	/20/2021 11:12:00 AM	[
Lab ID:	2110A68-006	Matrix: SOIL		Recei	ved Dat	e: 10	/22/2021 7:15:00 AM	
Analyses	5	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA ME	THOD 8015M/D: DIESEL RA	ANGE ORGANICS					Analyst	SB
Diesel F	Range Organics (DRO)	10000	170		mg/Kg	20	10/27/2021 8:48:58 PM	63521
Motor O	il Range Organics (MRO)	4500	870		mg/Kg	20	10/27/2021 8:48:58 PM	63521
Surr:	DNOP	0	70-130	S	%Rec	20	10/27/2021 8:48:58 PM	63521
EPA ME	THOD 8015D: GASOLINE R	ANGE					Analyst	: mb
Gasolin	e Range Organics (GRO)	860	97		mg/Kg	20	10/27/2021 3:50:00 AM	63509
Surr:	BFB	219	70-130	S	%Rec	20	10/27/2021 3:50:00 AM	63509
EPA ME	THOD 8021B: VOLATILES						Analyst	: mb
Benzen	e	ND	0.48		mg/Kg	20	10/27/2021 3:50:00 AM	63509
Toluene		7.7	0.97		mg/Kg	20	10/27/2021 3:50:00 AM	63509
Ethylber	nzene	7.7	0.97		mg/Kg	20	10/27/2021 3:50:00 AM	63509
Xylenes	, Total	31	1.9		mg/Kg	20	10/27/2021 3:50:00 AM	63509

150

70-130

S

%Rec

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

**Qualifiers:** 

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit
- Page 6 of 29

Released to Imaging: 1/12/2022 9:15:59 AM

Date Reported: 11/2/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Project: Taco AUK St 3 Battery Taco AUK		Client Sample ID: B-2 10' Collection Date: 10/20/2021 11:14:00 AM							
Lab ID: 2110A68-007	Matrix: SOIL Received I					Date: 10/22/2021 7:15:00 AM			
Analyses	Result	RL	Qual	Units	DF	Date Analyzed Batch			
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst: SB			
Diesel Range Organics (DRO)	5200	94		mg/Kg	10	10/27/2021 9:12:41 PM 63521			
Motor Oil Range Organics (MRO)	2300	470		mg/Kg	10	10/27/2021 9:12:41 PM 63521			
Surr: DNOP	0	70-130	S	%Rec	10	10/27/2021 9:12:41 PM 63521			
EPA METHOD 8015D: GASOLINE RAN	IGE					Analyst: mb			
Gasoline Range Organics (GRO)	610	93		mg/Kg	20	10/27/2021 4:09:00 AM 63509			
Surr: BFB	285	70-130	S	%Rec	20	10/27/2021 4:09:00 AM 63509			
EPA METHOD 8021B: VOLATILES						Analyst: <b>mb</b>			
Benzene	ND	0.47		mg/Kg	20	10/27/2021 4:09:00 AM 63509			
Toluene	3.8	0.93		mg/Kg	20	10/27/2021 4:09:00 AM 63509			
Ethylbenzene	5.1	0.93		mg/Kg	20	10/27/2021 4:09:00 AM 63509			
Xylenes, Total	18	1.9		mg/Kg	20	10/27/2021 4:09:00 AM 63509			
Surr: 4-Bromofluorobenzene	135	70-130	S	%Rec	20	10/27/2021 4:09:00 AM 63509			

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

Qualifiers:

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

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

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Date Reported: 11/2/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Project: Taco AUK St 3 Battery Taco	AUK	Client Sample ID: B-2 12' Collection Date: 10/20/2021 11:25:00 AM					
Lab ID: 2110A68-008	Matrix: SOIL         Received Date: 10/22/2021 7:15:00 AM						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst:	SB
Diesel Range Organics (DRO)	5700	180		mg/Kg	20	10/27/2021 9:36:22 PM	63521
Motor Oil Range Organics (MRO)	2800	920		mg/Kg	20	10/27/2021 9:36:22 PM	63521
Surr: DNOP	0	70-130	S	%Rec	20	10/27/2021 9:36:22 PM	63521
EPA METHOD 8015D: GASOLINE RAN	GE					Analyst:	mb
Gasoline Range Organics (GRO)	430	95		mg/Kg	20	10/27/2021 4:29:00 AM	63509
Surr: BFB	247	70-130	S	%Rec	20	10/27/2021 4:29:00 AM	63509
EPA METHOD 8021B: VOLATILES						Analyst:	mb
Benzene	ND	0.48		mg/Kg	20	10/27/2021 4:29:00 AM	63509
Toluene	2.2	0.95		mg/Kg	20	10/27/2021 4:29:00 AM	63509
Ethylbenzene	2.9	0.95		mg/Kg	20	10/27/2021 4:29:00 AM	63509
Xylenes, Total	11	1.9		mg/Kg	20	10/27/2021 4:29:00 AM	63509
Surr: 4-Bromofluorobenzene	123	70-130		%Rec	20	10/27/2021 4:29:00 AM	63509

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

Qualifiers:

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

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

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**CLIENT:** Talon Artesia

**Project:** 

Analytical Report Lab Order 2110A68

Date Reported: 11/2/2021

## Hall Environmental Analysis Laboratory, Inc.

Taco AUK St 3 Battery Taco AUK

Client Sample ID: B-2 14' Collection Date: 10/20/2021 11:27:00 AM Received Date: 10/22/2021 7:15:00 AM

Lab ID: 2110A68-009	Matrix: SOIL         Received Date: 10/22/2021 7:15:00 AM						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analys	t: <b>SB</b>
Diesel Range Organics (DRO)	2000	100		mg/Kg	10	10/27/2021 10:23:46 F	M 63521
Motor Oil Range Organics (MRO)	980	500		mg/Kg	10	10/27/2021 10:23:46 F	M 63521
Surr: DNOP	0	70-130	S	%Rec	10	10/27/2021 10:23:46 F	M 63521
EPA METHOD 8015D: GASOLINE RANG	<b>GE</b>					Analys	t: mb
Gasoline Range Organics (GRO)	97	24		mg/Kg	5	10/27/2021 4:48:00 AM	1 63509
Surr: BFB	147	70-130	S	%Rec	5	10/27/2021 4:48:00 AM	1 63509
EPA METHOD 8021B: VOLATILES						Analys	t: mb
Benzene	ND	0.12		mg/Kg	5	10/27/2021 4:48:00 AM	1 63509
Toluene	0.31	0.24		mg/Kg	5	10/27/2021 4:48:00 AM	1 63509
Ethylbenzene	0.37	0.24		mg/Kg	5	10/27/2021 4:48:00 AM	1 63509
Xylenes, Total	2.0	0.48		mg/Kg	5	10/27/2021 4:48:00 AM	1 63509
Surr: 4-Bromofluorobenzene	121	70-130		%Rec	5	10/27/2021 4:48:00 AM	1 63509

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

**Qualifiers:** 

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

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

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Date Reported: 11/2/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Project: Taco AUK St 3 Battery Taco AUK		Client Sample ID: B-2 16' Collection Date: 10/20/2021 11:29:00 AM					
Lab ID: 2110A68-010	Matrix: SOIL Received Date: 10/22/2					/22/2021 7:15:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed Batch	
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst: SB	
Diesel Range Organics (DRO)	150	9.7		mg/Kg	1	10/27/2021 10:47:25 PM 63521	
Motor Oil Range Organics (MRO)	88	48		mg/Kg	1	10/27/2021 10:47:25 PM 63521	
Surr: DNOP	129	70-130		%Rec	1	10/27/2021 10:47:25 PM 63521	
EPA METHOD 8015D: GASOLINE RAN	GE					Analyst: mb	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/27/2021 5:07:00 AM 63509	
Surr: BFB	130	70-130	S	%Rec	1	10/27/2021 5:07:00 AM 63509	
EPA METHOD 8021B: VOLATILES						Analyst: mb	
Benzene	ND	0.023		mg/Kg	1	10/27/2021 5:07:00 AM 63509	
Toluene	ND	0.046		mg/Kg	1	10/27/2021 5:07:00 AM 63509	
Ethylbenzene	ND	0.046		mg/Kg	1	10/27/2021 5:07:00 AM 63509	
Xylenes, Total	ND	0.091		mg/Kg	1	10/27/2021 5:07:00 AM 63509	
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	10/27/2021 5:07:00 AM 63509	

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

Qualifiers:

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

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

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Date Reported: 11/2/2021

# Hall Environmental Analysis Laboratory, Inc.

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CLIENT: Talon Artesia		C	ient S	ample I	<b>D:</b> B-	2 18'		
Project: Taco AUK St 3 Battery Taco	AUK	Collection Date: 10/20/2021 11:39:00 AM						
Lab ID: 2110A68-011	Matrix: SOIL		Recei	ved Dat	e: 10/	/22/2021 7:15:00 AM		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS					Analys	t: <b>SB</b>	
Diesel Range Organics (DRO)	1500	100		mg/Kg	10	10/27/2021 11:11:04 F	M 63521	
Motor Oil Range Organics (MRO)	750	500		mg/Kg	10	10/27/2021 11:11:04 F	M 63521	
Surr: DNOP	0	70-130	S	%Rec	10	10/27/2021 11:11:04 F	M 63521	
EPA METHOD 8015D: GASOLINE RAI	NGE					Analys	t: mb	
Gasoline Range Organics (GRO)	29	5.0		mg/Kg	1	10/27/2021 5:27:00 AM	/ 63509	
Surr: BFB	177	70-130	S	%Rec	1	10/27/2021 5:27:00 AM	/ 63509	
EPA METHOD 8021B: VOLATILES						Analys	t: mb	
Benzene	ND	0.025		mg/Kg	1	10/27/2021 5:27:00 AM	/ 63509	
Toluene	0.14	0.050		mg/Kg	1	10/27/2021 5:27:00 AM	/ 63509	
Ethylbenzene	0.20	0.050		mg/Kg	1	10/27/2021 5:27:00 AM	/ 63509	
Xylenes, Total	0.82	0.10		mg/Kg	1	10/27/2021 5:27:00 AM	/ 63509	
Surr: 4-Bromofluorobenzene	134	70-130	S	%Rec	1	10/27/2021 5:27:00 AM	/ 63509	

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range RL Reporting Limit
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Released to Imaging: 1/12/2022 9:15:59 AM

Date Reported: 11/2/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Project: Taco AUK St 3 Battery Taco AUK		Client Sample ID: B-2 20' Collection Date: 10/20/2021 11:41:00 AM						
Lab ID: 2110A68-012	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 10	0/22/2021 7:15:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	120	9.5	mg/Kg	1	11/1/2021 2:16:16 PM	63654		
Motor Oil Range Organics (MRO)	49	48	mg/Kg	1	11/1/2021 2:16:16 PM	63654		
Surr: DNOP	87.3	70-130	%Rec	1	11/1/2021 2:16:16 PM	63654		
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst	mb		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/27/2021 5:46:00 AM	63509		
Surr: BFB	117	70-130	%Rec	1	10/27/2021 5:46:00 AM	63509		
EPA METHOD 8021B: VOLATILES					Analyst	mb		
Benzene	ND	0.024	mg/Kg	1	10/27/2021 5:46:00 AM	63509		
Toluene	ND	0.049	mg/Kg	1	10/27/2021 5:46:00 AM	63509		
Ethylbenzene	ND	0.049	mg/Kg	1	10/27/2021 5:46:00 AM	63509		
Xylenes, Total	ND	0.098	mg/Kg	1	10/27/2021 5:46:00 AM	63509		
Surr: 4-Bromofluorobenzene	97.4	70-130	%Rec	1	10/27/2021 5:46:00 AM	63509		

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

Qualifiers:

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

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

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Date Reported: 11/2/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Project: Taco AUK St 3 Battery Taco AUK		Client Sample ID: B-2 22' Collection Date: 10/20/2021 11:43:00 AM						
Lab ID: 2110A68-013	Matrix: SOIL		Received Dat	e: 10	0/22/2021 7:15:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed Bate			
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst: SB			
Diesel Range Organics (DRO)	130	9.4	mg/Kg	1	10/29/2021 12:57:10 PM 6352			
Motor Oil Range Organics (MRO)	49	47	mg/Kg	1	10/29/2021 12:57:10 PM 6352			
Surr: DNOP	92.6	70-130	%Rec	1	10/29/2021 12:57:10 PM 6352			
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst: mb			
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/27/2021 6:06:00 AM 6350			
Surr: BFB	117	70-130	%Rec	1	10/27/2021 6:06:00 AM 6350			
EPA METHOD 8021B: VOLATILES					Analyst: <b>mb</b>			
Benzene	ND	0.024	mg/Kg	1	10/27/2021 6:06:00 AM 6350			
Toluene	ND	0.048	mg/Kg	1	10/27/2021 6:06:00 AM 6350			
Ethylbenzene	ND	0.048	mg/Kg	1	10/27/2021 6:06:00 AM 6350			
Xylenes, Total	ND	0.096	mg/Kg	1	10/27/2021 6:06:00 AM 6350			
Surr: 4-Bromofluorobenzene	98.3	70-130	%Rec	1	10/27/2021 6:06:00 AM 6350			

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

Qualifiers:

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

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

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Date Reported: 11/2/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Project: Taco AUK St 3 Battery Taco AUK		Client Sample ID: B-2 24' Collection Date: 10/20/2021 11:53:00 AM							
Lab ID: 2110A68-014	Matrix: SOIL	<b>Received Date:</b> 10/22/2021 71:55:00 AM							
Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch				
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst: SB				
Diesel Range Organics (DRO)	88	9.9	mg/Kg	1	10/25/2021 11:04:38 PM 63522				
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/25/2021 11:04:38 PM 63522				
Surr: DNOP	87.5	70-130	%Rec	1	10/25/2021 11:04:38 PM 63522				
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst: <b>mb</b>				
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/27/2021 8:31:00 AM 63509				
Surr: BFB	97.7	70-130	%Rec	1	10/27/2021 8:31:00 AM 63509				
EPA METHOD 8021B: VOLATILES					Analyst: <b>mb</b>				
Benzene	ND	0.024	mg/Kg	1	10/27/2021 8:31:00 AM 63509				
Toluene	ND	0.049	mg/Kg	1	10/27/2021 8:31:00 AM 63509				
Ethylbenzene	ND	0.049	mg/Kg	1	10/27/2021 8:31:00 AM 63509				
Xylenes, Total	ND	0.098	mg/Kg	1	10/27/2021 8:31:00 AM 63509				
Surr: 4-Bromofluorobenzene	95.6	70-130	%Rec	1	10/27/2021 8:31:00 AM 63509				

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range RL Reporting Limit
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Date Reported: 11/2/2021

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia	Client Sample ID: B-2 26'									
Project: Taco AUK St 3 Battery Taco AU	UK Collection Date: 10/20/2021 11:55:00 AM									
Lab ID: 2110A68-015	Matrix: SOIL         Received Date: 10/22/2021 7:15:00 AM									
Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch					
EPA METHOD 300.0: ANIONS					Analyst: MRA					
Chloride	ND	60	mg/Kg	20	10/26/2021 4:07:42 PM 63576					
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: SB					
Diesel Range Organics (DRO)	18	9.8	mg/Kg	1	10/25/2021 11:37:19 PM 63522					
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/25/2021 11:37:19 PM 63522					
Surr: DNOP	96.0	70-130	%Rec	1	10/25/2021 11:37:19 PM 63522					
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb					
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/27/2021 8:50:00 AM 63509					
Surr: BFB	100	70-130	%Rec	1	10/27/2021 8:50:00 AM 63509					
EPA METHOD 8021B: VOLATILES					Analyst: mb					
Benzene	ND	0.024	mg/Kg	1	10/27/2021 8:50:00 AM 63509					
Toluene	ND	0.048	mg/Kg	1	10/27/2021 8:50:00 AM 63509					
Ethylbenzene	ND	0.048	mg/Kg	1	10/27/2021 8:50:00 AM 63509					
Xylenes, Total	ND	0.096	mg/Kg	1	10/27/2021 8:50:00 AM 63509					
Surr: 4-Bromofluorobenzene	97.7	70-130	%Rec	1	10/27/2021 8:50:00 AM 63509					

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

Qualifiers:

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

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

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Date Reported: 11/2/2021

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Project: Taco AUK St 3 Battery Taco AU	K	Client Sample ID: B-3 1' Collection Date: 10/20/2021 12:20:00 PM							
Lab ID: 2110A68-016	Matrix: SOIL	Matrix: SOIL         Received Date: 10/22/2021 7:15:00 AM							
Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch				
EPA METHOD 300.0: ANIONS					Analyst: MRA				
Chloride	ND	60	mg/Kg	20	10/26/2021 4:20:06 PM 63576				
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: SB				
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/25/2021 11:48:15 PM 63522				
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/25/2021 11:48:15 PM 63522				
Surr: DNOP	89.8	70-130	%Rec	1	10/25/2021 11:48:15 PM 63522				
EPA METHOD 8015D: GASOLINE RANGE					Analyst: <b>mb</b>				
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/27/2021 9:10:00 AM 63509				
Surr: BFB	94.1	70-130	%Rec	1	10/27/2021 9:10:00 AM 63509				
EPA METHOD 8021B: VOLATILES					Analyst: mb				
Benzene	ND	0.024	mg/Kg	1	10/27/2021 9:10:00 AM 63509				
Toluene	ND	0.048	mg/Kg	1	10/27/2021 9:10:00 AM 63509				
Ethylbenzene	ND	0.048	mg/Kg	1	10/27/2021 9:10:00 AM 63509				
Xylenes, Total	ND	0.097	mg/Kg	1	10/27/2021 9:10:00 AM 63509				
Surr: 4-Bromofluorobenzene	94.9	70-130	%Rec	1	10/27/2021 9:10:00 AM 63509				

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

Qualifiers:

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

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

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Date Reported: 11/2/2021

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia		Client Sample ID: B-3 2'								
<b>Project:</b> Taco AUK St 3 Battery Taco AU	K		Collection Dat	<b>e:</b> 10	/20/2021 12:22:00 PM					
Lab ID: 2110A68-017	Matrix: SOIL         Received Date: 10/22/2021 7:15:00 AM									
Analyses	Result	RL	Qual Units	DF	Date Analyzed Bat	tch				
EPA METHOD 300.0: ANIONS					Analyst: MR	A				
Chloride	ND	59	mg/Kg	20	10/26/2021 4:32:30 PM 635	576				
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: SB	,				
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	10/25/2021 11:59:11 PM 635	522				
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/25/2021 11:59:11 PM 635	522				
Surr: DNOP	89.5	70-130	%Rec	1	10/25/2021 11:59:11 PM 635	522				
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb	)				
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/27/2021 9:29:00 AM 635	509				
Surr: BFB	106	70-130	%Rec	1	10/27/2021 9:29:00 AM 635	509				
EPA METHOD 8021B: VOLATILES					Analyst: mb	)				
Benzene	ND	0.024	mg/Kg	1	10/27/2021 9:29:00 AM 635	509				
Toluene	ND	0.048	mg/Kg	1	10/27/2021 9:29:00 AM 635	509				
Ethylbenzene	ND	0.048	mg/Kg	1	10/27/2021 9:29:00 AM 635	509				
Xylenes, Total	ND	0.097	mg/Kg	1	10/27/2021 9:29:00 AM 635	509				
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	10/27/2021 9:29:00 AM 635	509				

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range RL Reporting Limit
- Page 17 of 29

Date Reported: 11/2/2021

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia		Cl	ient Sample II	<b>D:</b> B-	3 3'				
<b>Project:</b> Taco AUK St 3 Battery Taco AU	K	(	Collection Dat	<b>e:</b> 10/	/20/2021 12:24:00 PM				
Lab ID: 2110A68-018	Matrix: SOIL								
Analyses	Result	RL	Qual Units	DF	Date Analyzed H	Batch			
EPA METHOD 300.0: ANIONS					Analyst:	MRA			
Chloride	ND	60	mg/Kg	20	10/26/2021 4:44:55 PM	63576			
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: S	SB			
Diesel Range Organics (DRO)	10	9.8	mg/Kg	1	10/26/2021 12:10:07 AM 6	63522			
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/26/2021 12:10:07 AM 6	63522			
Surr: DNOP	82.2	70-130	%Rec	1	10/26/2021 12:10:07 AM 6	63522			
EPA METHOD 8015D: GASOLINE RANGE					Analyst: r	mb			
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/27/2021 9:49:00 AM	63509			
Surr: BFB	111	70-130	%Rec	1	10/27/2021 9:49:00 AM	63509			
EPA METHOD 8021B: VOLATILES					Analyst: r	mb			
Benzene	ND	0.025	mg/Kg	1	10/27/2021 9:49:00 AM	63509			
Toluene	ND	0.050	mg/Kg	1	10/27/2021 9:49:00 AM	63509			
Ethylbenzene	ND	0.050	mg/Kg	1	10/27/2021 9:49:00 AM	63509			
Xylenes, Total	ND	0.099	mg/Kg	1	10/27/2021 9:49:00 AM	63509			
Surr: 4-Bromofluorobenzene	115	70-130	%Rec	1	10/27/2021 9:49:00 AM	63509			

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

Qualifiers:

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

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

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Date Reported: 11/2/2021

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Project: Taco AUK St 3 Battery Taco AU	K	Client Sample ID: B-3 4' Collection Date: 10/20/2021 12:26:00 PM							
Lab ID: 2110A68-019	Matrix: SOIL         Received Date: 10/22/2021 7:15:00 AM								
Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch				
EPA METHOD 300.0: ANIONS					Analyst: MRA				
Chloride	ND	60	mg/Kg	20	10/26/2021 5:22:08 PM 63576				
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: SB				
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/26/2021 12:21:15 AM 63522				
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/26/2021 12:21:15 AM 63522				
Surr: DNOP	90.5	70-130	%Rec	1	10/26/2021 12:21:15 AM 63522				
EPA METHOD 8015D: GASOLINE RANGE					Analyst: <b>mb</b>				
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/27/2021 10:09:00 AM 63509				
Surr: BFB	108	70-130	%Rec	1	10/27/2021 10:09:00 AM 63509				
EPA METHOD 8021B: VOLATILES					Analyst: <b>mb</b>				
Benzene	ND	0.024	mg/Kg	1	10/27/2021 10:09:00 AM 63509				
Toluene	ND	0.049	mg/Kg	1	10/27/2021 10:09:00 AM 63509				
Ethylbenzene	ND	0.049	mg/Kg	1	10/27/2021 10:09:00 AM 63509				
Xylenes, Total	ND	0.097	mg/Kg	1	10/27/2021 10:09:00 AM 63509				
Surr: 4-Bromofluorobenzene	112	70-130	%Rec	1	10/27/2021 10:09:00 AM 63509				

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

**Qualifiers:** 

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

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

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Date Reported: 11/2/2021

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia		Client Sample ID: S-2 0-1'								
Project: Taco AUK St 3 Battery Taco AU	K	Collection Date: 10/20/2021 1:00:00 PM								
Lab ID: 2110A68-020	Matrix: SOIL	<b>Received Date:</b> 10/22/2021 7:15:00 AM								
Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch					
EPA METHOD 300.0: ANIONS					Analyst: MRA					
Chloride	ND	59	mg/Kg	20	10/26/2021 5:34:33 PM 63576					
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: SB					
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	10/26/2021 12:32:21 AM 63522					
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/26/2021 12:32:21 AM 63522					
Surr: DNOP	71.6	70-130	%Rec	1	10/26/2021 12:32:21 AM 63522					
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb					
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/27/2021 10:28:00 AM 63509					
Surr: BFB	120	70-130	%Rec	1	10/27/2021 10:28:00 AM 63509					
EPA METHOD 8021B: VOLATILES					Analyst: mb					
Benzene	ND	0.024	mg/Kg	1	10/27/2021 10:28:00 AM 63509					
Toluene	0.11	0.048	mg/Kg	1	10/27/2021 10:28:00 AM 63509					
Ethylbenzene	0.082	0.048	mg/Kg	1	10/27/2021 10:28:00 AM 63509					
Xylenes, Total	0.31	0.096	mg/Kg	1	10/27/2021 10:28:00 AM 63509					
Surr: 4-Bromofluorobenzene	113	70-130	%Rec	1	10/27/2021 10:28:00 AM 63509					

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range RL Reporting Limit
- Page 20 of 29

Surr: 4-Bromofluorobenzene

Analytical Report
Lab Order 2110A68

Date Reported: 11/2/2021

10/27/2021 10:48:00 AM 63509

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia				ample II						
<b>Project:</b> Taco AUK St 3 Battery Taco										
Lab ID: 2110A68-021	Matrix: SOIL	Matrix: SOIL         Received Date: 10/22/2021 7:15:00 AM								
Analyses	Result	RL	Qual	Units	DF	Date Analyzed Batch				
EPA METHOD 300.0: ANIONS						Analyst: MRA				
Chloride	ND	60		mg/Kg	20	10/26/2021 5:46:58 PM 63576				
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst: SB				
Diesel Range Organics (DRO)	35	9.7		mg/Kg	1	10/26/2021 12:43:26 AM 63522				
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/26/2021 12:43:26 AM 63522				
Surr: DNOP	74.3	70-130		%Rec	1	10/26/2021 12:43:26 AM 63522				
EPA METHOD 8015D: GASOLINE RAN	GE					Analyst: mb				
Gasoline Range Organics (GRO)	26	4.9		mg/Kg	1	10/27/2021 10:48:00 AM 63509				
Surr: BFB	244	70-130	S	%Rec	1	10/27/2021 10:48:00 AM 63509				
EPA METHOD 8021B: VOLATILES						Analyst: <b>mb</b>				
Benzene	ND	0.024		mg/Kg	1	10/27/2021 10:48:00 AM 63509				
Toluene	0.60	0.049		mg/Kg	1	10/27/2021 10:48:00 AM 63509				
Ethylbenzene	0.54	0.049		mg/Kg	1	10/27/2021 10:48:00 AM 63509				
Xylenes, Total	1.9	0.098		mg/Kg	1	10/27/2021 10:48:00 AM 63509				

130

70-130

S

%Rec

1

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

Qualifiers:

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

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

RL Reporting Limit

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W	/O#: 21	110A68
	02-	Nov-21

Client: Project:	Talon A Taco A	Artesia UK St 3 Battery Ta	co AUK							
Sample ID:	MB-63563	SampType: ml	olk	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch ID: 63	563	F	tunNo: <b>8</b> 2	2360				
Prep Date:	10/26/2021	Analysis Date: 1	0/26/2021	S	eqNo: 29	921856	Units: mg/K	(g		
Analyte Chloride		Result PQL ND 1.5	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID:	LCS-63563	SampType: Ic:	5	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch ID: 63	563	F	tunNo: 82	2360				
Prep Date:	10/26/2021	Analysis Date: 10	0/26/2021	S	eqNo: 2	921857	Units: mg/K	(g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.5	15.00	0	91.1	90	110			
Sample ID:	MB-63576	SampType: <b>m</b> l	olk	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch ID: 63	576	F	tunNo: 82	2377				
Prep Date:	10/26/2021	Analysis Date: 10	0/26/2021	S	eqNo: 2	922059	Units: mg/K	(g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5								
Sample ID:	LCS-63576	SampType: Ics	6	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch ID: 63	576	F	tunNo: 82	2377				
Prep Date:	10/26/2021	Analysis Date: 1	0/26/2021	S	eqNo: 29	922060	Units: mg/K	g		
Analyte Chloride		Result PQL 14 1.5	SPK value 15.00	SPK Ref Val	%REC 93.6	LowLimit 90	HighLimit 110	%RPD	RPDLimit	Qual

Qualifiers:

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

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UKI	WO#:	2110A68
lysis Laboratory, Inc.		02-Nov-21

Client:Talon AProject:Taco AU	rtesia JK St 3 Batte	ery Tao	co AUK							
Sample ID: 2110A68-014AMS	SampTy	pe: <b>MS</b>	5	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: B-2 24'	Batch I	ID: 635	522	F	RunNo: <b>8</b> 2	2295				
Prep Date: 10/25/2021	Analysis Da	te: 10	/25/2021	S	SeqNo: 29	919853	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO) Surr: DNOP	270 4.4	9.2	46.00 4.600	88.31	392 94.6	39.3 70	155 130			S
Sample ID: 2110A68-014AMS	<b>SD</b> SampTy	pe: <b>MS</b>	D	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: B-2 24'	Batch I	ID: 635	522	F	RunNo: <b>8</b> 2	2295				
Prep Date: 10/25/2021	Analysis Da	te: 10	/25/2021	5	SeqNo: 29	919854	Units: <b>mg/#</b>	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	110	9.8	49.07	88.31	37.9	39.3	155	86.2	23.4	RS
Surr: DNOP	4.3		4.907		87.0	70	130	0	0	
Sample ID: LCS-63516	SampTy	pe: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch I	ID: 635	516	F	RunNo: <b>8</b> 2	2295				
Prep Date: 10/25/2021	Analysis Da	te: 10	/25/2021	5	SeqNo: 29	919925	Units: mg/k	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	87.1	68.9	135			
Surr: DNOP	4.6		5.000		92.8	70	130			
Sample ID: LCS-63522	SampTy	pe: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch I	ID: 635	522	F	RunNo: 82	2295				
Prep Date: 10/25/2021	Analysis Da	te: 10	/25/2021	S	SeqNo: 29	919926	Units: <b>mg/#</b>	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	87.5	68.9	135			
Surr: DNOP	3.9		5.000		77.9	70	130			
Sample ID: MB-63516	SampTy	pe: <b>MB</b>	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch I	ID: 635	516	F	RunNo: <b>8</b> 2	2295				
Prep Date: 10/25/2021	Analysis Da	te: 10	/25/2021	S	SeqNo: 29	919933	Units: <b>mg/k</b>	íg		
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			( <b>a</b> -		( <b>a</b> -			
Surr: DNOP	10		10.00		100	70	130			

#### Qualifiers:

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

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

2110A68	WO#:
02-Nov-21	

Client:Talon AProject:Taco AI	rtesia UK St 3 Battery Taco AUI	ĸ
Sample ID: MB-63522	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 63522	RunNo: 82295
Prep Date: 10/25/2021	Analysis Date: 10/25/202	21 SeqNo: 2919936 Units: mg/Kg
Analyte	Result PQL SPK v	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	7.8 1	10.00 77.5 70 130
Sample ID: MB-63521	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 63521	RunNo: 82349
Prep Date: 10/25/2021	Analysis Date: 10/26/202	21 SeqNo: 2920856 Units: mg/Kg
Analyte	Result PQL SPK v	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 1	10.00 97.7 70 130
Sample ID: LCS-63654	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 63654	RunNo: <b>82477</b>
Prep Date: 10/29/2021	Analysis Date: 11/1/2021	1 SeqNo: 2926672 Units: mg/Kg
Analyte	Result PQL SPK v	value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	47 10 5	50.00 0 93.8 68.9 135
Surr: DNOP	4.4 5	5.000 88.8 70 130
Sample ID: MB-63654	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 63654	RunNo: <b>82477</b>
Prep Date: 10/29/2021	Analysis Date: 11/1/2021	1 SeqNo: 2926675 Units: mg/Kg
Analyte	Result PQL SPK v	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	9.1 1	10.00 90.9 70 130
Sample ID: LCS-63521	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 63521	RunNo: 82442
Prep Date: 10/25/2021	Analysis Date: 10/29/202	21 SeqNo: 2926908 Units: mg/Kg
Analyte	Result PQL SPK v	value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	57 10 5	50.00 0 113 68.9 135
Surr: DNOP	5.8 5	5.000 117 70 130

#### **Qualifiers:**

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

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

# **QC SUMMARY REPORT** Ha \_\_\_\_\_

<b>L</b>						
Hall Env	rironmental Analysis Laboratory, Inc.		02-Nov-21			
Client:	Talon Artesia					

Project: Taco A	AUK St 3 Battery Taco AUK	
Sample ID: LCS-63672	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 63672	RunNo: 82477
Prep Date: 11/1/2021	Analysis Date: 11/1/2021	SeqNo: 2927079 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	4.1 5.000	82.8 70 130
Sample ID: MB-63672	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 63672	RunNo: 82477
Prep Date: 11/1/2021	Analysis Date: 11/1/2021	SeqNo: 2927080 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	8.8 10.00	87.6 70 130

**Qualifiers:** 

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

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

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WO#:	2110A68
	02 N 21

02-Nov-21

Client:Talon ArtProject:Taco AUI	esia K St 3 Batte	ery Tao	co AUK							
Sample ID: mb-63508	SampTy	pe: <b>ME</b>	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Range	9	
Client ID: PBS	Batch I	D: 63	508	R	unNo: 82	2332				
Prep Date: 10/22/2021	Analysis Da	te: 10	/26/2021	S	eqNo: 29	919454	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 1000	5.0	1000		103	70	130			
Sample ID: Ics-63508     SampType: LCS     TestCode: EPA Method 8015D: Gasoline Range										
Client ID: LCSS	Batch I			R	unNo: 82	2332		0		
Prep Date: 10/22/2021	Analysis Da	te: 10	/26/2021	S	eqNo: 29	919455	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	27 1100	5.0	25.00 1000	0	109 112	78.6 70	131 130			
Sample ID: mb-63509	SampTy	pe: <b>ME</b>	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	9	
Client ID: PBS	Batch I			R	unNo: 82	2343		0		
Prep Date: 10/22/2021	Analysis Da	te: 10	/27/2021	S	eqNo: 29	921518	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		102	70	130			
Sample ID: Ics-63509	SampTy	pe: <b>LC</b>	S	Tes	tCode: EF	PA Method	8015D: Gaso	line Range	e	
Client ID: LCSS	Batch I	D: 63	509	R	unNo: 82	2343				
Prep Date: 10/22/2021	Analysis Da	te: 10	/26/2021	S	eqNo: 29	921520	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	25 1100	5.0	25.00 1000	0	99.2 107	78.6 70	131 130			
Sample ID: 2110A68-002ams	SampTy	ne MS		Tos	tCode: EE	PA Method	8015D: Gaso	line Rang	9	
Client ID: <b>B-1 2'</b>	Batch I				tunNo: 82		00102. 0400		-	
Prep Date: 10/22/2021	Analysis Da	te: 10	/27/2021	S	eqNo: 29	921523	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	4.8	24.04	0	107	61.3	114			
Surr: BFB	1100		961.5		110	70	130			
Sample ID: 2110A68-002amsd	SampTy	pe: <b>MS</b>	D	Tes	tCode: EF	PA Method	8015D: Gaso	line Range	9	
Client ID: B-1 2'	Batch I	D: 63	509	R	unNo: 82	2343				
Prep Date: 10/22/2021	Analysis Da	te: 10	/27/2021	S	eqNo: 29	921526	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**Qualifiers:** 

\* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

B Analyte detected in the associated Method Blank

# **OC SUMMARY REPORT**

	WO#:	2110A68
Hall Environmental Analysis Laboratory, Inc.		02-Nov-21

Client:	Talon Art	esia						
Project:	Taco AUI	K St 3 Batter	y Taco AUK					
Sample ID:	2110A68-002amsd	SampType	e: MSD	Tes	tCode: EPA Metho	d 8015D: Gaso	line Range	)
Client ID:	B-1 2'	Batch ID	63509	F	RunNo: <b>82343</b>			
Prep Date:	10/22/2021	Analysis Date	e: 10/27/2021	S	SeqNo: <b>2921526</b>	Units: <b>mg/K</b>	g	
Analyte		Result F	PQL SPK value	SPK Ref Val	%REC LowLimi	t HighLimit	%RPD	RPI

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.9	24.44	0	104	61.3	114	1.25	20	
Surr: BFB	1000		977.5		107	70	130	0	0	

#### **Qualifiers:**

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

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

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	Page	86	of 95

WO#:	2110A68
	02-Nov-21

Client: Talon /	Artesia									
	UK St 3 Bat	ttery Ta	co AUK							
	0	- ME		<b>T</b>			0004D			
Sample ID: mb-63508		Type: ME					8021B: Vola	tiles		
Client ID: PBS		h ID: 63			RunNo: <b>8</b> 2					
Prep Date: 10/22/2021	Analysis D	Date: 10	/26/2021	ç	SeqNo: 29	919499	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene Xylenes, Total	ND ND	0.050 0.10								
Surr: 4-Bromofluorobenzene	0.86	0.10	1.000		85.7	70	130			
		-		<b></b>						
Sample ID: LCS-63508	•	Type: LC					8021B: Vola	liies		
Client ID: LCSS	Batch	h ID: 63	508	F	RunNo: <b>8</b> 2	2332				
Prep Date: 10/22/2021	Analysis D	Date: 10	/26/2021	S	SeqNo: 2	919500	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	97.2	80	120			
Toluene	0.98	0.050	1.000	0	98.0	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.3	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.3	80	120			
Surr: 4-Bromofluorobenzene	0.85		1.000		85.5	70	130			
Sample ID: mb-63509	SampT	Гуре: <b>МЕ</b>	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: PBS	Batch	h ID: 63	509	F	RunNo: <b>8</b> 2	2343				
Prep Date: 10/22/2021	Analysis D	Date: 10	/27/2021	5	SeqNo: 2	921560	Units: mg/k	٢g		
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: Ics-63509	SampT	Type: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batch	h ID: 63	509	F	RunNo: <b>8</b> 2	2343				
Prep Date: 10/22/2021	Analysis D	Date: 10	/26/2021	S	SeqNo: 2	921562	Units: <b>mg/k</b>	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	98.8	80	120			
Toluene	1.1	0.050	1.000	0	105	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		98.5	70	130			

#### **Qualifiers:**

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

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

WO#:	2110A68

02-Nov-21

# Client:Talon ArtesiaProject:Taco AUK St 3 Battery Taco AUK

Sample ID: 2110A68-003ams	Samp	Гуре: МS	5	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: B-1 3'	Batc	h ID: 63	509	F	unNo: 8	2343				
Prep Date: 10/22/2021	Analysis I	Date: 10	/27/2021	S	eqNo: 2	921565	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9785	0	103	80	120			
Toluene	1.0	0.049	0.9785	0	104	80	120			
Ethylbenzene	1.0	0.049	0.9785	0	105	80	120			
Xylenes, Total	3.1	0.098	2.935	0	106	80	120			
Surr: 4-Bromofluorobenzene	1.0		0.9785		105	70	130			
Sample ID: 2110A68-003amsc	d Samp	Гуре: МS	D	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: B-1 3'	Batc	h ID: 63	509	F	unNo: <b>8</b> 2	2343				
Prep Date: 10/22/2021	Analysis [	Date: 10	/27/2021	S	eqNo: 2	921568	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	0.9881	0	99.7	80	120	2.30	20	
Toluene	1.0	0.049	0.9881	0	105	80	120	1.83	20	
Ethylbenzene	1.0	0.049	0.9881	0	104	80	120	0.197	20	
Xylenes, Total	3.1	0.099	2.964	0	105	80	120	0.109	20	
Surr: 4-Bromofluorobenzene	1.0		0.9881		102	70	130	0	0	

Qualifiers:

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

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

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Page	88	0	f 95

			1	TEL: 505-34;	nental Analysis L 4901 Ha Albuquerque, N 5-3975 FAX: 505- ents.hallenvironm	wkins NE VM 87109 345-4107	Sa	mple Log-In C	Page neck List
Client Name:	Talon Ar	tesia	Wo	ork Order Nu	mber: 2110A68			RcptNo:	1
Received By		ine Cason		/2021 7:15:		Cher	l		
Completed By	-	Ortiz		/2021 8:52:	45 AM	$n^{2}$	5-0	2-K	
Reviewed By:	The		10/22	/21 11	5:35	m	C		
<u>Chain of Cu</u>	<u>istody</u>								
1. Is Chain of	Custody con	nplete?			Yes 🖌	N	o 🗌	Not Present	
2. How was the	ie sample de	livered?			Courier				
Log In									
3. Was an atte	empt made to	cool the sam	ples?		Yes 🖌	No	<b>b</b>	NA 🗌	
4. Were all sar	mples receive	ed at a temper	ature of >0° (	C to 6.0°C	Yes 🖌	No			
5. Sample(s) i	n proper con	tainer(s)?			Yes 🖌	No			
6. Sufficient sa	mple volume	for indicated	test(s)?		Yes 🖌	No			
7. Are samples	(except VO	A and ONG) p	roperly preser	ved?	Yes 🖌	No			
8. Was preserv	ative added	to bottles?			Yes	No	$\checkmark$	NA 🗌	
9. Received at	least 1 vial w	vith headspace	e <1/4" for AQ	VOA?	Yes	No	П	NA 🔽	
10. Were any sa					Yes				
11. Does paperv								# of preserved bottles checked	
		hain of custody	v)		Yes 🗹	No		for pH:	2 uplose noted)
12. Are matrices				,	Yes 🖌	No		Adjusted?	2 unless noted)
13. Is it clear wh			•		Yes 🗹	No	_	/	
14. Were all hold (If no, notify	ling times ab	le to be met? authorization.)			Yes 🗹	No		Checked by:	r 10/22/21
Special Hand			/				/		
15. Was client n			with this order	?	Yes	No		NA 🗸	
Persor	Notified:	ſ		Date			Dettores		
By Wh	om:		CARGO EXEMPLOY AND	Via:	eMail	Phone	Fax	In Person	
Regard	ling:		NAMBO BANDAGO SANG MANGANONANO BANDAR				Net of the second s		
Client	nstructions:						le Tara Anna Antonio		
16. Additional re	emarks:								
17. Cooler Info	rmation								
Cooler No			Seal Intact	Seal No	Seal Date	Signed I	By		
1	0.3	Good	Not Present						
2	0.4	Good	Not Present						

Page 1 of 1

			4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis			0		- C		ш	с. С. С. С. С. С. С. С. С. С. С. С. С. С.	× × × 1		063 × × ×	Co4 × × ×		C06 × ×		268 x x x						2.0-9:0 00	2.1-0.	15 TG DF A
Turn-Around Time: 10/27/2021	🗆 Standard 🗆 Rush	iject Name:	Taco AUK St. #3 Battery (Taco AUK)	Project #:	700438.266.01	Project Manager:		R.Pons	Sampler: M.Collier	Ø	# of Coolers: 5	Cooler Temp(including CF): See Remark	Container Preservative HEAL No.	Ice/Cool			©	C	C	a		0	C		2	Received by: Via: Date Time	Beceived hv. Via: Date Time		LL LANN 10/22/4 0715
Chain-of-Custody Record			408 W. Texas Ave		575.746.8768			Level 4 (Full Validation)	□ Az Compliance				Sample Name	- B-1 1'	B-1 2'	B-1 3'	B-1 4'	B-2 6'	B-2 8'	B-2 10'	B-2 12'	B-2 14'	B-2 16'	B-2 18'	B-2 20'	Relinquished by:	Relinduished by		
	Client: Talon LPE		Mailing Address:	Artesia, NM 88210	Phone #:	email or Fax#:	QA/QC Package:		:uo	DINELAC Dither	EDD (Type)		Date Time Matrix	10:40	10:42	10:44	10:46	11:10	11:12	11:14	11:25	11:27	11:29	11:39	11:41	Time:	VIU RI 1300 M	hu va m	Y) (0) 1/ 1/1/1/

		ORATORY	4901 Hawkins NE - Alburation Min 57200	Eox EDE 24E 4407	rax 303-345-410/ Analysis Request			46:1																		Remarks: Direct Bill to EOG Resources ATTN:Chase Settle		Pa		in incressary, 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.
			4901 Ha	Tel 504				O	- ع	- c	) -		у ө ч н ш х		×	××	×	××	×	×	×	×				ks: Dire			205 J	Any sub-col
											2			-	×	×	×	×	×	×	×	××	××	××	××	Remai			96	ssibility.
10/27/2021			(Taco AUK)		01					□ No		Scelistpage	HEAL No.	013	510	015	910	210	018	0 IG	020	120				Time	1921/21 1300	Date Time	2120 2120	is. This serves as notice of this pos
d Time:	d 🗆 Rush		#3 Battery		700438.266.01	ager:	þ	R.Pons	M.Collier	🕅 Yes	 N	100000	Preservative Type	Ice/Cool	/					(		4				Via:	m	Via:	cent 10	ccredited laboratorie
Turn-Around Time:	Candard	Project Name:	Taco AUK St.	Project #:	1	Project Manager:	, ,		Sampler:	On Ice:	# of Coolers:	Cooler Temp(including CF):	Container Type and #	Glass/1	(							1				Received by:	WALL	Received by:	Cer C	ontracted to other a
Chain-of-Custody Record			408 W. Texas Ave		575.746.8768			Level 4 (Full Validation)	Az Compliance	Other			Matrix Sample Name	Soil B-2 22'	) B-2 24'	B-2 26'	B-3 1'	B-3 2'	B-3 3'	B-3 4'	S-2 0-1'	) S-3 0-1'				Relinquished by:	IN CUL	Kelinquished by:	MU	ies submitted to Hall Environmental may be subc
in-oi	Talon LPE		ess:	88210	575	;#	ge:				e)				53	55	0	2	4	9	0									ary, sampi
Cha			Mailing Address:	Artesia, NM	e #:	email or Fax#:	QA/QC Package:	□ Standard	Accreditation:	ILAC	EDD (Type)		Time	11:43	11:53	11:55	12:20	12:22	12:24	12:26	1:00	1:10				_			1900 H	
	Client:		Mailir	Artes	Phone #:	email	QA/Q(	□ St	Accre				Date	10/20/2021	-	_	_				-	/				Uate:	N. MI		R R.	



December 09, 2021

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TACO AUK STATE #3 ( TACO AUK )

Enclosed are the results of analyses for samples received by the laboratory on 12/08/21 12:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



#### Analytical Results For:

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

Received:	12/08/2021	Sampling Date:	12/07/2021
Reported:	12/09/2021	Sampling Type:	Solid
Project Name:	TACO AUK STATE #3 ( TACO AUK )	Sampling Condition:	Cool & Intact
Project Number:	700438.266.01	Sample Received By:	Yvonne Muniz
Project Location:	EOG - LEA CO NM		

#### Sample ID: S - 1 A 13' (H213539-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/09/2021	ND	2.05	103	2.00	0.900	
Toluene*	<0.050	0.050	12/09/2021	ND	2.01	100	2.00	0.0145	
Ethylbenzene*	<0.050	0.050	12/09/2021	ND	1.99	99.3	2.00	0.707	
Total Xylenes*	<0.150	0.150	12/09/2021	ND	6.06	101	6.00	1.37	
Total BTEX	<0.300	0.300	12/09/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	32.0	16.0	12/09/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	12/09/2021	ND	184	92.0	200	18.4	
DRO >C10-C28*	<10.0	10.0	12/09/2021	ND	206	103	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	12/09/2021	ND					
Surrogate: 1-Chlorooctane	101	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	95.5	% 38.9-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clent's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for 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 thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, whother bits ubsidiaries, affiliates or successor arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### **Notes and Definitions**

QR-04	The RPD for the BS/BSD was outside of historical limits.
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

#### Cardinal Laboratories

#### \*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

# Laboratories

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

(2/2) 393-2326 FAX (2/2) 393-24/6			
Company Name:   alon LPE		BILL TO ANALYSIS REQUEST	
Project Manager: R. PONS	P.O. #:		
Address: 408 W. Texas Ave	Company:		
city: Artesia state: NM	zip: 88210		
Phone #: 575.746.8768 Fax #:	Address:		
Project #: 700438.266.01 Project Owner: EOG	ar:EOG city:		
Project Name: Taco AUK State #3 (Taco AUK)	AUK) State: Zip:		
Project Location: Lea County	Phone #:		
sampler Name: J. Carnes	Fax #:		
FOR LAB USE ONLY		SAMPLING Des	
Lab I.D. Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	DATE TIME Chloric TDH BTEX	
/ S-1A 13'	[] X X	12-7-11 12:10 X X X	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive ramedy 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	any claim arising whether based in contract or tort, shall be limited to the deemed waived unless made in writing and received by Cardinal within	a amount paid by the client for the applicable	
affiaites or successors arising out of or related to the performance of services hereunder by C Relinquished By: 17-21	Notes hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated 17 - Q  - 1   Received By:	vve staled reasons or offerwise.  Phone Result:  Yes  No Add'I Phone #: Fax Result:  Yes No Add'I Fax #:	
Relinguished By: Time: 36	WUDNI Muis	o Chase-s	2
Time:		enail results. journes @ talon / percon	
6.2 0			
Sampler - UPS - Bus - Other: (5.7e	#113 Pres Types	a day	

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

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

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	67418
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	oon and a second a se	Condition Date
chensley	None	1/12/2022

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Action 67418