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		<u>528113</u>	3		1	OPERA7	<u>ror</u>		🛛 Initia	I Report 🔲 Final Report		
Name of Co Yates Petro		oration		OGRID Num 25575	ber	Contact Robert Ashe	er					
Address 104 S. 4 th S	traat					Telephone No. 575-748-1471						
Facility Nar						575-748-1471 Facility Type						
Samuel Sm	ith BIY Fe	deral #1				Battery	M3089222-1-1					
Surface Owner Mineral Owner						· •			API No			
State				Federal		·			30-015-	-32,581		
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I	32	235	24E	1400	1,101,	South	1170	East		Eddy		
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Type of Rele	ease			<u>NA1</u>	UR	E OF REL Volume of			Volume I	Recovered		
Produced Wa	ater	· · · · · · · · · · · · · · · · · · ·				120 B/PW			0 B/PW			
Source of Re Production T	[ank				<u></u>	9/12/2014	Date and Hour of OccurrenceDate and Hour of Discovery9/12/2014; AM9/12/2014; AM					
Was Immedi	iate Notice		Yes [No 🔲 Not R	eauire	If YES, To Whom? Mike Bratcher/NMOCD II						
By Whom?						Date and Hour						
Robert Ashe		roleum Corpo ched?	ration			9/12/2014: AM If YES, Volume Impacting the Watercourse.						
		Ľ	Yes 🛛	No		,, .	·····8					
If a Waterco	urse was In	npacted, Desc	ribe Fully.	*						·		
		lem and Remo										
							d water in that tai located on the pro			vy rains and flooding Fire		
		and Cleanup			ered (Once the batter	is moved the imp	acted so	ils will he	excavated/hauled to an NMOCD		
approved fac	cility. Vertic	cal and horizo	ntal deline	ation samples wi	ll be ta	ken and analys	is ran for TPH &	BTEX (chlorides f	or documentation). If initial		
analytical re	sults are ab	ove the RRAI	a work p	lan will be submi	tted to	the NMOCD.	Depth to Ground	i Water	: >100' (aj	MOCD requesting closure. If the proximately 200', per		
ChevronTe I hereby cert	xaco Trend tify that the	information g	nead Prot	ection Area: No, e is true and com	Dista plete to	nce to Surface the best of m	Water Body: >1 y knowledge and	000', Sl understa	TE RANK nd that pur	Suant to NMOCD rules and		
regulations a	all operators	s are required	to report a	nd/or file certain	release	e notifications	and perform corre	ctive ac	tions for re	leases which may endanger lieve the operator of liability		
should their	operations	have failed to	adequatel	y investigate and	remed	iate contamina	tion that pose a th	reat to g	round wate	er, surface water, human health		
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	\bigcirc		a				<u>OIL CON</u>	ISERV	ATION	DIVISION		
Signature:	C.	ال عد				4			1			
Printed Nan	ne: Robert A	Asher				Approved b	y Environmental	Speciali	st: N	n/h		
Title: NM E	nvironment	tal Regulatory	Supervise)r		Approval D	_{ate:} [0][][1	1	Expiration	Date: MA		
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Date: Octob * Attach Add		eets If Neces		one: 575-748-421	<u>/ </u>	Submit re	MEDIATION	PROP	OSAL N			
					l	ATER THA	№:/_/	4		2RP-251		

Patterson, Heather, EMNRD

From:	Bob Asher <boba@yatespetroleum.com></boba@yatespetroleum.com>
Sent:	Friday, September 12, 2014 2:55 PM
То:	Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD; Dade, Randy, EMNRD
Cc:	Amber Cannon; Chase Settle; Katie Parker; Manuel Gonzalez; Tanna Adams
Subject:	Release Notification (Samuel Smith Unit #1)

Yates Petroleum Corporation is reporting a release at the following location (9/12/2014; AM).

Samuel Smith Unit #1 30-015-32581 Section 32, T23S-R24E 1400 FSL & 1170 FEL Eddy County, New Mexico

Released: Approximately 120 P/W; Recovered: Not known at this time.

Cause of release was from a lightning strike at the battery. Because of heavy rains, YPC personnel, Fire Department and clean-up crews cannot get to the battery. A Form C-141 with full detailed information will be submitted.

Thank you.

Robert Asher NM Environmental Regulatory Supervisor Yates Petroleum Corporation 105 S. 4th Street

 105 S. 4" Street

 Artesia, NM 88210

 575-748-4217 (Office)

 575-365-4021 (Cell)

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Remediation and Closure Report

Samuel Smith BIY Federal #1 Eddy County, New Mexico 30-015-32581 Incident #NAB1427528113

Prepared For:

EOG RESOURCES 104 S. 4th Street Artesia, NM 88210

Prepared By:

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

June 23, 2021

Page | 1

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

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

Subject: Remediation and Closure Report Samuel Smith BIY Federal #1 Eddy County, NM API 30-015-32581 Incident #NAB1427528113

Dear Mr. Bratcher and Mr. Amos,

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

Site Information

The Samuel Smith BIY Federal #1 is located approximately 20 miles southwest of Carlsbad, New Mexico. The legal location for this release is Unit Letter I, Section 32, Township 23 South and Range 24 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.25683 North and -104.51506 West. Site maps are presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Ector extremely rocky loam, 9 to 25 percent slopes. The referenced soil data is presented in Appendix II. Per the New Mexico Bureau of Geology and Mineral Resources, the local geology is made up of the Seven Rivers Formation, Guadalupian in age and comprised of gypsum, anhydrate, salt, dolomite and siltstone. Drainage courses in this area are typically well drained.

Ground Water and Site Characterization

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 90-feet below ground surface (bgs). See Appendix II for the referenced groundwater data. However, further research of the Bureau of Land Management Karst data indicates this site is located within a high potential Karst area.

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

Approximate Depth t	o Groundwater 90 Feet/BGS
□Yes ⊠No	Within 300 feet of any continuously flowing watercourse or any other significant watercourse
□Yes ⊠No	Within 200 feet of any lakebed, sinkhole or a playa lake
□Yes ⊠No	Within 300 feet from an occupied permanent residence, school, hospital, institution or church
∐Yes ⊠No	Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes
□Yes ⊠No	Within 1000 feet of any freshwater well or spring
∐Yes ⊠No	Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978
□Yes ⊠No	Within 300 feet of a wetland
□Yes ⊠No	Within the area overlying a subsurface mine
⊠Yes ⊡No	Within an unstable area
□Yes ⊠No	Within a 100-year floodplain

Because the release occurred in a high potential karst area, the clean up criteria for this site therefore is as follows.

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

Incident Description

According to the Initial C-141 (Appendix III), lightning struck the produced water tank causing a fire and a subsequent release of 120 barrels of produced water. As a result of heavy rains and flooding, roads were impassable for the fire department or vacuum trucks. No fluids were recovered and the entire release remained on the pad area. The site map is presented in Appendix I.

Site Assessment

On May 17, 2021, Talon mobilized personnel to the site and conducted an initial site assessment. The spill area was hand augured at six (6) sample positions. Due to the hard rock present, hand auger refusal was encountered at all sample locations. Additionally, four (4) background samples were collected in order to confirm the horizontal extent of the impacted area. All soil samples were properly packaged, preserved, and transported to Hall Laboratories via chain of custody for analysis of Total Chlorides (EPA Method 300.0), TPH (EPA Method 8015M) and BTEX (EPA Method 8021B). Sample locations are shown on the attached site assessment map and the results of our sampling event are presented in the following data table.

Sample ID	Sample Date	Depth ft.(BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
	ble 1 Closure 15.29 NMAC		50 mg/kg	10 mg/kg	combi	+ GRO ined = ng/kg		100 mg/kg	600 mg/kg
S-1	5/17-2021	0'-R	ND	ND	ND	ND	ND	-	19000
S-2	5/17-2021	0'-R	ND	ND	ND	ND	ND	-	22000
S-3	5/17-2021	0'-R	ND	ND	ND	ND	ND	-	17000
S-4	5/17-2021	0'-R	ND	ND	ND	ND	ND	-	2700
S-5	5/17-2021	0'-R	ND	ND	ND	ND	ND	-	130
S-6	5/17-2021	0'-R	ND	ND	ND	ND	ND	-	2400
BG-1	5/17-2021	0'-R	ND	ND	ND	ND	ND	-	140
BG-2	5/17-2021	0'-R	ND	ND	ND	ND	ND	-	260
BG-3	5/17-2021	0'-R	ND	ND	ND	ND	ND	-	330
BG-4	5/17-2021	0'-R	ND	ND	ND	ND	ND	-	840
R=Auge	er Refusal	N	D-Analy	te Not De	etected		BG=Ba	ckgrour	ld

Table I 05-26-21 Soil Sample Laboratory Results

R=Auger Refusal

DO-Dackyrounu

See Appendix V for the complete report of laboratory results.

Page | 4

Based on the laboratory results from the initial site assessment, on June 04, 2021, Talon personnel and equipment mobilized to the site in order to commence remediation of the impacted area. Approximately 1 to 2-feet bgs. was excavated. Sidewalls were advanced to the extent that field titration testing indicted chloride concentrations were below the NMOCD remediation level criteria. Composite soil samples from the bottom and sidewalls of the excavated area were collected and transported to Hall Laboratories in order to confirm that NMOCD clean up criteria had been achieved. The confirmation sample results from the laboratory are tabulated below for review and the sample locations are illustrated on the attached confirmation sample map in Appendix I.

							-	Total	
Sample ID	Sample Date	Depth ft.(BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	TPH mg/kg	Cl mg/kg
	ble 1 Closure 15.29 NMAC		50 mg/kg	10 mg/kg	comb	⊢GRO ined = ng/kg		100 mg/kg	600 mg/kg
S-1	6/4/2021	0'-1'	ND	ND	ND	ND	ND	-	350
S-2	6/4/2021	0'-1'	ND	ND	ND	ND	ND	-	320
S-3	6/4/2021	0'-1'	ND	ND	ND	ND	ND	-	530
6.4	6/4/2021	0'-1'	ND	ND	ND	ND	ND	-	590
S-4	6/4/2021	2′	ND	ND	ND	ND	ND	-	99
S-6	6/4/2021	0'-1'	ND	ND	ND	ND	ND	-	560
S-7	6/8/2021	1′	ND	ND	ND	ND	ND	-	ND
S-8	6/8/2021	1′	ND	ND	ND	ND	ND	-	68
S-9	6/8/2021	1′	ND	ND	ND	ND	ND	-	580
6.10	6/8/2021	1′	ND	ND	ND	ND	ND	-	610
S-10	6/8/2021	2′	ND	ND	ND	ND	ND	-	160
S-11	6/8/2021	1′	ND	ND	ND	ND	ND	-	400
S-12	6/8/2021	1′	ND	ND	ND	ND	ND	-	430
S-13	6/8/2021	1′	ND	ND	ND	ND	ND	-	310
S-14	6/8/2021	1′	ND	ND	ND	ND	ND	-	210
S-15	6/8/2021	1′	ND	ND	ND	ND	ND	-	230
S-16	6/8/2021	1′	ND	ND	ND	ND	ND	-	310
E-SW	6/4/2021	0'-1'	ND	ND	ND	18	ND	18	330
W-WS	6/4/2021	0'-1'	ND	ND	ND	ND	ND	-	66
N-SW	6/4/2021	0'-1'	ND	ND	ND	ND	ND	-	160
S-SW	6/4/2021	0'-1'	ND	ND	ND	ND	ND	-	100
BG-4A	6/4/2021	0′	ND	ND	ND	ND	ND	-	ND
ND-Analyte Not Detected BG=Background SW=Sidewall									

 Table II

 06-09-21 Soil Sample Laboratory Results

ND-Analyte Not Detected

BG=Background

SW=Sidewall

See Appendix V for the complete report of laboratory results.

Page | 5

Remedial Actions

- The spill footprint was vertically excavated to depths of 1 to 2-feet bgs. and horizontally extended until NMOCD remediation guidelines had been achieved.
- Fresh caliche was used to backfill the location. The work area was machine compacted and restored to surrounding grade as can be seen in the attached photo documentation section (Appendix IV).
- All contaminated soil was transported to Lea Land, LLC, an NMOCD approved disposal facility.
- Copies of the initial and final C-141 Forms are presented in Appendix III.

Closure

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

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

Respectfully submitted,

TALON/LPE

Rebecca Pons Senior Environmental Project Manager

David J. Adkins Regional Manager

Attachments:

- Appendix I Site Maps, Topographic Map, Karst Map
- Appendix II Groundwater Data, Soil Survey
- Appendix III Initial and Final C-141's
- Appendix IV Photo Documentation
- Appendix V Laboratory Analytical Data



APPENDIX I

SITE MAPS

Released to Imaging: 9/6/2022 1:48:11 PM

Received by OCD; 6/30/2021 11:25:50 AM Sam Smith Fed #001

EOG Resources Inc. API# 30-015-32581 Eddy County, NM Site Assessment Map



EG-2 O S-6 O S-5 O S-3 O EG-1 S-4 O S-2 O EG-3 O S-1 BG-4

Sam Smith Fed 1

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EOG Resources Inc API # 30-015-32581 Eddy County, NM Confirmation Sample Map



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EOG Resources Inc. API# 30-015-32581 Eddy County, NM Karst Map LegendPage 13 of 87Image: HighImage: LowImage: MediumImage: Sam Smith Fed 1

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APPENDIX II

SOIL SURVEY, GROUNDWATER DATA

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Eddy Area, New Mexico

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

Map Unit Setting

National map unit symbol: 1w4c Elevation: 1,600 to 4,800 feet Mean annual precipitation: 10 to 18 inches Mean annual air temperature: 58 to 66 degrees F Frost-free period: 195 to 240 days Farmland classification: Not prime farmland

Map Unit Composition

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

Description of Ector

Setting

Landform: Hills, ridges Landform position (two-dimensional): Backslope, footslope, shoulder, toeslope Landform position (three-dimensional): Crest, nose slope, side slope, head slope Down-slope shape: Convex Across-slope shape: Linear Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 6 inches: very cobbly loam H2 - 6 to 60 inches: bedrock

Properties and qualities

Slope: 9 to 25 percent
Depth to restrictive feature: 4 to 20 inches to lithic bedrock
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to high (0.06 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 60 percent
Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water capacity: Very low (about 0.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

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

Page 17 of 87

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

Minor Components

Rock outcrop

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

Ector

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

Data Source Information

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





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

(A CLW##### in the (R=POD has POD suffix indicates been replaced, the POD has been O=orphaned. replaced & no longer (quarters are 1=NW 2=NE 3=SW 4=SE) serves a water right C=the file is (quarters are smallest to file.) closed) (NAD83 UTM in meters) (In feet) largest) POD Sub-QQQ Water Х **DistanceDepthWellDepthWaterColumn POD Number** Code basin County 6416 4 Sec Tws Rng γ C 02155 С ED 3 4 33 23S 24E 546992 3568808* 1367 307 90 217 С C 02341 ED 4 2 29 23S 24E 545869 3571111* 2105 200 4 С <u>C 01301</u> ED 3 2 29 23S 24E 545368 3571208* 2207 202 170 32 C 01826 С ED 4 1 28 23S 24E 547017 3570815 2263 1320 663 657 С C 02247 ED 09 24S 24E 547215 3565831* 3554 300 115 185 4 С <u>C 01555</u> FD 3 3 02 24S 24E 4182 380 250 549427 3567240* 130 1 1 1 11 24S 24E C 02363 CUB ED 549321 3566942* 4225 300 RA 10195 RA 3 25 23S 23E 541298 3570677* 4648 336 FD 3 1 CUB C 02372 ED 4 3 2 02 24S 24E 550318 3567938* 4800 300 L 14949 POD1 L LE 3 3 3 03 18S 38E 550464 3567840 🧉 4965 200 Average Depth to Water: 257 feet 90 feet Minimum Depth: Maximum Depth: 663 feet Record 10 Count: UTMNAD83 Radius Search (in meters):

Easting (X): 545640.63

*UTM location was derived from PLSS - see Help

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

Radius: 5000

Northing (Y): 3569017.5

6/9/21 1:54 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



APPENDIX III

C-141 Forms

20 of 87

It Is, First St., Artesia, NM 88210 OUT OF 2014 Submit 1 Copy to appropriat accordance with 220 S. St. Francis Dr., Santa Fe, NM 87505 Submit 1 Copy to appropriat accordance with 220 S. St. Francis Dr., Santa Fe, NM 87505 Release Notification and Corrective Action Marce IV 220 S. St. Francis Dr., Santa Fe, NM 87505 Release Notification and Corrective Action Marce IV 220 S. St. Francis Dr., Santa Fe, NM 87505 Release Notification and Corrective Action Marce IV 220 S. St. Francis Dr., Santa Fe, NM 87505 Release Notification and Corrective Action Marce With 87505 OGRID Number 25575 Robert Asher Address Telephone No. 104 S. 4 th Street Sanuel Smith BIY Federal #1 Battery Surface Owner Mineral Owner Federal ADCATION OF RELEASE Unit Letter 32 Z3S Z4E Yate Perform the 1400 North/South Line South Feet from the 1170 East/West Line East/West Line 20 B/PW County East Unit Letter 32 Z3S Z4E Feet from the 1400<	Form C-141 vised August 8, 2011 e District Office in a 19.15.29 NMAC.				
23 N. French DF., Hobbs, NM 88240 strict.II Energy Minerals and Natural Resources OCT 01 2014 Re 13. First St., Ariesia, NM 88210 strict.III Oil Conservation Division Submit 1 Copy to appropriat accordance with 1220 South St. Francis Dr. Santa Fe, NM 87505 OUT 01 2014 Re Submit 1 Copy to appropriat accordance with 1220 South St. Francis Dr. Santa Fe, NM 87505 Release Notification and Corrective Action Merease Notification and Corrective Action Mame of Company OGRID Number Contact Release Notification and Corrective Action Mane of Company OGRID Number Contact Release Notification and Corrective Action Mineral Smith B1Y Federal #1 Surface Owner State LOCATION OF RELEASE Unit Letter Section Township Range State LOCATION OF RELEASE Unit Letter Section Township Range	vised August 8, 2011 e District Office in 1 19.15.29 NMAC.				
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tritet III IN Rio Brazos Road, Aztee, NM 87410 Oil Conservation Division Submit 1 Copy to appropriat accordance with RECEIVED 1220 South St. Francis Dr. Santa Fe, NM 87505 Release Notification and Corrective Action NAD 142 752 81/3 OPERATOR Initial Report Iame of Company OGRID Number 25575 Contact. Robert Asher Initial Report Iame of Company OGRID Number 25575 Contact. Robert Asher Initial Report iddress 575-748-1471 Sacolity Type accility Type Joint Conservation Division amuel Smith BIY Federal #1 Mineral Owner Federal API No. 30-015-32581 LOCATION OF RELEASE Jnit Letter Section 32 Township 238 Range 24E Feet from the 1400 Feet from the North/South Line 120 B/PW East/West Line 120 B/PW County Eddy Volume of Release Produced Water Cype of Release Volume of Release Produced Water Volume of Release Produced Mater Volume and Hour of Disc 9/12/2014; AM Date and Hour of Disc 9/12/2014; AM Date and Hour of Disc					
T1220 South St. Francis Dr. Santa Fe, NM 87505 RECEIVED Santa Fe, NM 87505 RECEIVED Release Notification and Corrective Action Age OPERATOR Initial Report Name of Company OGRID Number Contact. Address Telephone No. S75-748-1471 Samuel Smith BIY Federal #1 Battery API No. Surface Owner Mineral Owner API No. State Township Range Feet from the South St. Francis Dr. South St. Francis Dr. State API No. Juit Letter Section Township Range Feet from the South St. Francis Dr. South St					
Santa Fe, NM 87505 Release Notification and Corrective Action A (b) 42,752,811,3 OPERATOR Initial Report Jame of Company OGRID Number Contact. Vates Petroleum Corporation 25575 Robert Asher Address Telephone No. 575-748-1471 Samuel Smith BIY Federal #1 Battery Surface Owner Mineral Owner State Contact API No. Joint Letter Section Township Range Federal South Fed from the East/West Line County Jnit Letter Section Township Range Fect from the East Eddy LoCATION OF RELEASE Jnit Letter Section Township Range Fect from the East Eddy Latitude_32.25683_Longitude_104.51506 NATURE OF RELEASE Volume of Release Volume Recovered Yoluced Water Oate and Hour of Doccurrence Date and Hour of Disc Source of Release Volume and Hour of Occurrence Date and Hour of Disc	Final Repo				
No.00 142 (152.8)1/3 OPERATOR Initial Report Name of Company (Adterss) OGRID Number 25575 Contact Robert Asher Initial Report Address 25575 Robert Asher Initial Report Address Telephone No. 575-748-1471 575-748-1471 Facility Name Facility Type Battery Surface Owner Mineral Owner Federal API No. 30-015-32581 Surface Owner Mineral Owner Federal API No. 30-015-32581 LOCATION OF RELEASE Joint Letter 1400 Feet from the South Feet from the 1170 East/West Line Eddy County Eddy Latitude_32.25683 Longitude _104.51506 Initial Report North/South Line 20 B/PW Feet from the 120 B/PW Date and Hour of Occurrence 20 B/PW Volume Recovered 0 B/PW Surge of Release Production Tank Date and Hour of Occurrence 9/12/2014; AM Date and Hour of Occurrence Date and Hour of Disc 9/12/2014; AM	Final Repo				
Jame of Company OGRID Number 25575 Contact. Robert Asher Yates Petroleum Corporation 25575 Robert Asher Nddress Telephone No. 575-748-1471 575-748-1471 acility Name 575-748-1471 575-748-1471 acility Name Facility Type Battery Surface Owner Mineral Owner Federal Facility Type State Mineral Owner Federal API No. 30-015-32581 LOCATION OF RELEASE Jnit Letter Section Township Range 24E Feet from the 1400 Feet from the South East/West Line County Latitude 32.25683 Longitude 104.51506 Eddy Eddy Volume of Release Yop of Release Volume of Release Volume Recovered 0 B/PW 0 B/PW Source of Release Date and Hour of Occurrence Date and Hour of Disc 9/12/2014; AM 9/12/2014; AM	Final Repo				
Kates Petroleum Corporation 25575 Robert Asher Address Telephone No. 575-748-1471 Gut S. 4 th Street 575-748-1471 575-748-1471 'acility Name Facility Type Battery Surface Owner Mineral Owner API No. State Federal 30-015-32581 LOCATION OF RELEASE Jnit Letter Section Township 32 Z3S Z4E Fed from the 1400 North/South Line Feet from the South East/West Line County. Latitude_32.25683 Longitude_104.51506 Eddy Eddy Eddy Volume of Release Toduced Water Volume of Release Volume Recovered 0 B/PW 0 B/PW Source of Release Date and Hour of Occurrence Date and Hour of Disc Production Tank 9/12/2014; AM 9/12/2014; AM 9/12/2014; AM					
Address Telephone No. 04 S. 4 th Street 575-748-1471 acility Name Facility Type Battery Surface Owner Federal #1 Surface Owner Federal #1 Surf					
04 S. 4 th Street 575-748-1471 acility Name amuel Smith BIY Federal #1 Federal #1 urface Owner tate Mineral Owner Federal API No. 30-015-32581 LOCATION OF RELEASE Location of pression of the section of the					
Battery Battery API No. 30-015-32581 LOCATION OF RELEASE LOCATION OF RELEASE Init Letter Section 1000 23S Range 24E Feet from the 1400 North/South Line South Feet from the 1170 East/West Line Eddy County Eddy Latitude 32.25683 Longitude 104.51506 Volume of Release Volume Recovered 0 B/PW Volume of Release Volume Recovered 0 B/PW Oute and Hour of Occurrence Date and Hour of Occurrence Date and Hour of Occurrence Production Tank					
urface Owner Mineral Owner API No. tate Federal 30-015-32581 LOCATION OF RELEASE LOCATION OF RELEASE Init Letter Section Township 32 23S 24E 1400 North/South Line Feet from the 1170 East/West Line County Eddy Eddy Latitude_32.25683 Longitude_104.51506 NATURE OF RELEASE Volume Recovered vpe of Release Volume of Release Volume Recovered roduced Water Date and Hour of Occurrence Date and Hour of Disc ource of Release Volute of Release Volute of Date and Hour of Disc roduction Tank 9/12/2014; AM 9/12/2014; AM					
Tate 30-015-32581 LOCATION OF RELEASE Init Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County 1 32 23S 24E 1400 North/South Line Feet from the 1170 East/West Line County Latitude_32.25683 Longitude_104.51506 NATURE OF RELEASE Ype of Release Volume of Release Volume Recovered 0 B/PW ource of Release Date and Hour of Occurrence Date and Hour of Disc 9/12/2014; AM 9/12/2014; AM					
LOCATION OF RELEASE Init Letter Section Township Range Feet from the South Feet from the East/West Line County 1 32 23S 24E 1400 North/South Feet from the 1170 East/West Line County Latitude_32.25683 Longitude_104.51506 NATURE OF RELEASE NATURE OF RELEASE Volume Recovered 0 Vpe of Release Volume of Release Volume of Release Volume Recovered 0 B/PW 0 B/PW Source of Release Date and Hour of Occurrence Date and Hour of Disc 9/12/2014; AM 9/12/2014; AM					
Init Letter Section Township Range Feet from the North/South Feet from the East/West Line County I 32 23S 24E 1400 North/South Feet from the 1170 East/West Eddy Latitude_32.25683 Longitude_104.51506 NATURE OF RELEASE Volume of Release Volume Recovered 0 B/PW vpe of Release Volume of Release Volume of Occurrence Date and Hour of Occurrence Date and Hour of Disc voduction Tank 9/12/2014; AM 9/12/2014; AM 9/12/2014; AM					
I 32 23S 24E 1400 South 1170 East Eddy Latitude_32.25683 Longitude_104.51506 NATURE OF RELEASE ype of Release roduced Water Volume of Release 120 B/PW Volume Recovered 0 B/PW ource of Release roduction Tank Date and Hour of Occurrence 9/12/2014; AM Date and Hour of Disc 9/12/2014; AM					
Latitude_32.25683 Longitude_104.51506 NATURE OF RELEASE Volume of Release Volume Recovered roduced Water 120 B/PW 0 B/PW ource of Release Date and Hour of Occurrence Date and Hour of Disc Production Tank 9/12/2014; AM 9/12/2014; AM					
NATURE OF RELEASE ype of Release Volume of Release Volume Recovered roduced Water 120 B/PW 0 B/PW ource of Release Date and Hour of Occurrence Date and Hour of Disc roduction Tank 9/12/2014; AM 9/12/2014; AM					
NATURE OF RELEASE ype of Release Volume of Release Volume Recovered roduced Water 120 B/PW 0 B/PW ource of Release Date and Hour of Occurrence Date and Hour of Disc roduction Tank 9/12/2014; AM 9/12/2014; AM	<u></u>				
vpe of Release oduced WaterVolume of Release 120 B/PWVolume Recovered 0 B/PWDurce of Release roduction TankDate and Hour of Occurrence 9/12/2014; AMDate and Hour of Disc 9/12/2014; AM					
Durce of ReleaseDate and Hour of OccurrenceDate and Hour of Discroduction Tank9/12/2014; AM9/12/2014; AM					
oduction Tank 9/12/2014; AM 9/12/2014; AM	0.10th				
/as Immediate Notice Given?					
Yes No Not Required Mike Bratcher/NMOCD II					
By Whom? Date and Hour Robert Asher/Yates Petroleum Corporation 9/12/2014: AM					
Vas a Watercourse Reached? If YES, Volume Impacting the Watercourse.					
Yes No					
f a Watercourse was Impacted, Describe Fully.*					
Describe Cause of Problem and Remedial Action Taken.*	<u></u>				
ightning struck the produced water tank, causing a fire and the release of the produced water in that tank. Because of heavy rains and f Department and vacuum truck(s) were unable to reach location. The battery is to be relocated on the production pad.	looding Fire				
Describe Area Affected and Cleanup Action Taken.*					
An approximate area of 20'X 50'. No produced water was recovered. Once the batter is moved the impacted soils will be excavated/hat					
pproved facility. Vertical and horizontal delineation samples will be taken and analysis ran for TPH & BTEX (chlorides for documenta nalytical results for TPH & BTEX are under RRAL's (site ranking is 0) a Final Report, C-141 will be submitted to the NMOCD reque	tion J. It initial sting closure. If the				
nalytical results are above the RRAL a work plan will be submitted to the NMOCD. Depth to Ground Water: >100' (approximately					
hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NM(OCD rules and				
egulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which	may endanger				
r the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance w	ith any other				
	N				
OIL CONSERVATION DIVISIO	N 7				
ignature: CACA ·	л 7				
Approved by Environmental Specialist:	2 				
Signature: Approved by Environmental Specialist: Printed Name: Robert Asher Approved by Environmental Specialist:	2 4				
Signature: Approved by Environmental Specialist: Printed Name: Robert Asher Approved by Environmental Specialist: Fitle: NM Environmental Regulatory Supervisor Approval Date: 10/1/12/	2 				
rinted Name: Robert Asher Approved by Environmental Specialist:	7 				
ChevronTexaco Trend Map), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMC regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the oper should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface was or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance w federal, state, or local laws and/or regulations:	DCD rules an may endange ator of liabili ter, human he				

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 ite	ms must be included in the closure report.
\square A scaled site and sampling diagram as described in 19.15.29.11	NMAC
Photographs of the remediated site prior to backfill or photos o must be notified 2 days prior to liner inspection)	f the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC)	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 is may endanger public health or the environment. The acceptance of a should their operations have failed to adequately investigate and reme human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulati restore, reclaim, and re-vegetate the impacted surface area to the cond accordance with 19.15.29.13 NMAC including notification to the OC Printed Name: <u>Robert Asher</u> Title: <u>NM Regulatory Super</u>	ediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ons. The responsible party acknowledges they must substantially litions that existed prior to the release or their final land use in D when reclamation and re-vegetation are complete.
Signature:	Date:6/16/2021
Email: <u>Bob_Asher@eogresources.com</u>	Telephone: <u>575-748-4217</u>
OCD Only	
Received by:	Date:
	f liability should their operations have failed to adequately investigate and ater, human health, or the environment nor does not relieve the responsible regulations.
Closure Approved by:	Date:
Printed Name:	Title:



APPENDIX IV

PHOTOGRAPHIC DOCUMENTATION

EOG Resources Inc., Samuel Smith BIY Fed. #1

PHOTO DOCUMENTATION



Impacted Area Looking South



Excavated Area-South Sidewall



Backfilled Excavation



Impacted Area Looking Northeast



Excavated Area-North Sidewall S4



Pad Area Restored to Grade



APPENDIX V

LABORATORY DATA



May 26, 2021

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

RE: Samuel Smith Fed Com 1

OrderNo.: 2105800

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 10 sample(s) on 5/19/2021 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,

ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Samuel Smith Fed Com 1

Project:

Analytical Report
Lab Order 2105800

Hall	Envir	onmental	Analysis	Laborat	ory, Inc.

Date Reported: 5/26/2021

Client Sample ID: S-1 0'R
Collection Date: 5/17/2021 11:00:00 AM
Received Date: 5/19/2021 7:28:00 AM

Lab ID: 2105800-001	Matrix: SOIL		Received Dat	e: 5/1	9/2021 7:28:00 4	AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed		Batch
EPA METHOD 300.0: ANIONS					A	nalyst	VP
Chloride	19000	600	mg/Kg	200	5/21/2021 7:32:1	1 AM	60159
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				A	nalyst	mb
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	5/21/2021 9:14:2	7 AM	60148
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/21/2021 9:14:2	7 AM	60148
Surr: DNOP	109	70-130	%Rec	1	5/21/2021 9:14:2	7 AM	60148
EPA METHOD 8015D: GASOLINE RANG	E				A	nalyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/20/2021 12:56:	08 PM	60139
Surr: BFB	98.6	70-130	%Rec	1	5/20/2021 12:56:	08 PM	60139
EPA METHOD 8021B: VOLATILES					A	nalyst	NSB
Benzene	ND	0.025	mg/Kg	1	5/20/2021 12:56:	08 PM	60139
Toluene	ND	0.049	mg/Kg	1	5/20/2021 12:56:	08 PM	60139
Ethylbenzene	ND	0.049	mg/Kg	1	5/20/2021 12:56:	08 PM	60139
Xylenes, Total	ND	0.098	mg/Kg	1	5/20/2021 12:56:	08 PM	60139
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	1	5/20/2021 12:56:	08 PM	60139

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

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

Page 1 of 15

Surr: 4-Bromofluorobenzene

Analytical Report Lab Order 2105800

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/26/2021

CLIENT: Talon Artesia		Client Sample ID: S-2 0'R								
Project: Samuel Smith Fed Com 1	Collection Date: 5/17/2021 11:05:00 AM Matrix: SOIL Received Date: 5/19/2021 7:28:00 AM									
Lab ID: 2105800-002	Matrix: SOIL	9/2021 7:28:00 AM								
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS						Analyst	: VP			
Chloride	22000	1500		mg/Kg	500) 5/21/2021 7:44:35 AM	60159			
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	: mb			
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/21/2021 9:24:04 AM	60148			
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/21/2021 9:24:04 AM	60148			
Surr: DNOP	131	70-130	S	%Rec	1	5/21/2021 9:24:04 AM	60148			
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB			
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/20/2021 2:06:52 PM	60139			
Surr: BFB	99.1	70-130		%Rec	1	5/20/2021 2:06:52 PM	60139			
EPA METHOD 8021B: VOLATILES						Analyst	: NSB			
Benzene	ND	0.024		mg/Kg	1	5/20/2021 2:06:52 PM	60139			
Toluene	ND	0.048		mg/Kg	1	5/20/2021 2:06:52 PM	60139			
Ethylbenzene	ND	0.048		mg/Kg	1	5/20/2021 2:06:52 PM	60139			
Xylenes, Total	ND	0.096		mg/Kg	1	5/20/2021 2:06:52 PM	60139			

109

70-130

%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
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- RL Reporting Limit
 - imit
- Page 2 of 15

60139

5/20/2021 2:06:52 PM

Samuel Smith Fed Com 1

Project:

Analytical Report Lab Order 2105800

Hall Environmental Analysis Laboratory, Inc.
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Date Reported: 5/26/2021

Client Sample ID: S-3 0'R Collection Date: 5/17/2021 11:10:00 AM Received Date: 5/19/2021 7:28:00 AM

Lab ID: 2105800-003	Matrix: SOIL	Received Date: 5/19/2021 7:28:00 AM						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analys	t: VP		
Chloride	17000	600	mg/Kg	200	0 5/21/2021 7:57:00 AM	60159		
EPA METHOD 8015M/D: DIESEL R/	ANGE ORGANICS				Analys	t: mb		
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	5/21/2021 9:33:45 AM	60148		
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/21/2021 9:33:45 AM	60148		
Surr: DNOP	109	70-130	%Rec	1	5/21/2021 9:33:45 AM	60148		
EPA METHOD 8015D: GASOLINE R	RANGE				Analys	t: NSB		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/20/2021 2:30:24 PM	60139		
Surr: BFB	101	70-130	%Rec	1	5/20/2021 2:30:24 PM	60139		
EPA METHOD 8021B: VOLATILES					Analys	t: NSB		
Benzene	ND	0.024	mg/Kg	1	5/20/2021 2:30:24 PM	60139		
Toluene	ND	0.049	mg/Kg	1	5/20/2021 2:30:24 PM	60139		
Ethylbenzene	ND	0.049	mg/Kg	1	5/20/2021 2:30:24 PM	60139		
Xylenes, Total	ND	0.098	mg/Kg	1	5/20/2021 2:30:24 PM	60139		
Surr: 4-Bromofluorobenzene	110	70-130	%Rec	1	5/20/2021 2:30:24 PM	60139		

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
- D Sample Diluted Due to MatrixH 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
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- P Sample pH Not In RL Reporting Limit

Page 3 of 15

Samuel Smith Fed Com 1

2105800-004

Project:

Lab ID:

Analytical Report Lab Order 2105800

Hall Environmental Analysis Laboratory, Inc.

Inc.	Date Reported: 5/26/2021
	Client Sample ID: S-4 0'R
	Collection Date: 5/17/2021 11:15:00 AM
	Received Date: 5/19/2021 7:28:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	2700	150	mg/Kg	50	5/21/2021 8:09:24 AM	60159
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: JME
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	5/21/2021 11:02:52 AN	1 60148
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/21/2021 11:02:52 AN	1 60148
Surr: DNOP	73.2	70-130	%Rec	1	5/21/2021 11:02:52 AN	1 60148
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/20/2021 2:54:18 PM	60139
Surr: BFB	98.2	70-130	%Rec	1	5/20/2021 2:54:18 PM	60139
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	5/20/2021 2:54:18 PM	60139
Toluene	ND	0.047	mg/Kg	1	5/20/2021 2:54:18 PM	60139
Ethylbenzene	ND	0.047	mg/Kg	1	5/20/2021 2:54:18 PM	60139
Xylenes, Total	ND	0.094	mg/Kg	1	5/20/2021 2:54:18 PM	60139
Surr: 4-Bromofluorobenzene	106	70-130	%Rec	1	5/20/2021 2:54:18 PM	60139

Matrix: SOIL

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 4 of 15

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Samuel Smith Fed Com 1

2105800-005

Project:

Lab ID:

Analytical Report Lab Order 2105800

Date Reported: 5/26/2021

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-5 0'R **Collection Date:** 5/17/2021 11:20:00 AM

Received Date: 5/19/2021 7:28:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	130	60	mg/Kg	20	5/20/2021 6:24:31 PM	60159
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: mb
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	5/21/2021 9:43:25 AM	60148
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/21/2021 9:43:25 AM	60148
Surr: DNOP	77.3	70-130	%Rec	1	5/21/2021 9:43:25 AM	60148
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/20/2021 3:17:56 PM	60139
Surr: BFB	99.6	70-130	%Rec	1	5/20/2021 3:17:56 PM	60139
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	5/20/2021 3:17:56 PM	60139
Toluene	ND	0.050	mg/Kg	1	5/20/2021 3:17:56 PM	60139
Ethylbenzene	ND	0.050	mg/Kg	1	5/20/2021 3:17:56 PM	60139
Xylenes, Total	ND	0.099	mg/Kg	1	5/20/2021 3:17:56 PM	60139
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	1	5/20/2021 3:17:56 PM	60139

Matrix: SOIL

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 5 of 15

Samuel Smith Fed Com 1

2105800-006

Project:

Lab ID:

Analytical Report Lab Order 2105800

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/26/2021
Client Sample ID: S-6 0'R

Collection Date: 5/17/2021 11:25:00 AM Received Date: 5/19/2021 7:28:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	2400	150	mg/Kg	50	5/21/2021 8:21:48 AM	60159
EPA METHOD 8015M/D: DIESEL RANGE O	ORGANICS				Analyst	: mb
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	5/21/2021 9:53:08 AM	60148
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/21/2021 9:53:08 AM	60148
Surr: DNOP	95.8	70-130	%Rec	1	5/21/2021 9:53:08 AM	60148
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/20/2021 3:41:30 PM	60139
Surr: BFB	100	70-130	%Rec	1	5/20/2021 3:41:30 PM	60139
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	5/20/2021 3:41:30 PM	60139
Toluene	ND	0.049	mg/Kg	1	5/20/2021 3:41:30 PM	60139
Ethylbenzene	ND	0.049	mg/Kg	1	5/20/2021 3:41:30 PM	60139
Xylenes, Total	ND	0.097	mg/Kg	1	5/20/2021 3:41:30 PM	60139
Surr: 4-Bromofluorobenzene	110	70-130	%Rec	1	5/20/2021 3:41:30 PM	60139

Matrix: SOIL

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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Surr: 4-Bromofluorobenzene

Analytical Report Lab Order 2105800

5/20/2021 4:52:13 PM 60139

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/26/2021
Client Sample ID: BG-1 0'R

CLIENT: Talon Artesia	Client Sample ID: BG-1 0'R									
Project: Samuel Smith Fed Com 1	Collection Date: 5/17/2021 11:40:00 AM									
Lab ID: 2105800-007	Matrix: SOIL	Matrix: SOIL Received Date: 5/19/2021 7:28:00								
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS					Analyst	: VP				
Chloride	140	60	mg/Kg	20	5/20/2021 6:49:19 PM	60159				
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: mb				
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	5/21/2021 10:02:49 AM	60148				
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/21/2021 10:02:49 AM	60148				
Surr: DNOP	103	70-130	%Rec	1	5/21/2021 10:02:49 AM	60148				
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	NSB				
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/20/2021 4:52:13 PM	60139				
Surr: BFB	100	70-130	%Rec	1	5/20/2021 4:52:13 PM	60139				
EPA METHOD 8021B: VOLATILES					Analyst	: NSB				
Benzene	ND	0.024	mg/Kg	1	5/20/2021 4:52:13 PM	60139				
Toluene	ND	0.049	mg/Kg	1	5/20/2021 4:52:13 PM	60139				
Ethylbenzene	ND	0.049	mg/Kg	1	5/20/2021 4:52:13 PM	60139				
Xylenes, Total	ND	0.098	mg/Kg	1	5/20/2021 4:52:13 PM	60139				

108

70-130

%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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Analytical Report Lab Order 2105800

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/26/2021
Client Sample ID: BG-2 0'R

Project:	Samuel Smith Fed Com 1		Collection Date: 5/17/2021 11:45:00 AM							
Lab ID:	2105800-008	Matrix: SOIL		Received Dat	e: 5/1	19/2021 7:28:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA ME	THOD 300.0: ANIONS					Analysi	: VP			
Chloride	9	260	60	mg/Kg	20	5/20/2021 7:01:44 PM	60159			
EPA ME	THOD 8015M/D: DIESEL RAM	IGE ORGANICS				Analyst	: mb			
Diesel F	Range Organics (DRO)	ND	9.8	mg/Kg	1	5/21/2021 10:12:32 AN	60148			
Motor O	il Range Organics (MRO)	ND	49	mg/Kg	1	5/21/2021 10:12:32 AN	60148			
Surr:	DNOP	85.9	70-130	%Rec	1	5/21/2021 10:12:32 AN	60148			
EPA ME	THOD 8015D: GASOLINE RA	NGE				Analyst	: NSB			
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	5/20/2021 5:15:45 PM	60139			
Surr:	BFB	99.0	70-130	%Rec	1	5/20/2021 5:15:45 PM	60139			
EPA ME	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	e	ND	0.024	mg/Kg	1	5/20/2021 5:15:45 PM	60139			
Toluene		ND	0.048	mg/Kg	1	5/20/2021 5:15:45 PM	60139			
Ethylber	nzene	ND	0.048	mg/Kg	1	5/20/2021 5:15:45 PM	60139			
Xylenes	, Total	ND	0.095	mg/Kg	1	5/20/2021 5:15:45 PM	60139			
Surr:	4-Bromofluorobenzene	108	70-130	%Rec	1	5/20/2021 5:15:45 PM	60139			

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
- D Sample Diluted Due to MatrixH Holding times for preparation or analysis exceed
- H
 Holding times for preparation or analysis exceeded

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range RL Reporting Limit
- Page 8 of 15

Released to Imaging: 9/6/2022 1:48:11 PM

Analytical Report Lab Order 2105800

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/26/2021 Client Sample ID: BG-3 0'R

Project: Lab ID:	Samuel Smith Fed Com 1 2105800-009	Matrix: SOIL	•		bllection Date: 5/17/2021 11:50:00 AM Received Date: 5/19/2021 7:28:00 AM							
Analyses	S	Result	RL	Qual	Units	DF	Date Analyzed	Batch				
EPA ME	THOD 300.0: ANIONS						Analyst	: VP				
Chloride	9	330	60		mg/Kg	20	5/20/2021 7:14:08 PM	60159				
EPA ME	THOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst	mb				
Diesel F	Range Organics (DRO)	ND	9.3		mg/Kg	1	5/21/2021 10:22:16 AM	60148				
Motor Oil Range Organics (MRO)		ND	47		mg/Kg	1	5/21/2021 10:22:16 AM	60148				
Surr:	DNOP	56.2	70-130	S	%Rec	1	5/21/2021 10:22:16 AM	60148				
EPA ME	THOD 8015D: GASOLINE RAN	GE					Analyst	NSB				
Gasolin	e Range Organics (GRO)	ND	4.8		mg/Kg	1	5/20/2021 5:39:21 PM	60139				
Surr:	BFB	99.4	70-130		%Rec	1	5/20/2021 5:39:21 PM	60139				
EPA ME	THOD 8021B: VOLATILES						Analyst	NSB				
Benzen	e	ND	0.024		mg/Kg	1	5/20/2021 5:39:21 PM	60139				
Toluene		ND	0.048		mg/Kg	1	5/20/2021 5:39:21 PM	60139				
Ethylber	nzene	ND	0.048		mg/Kg	1	5/20/2021 5:39:21 PM	60139				
Xylenes	, Total	ND	0.096		mg/Kg	1	5/20/2021 5:39:21 PM	60139				
Surr:	4-Bromofluorobenzene	109	70-130		%Rec	1	5/20/2021 5:39:21 PM	60139				

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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Surr: 4-Bromofluorobenzene

Analytical Report
Lab Order 2105800

5/20/2021 6:02:53 PM 60139

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/26/2021

CLIENT: Talon Artesia Project: Samuel Smith Fed Com 1	Client Sample ID: BG-4 0'R Collection Date: 5/17/2021 11:55:00 AM Matrix: SOIL Received Date: 5/19/2021 7:28:00 AM								
Lab ID: 2105800-010	Matrix: SOIL		Receiv	ved Date	e: 5/1	9/2021 /:28:00 AM			
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS						Analyst	: VP		
Chloride	840	60		mg/Kg	20	5/20/2021 7:26:33 PM	60159		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	mb		
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/21/2021 10:31:58 AM	60148		
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/21/2021 10:31:58 AM	60148		
Surr: DNOP	67.6	70-130	S	%Rec	1	5/21/2021 10:31:58 AM	60148		
EPA METHOD 8015D: GASOLINE RANGE	E					Analyst	NSB		
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/20/2021 6:02:53 PM	60139		
Surr: BFB	96.9	70-130		%Rec	1	5/20/2021 6:02:53 PM	60139		
EPA METHOD 8021B: VOLATILES						Analyst	NSB		
Benzene	ND	0.024		mg/Kg	1	5/20/2021 6:02:53 PM	60139		
Toluene	ND	0.049		mg/Kg	1	5/20/2021 6:02:53 PM	60139		
Ethylbenzene	ND	0.049		mg/Kg	1	5/20/2021 6:02:53 PM	60139		
Xylenes, Total	ND	0.097		mg/Kg	1	5/20/2021 6:02:53 PM	60139		

106

70-130

%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
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- RL Reporting Limit

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Client: Project:	1.010	on Artesia uel Smith Fed Co	om 1								
Sample ID: MB-60159 SampType: MBLK TestCode: EPA Method 300.0: Anions											
Client ID:	PBS	Batch	D: 60	159	F	RunNo: 77	526				
Prep Date:	5/20/2021	Analysis Da	te: 5/	20/2021	5	SeqNo: 27	52497	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-60159	SampTy	pe: LC	s	Tes	tCode: EP	A Method	300.0: Anion	s		
Client ID:	LCSS	Batch	D: 60	159	F	RunNo: 77	526				
Prep Date:	5/20/2021	Analysis Da	te: 5 /	20/2021	S	SeqNo: 27	52498	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		15	1.5	15.00	0	97.3	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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2105800

26-May-21

WO#:
QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

PQL

Result

4.4

	Artesia l Smith Fed Com 1		
Sample ID: MB-60148	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 60148	RunNo: 77563	
Prep Date: 5/19/2021	Analysis Date: 5/21/2021	SeqNo: 2752797	Units: mg/Kg
Analyte	Result PQL SPK value SP	PK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10		
Motor Oil Range Organics (MRO)	ND 50		
Surr: DNOP	12 10.00	121 70	130
Sample ID: LCS-60148	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 60148	RunNo: 77563	
Prep Date: 5/19/2021	Analysis Date: 5/21/2021	SeqNo: 2752798	Units: mg/Kg
Analyte	Result PQL SPK value SP	PK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	55 10 50.00	0 111 68.9	141
Surr: DNOP	5.8 5.000	116 70	130
Sample ID: MB-60164	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 60164	RunNo: 77604	
Prep Date: 5/20/2021	Analysis Date: 5/22/2021	SeqNo: 2754502	Units: %Rec
Analyte	Result PQL SPK value SP	PK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Surr: DNOP	9.7 10.00	97.3 70	130
Sample ID: LCS-60164	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 60164	RunNo: 77604	
Prep Date: 5/20/2021	Analysis Date: 5/22/2021	SeqNo: 2754504	Units: %Rec

SPK value SPK Ref Val %REC

5.000

Surr: DNOP

Analyte

Qualifiers:

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

в Analyte detected in the associated Method Blank

LowLimit

70

88.6

HighLimit

130

- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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%RPD

RPDLimit

Qual

2105800

26-May-21

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2105800

26-May-21

	n Artesia 1el Smith Fed Com 1	
Sample ID: mb-60139	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range
Client ID: PBS	Batch ID: 60139	RunNo: 77537
Prep Date: 5/19/2021	Analysis Date: 5/20/2021	SeqNo: 2752224 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 5.0 990 1000	99.2 70 130
Sample ID: Ics-60139	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range
Client ID: LCSS	Batch ID: 60139	RunNo: 77537
Prep Date: 5/19/2021	Analysis Date: 5/20/2021	SeqNo: 2752225 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO)		0 98.6 78.6 131
Surr: BFB	1100 1000	110 70 130
Sample ID: mb-60157	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range
Client ID: PBS	Batch ID: 60157	RunNo: 77587
Prep Date: 5/20/2021	Analysis Date: 5/21/2021	SeqNo: 2753626 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: BFB	960 1000	95.8 70 130
Sample ID: Ics-60157	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range
Client ID: LCSS	Batch ID: 60157	RunNo: 77587
Prep Date: 5/20/2021	Analysis Date: 5/21/2021	SeqNo: 2753627 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: BFB	1100 1000	108 70 130

Qualifiers:

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

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

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

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	Talon Art Samuel S	tesia mith Fed (Com 1								
Sample ID:	mb-60139	Samp	Гуре: МЕ	BLK	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	PBS	Batc	h ID: 60	139	F	RunNo: 7	7537				
Prep Date:	5/19/2021	Analysis I	Date: 5/	20/2021	S	SeqNo: 2	752268	Units: mg/k	٨g		
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-Brom	ofluorobenzene	1.1		1.000		109	70	130			
Sample ID:	LCS-60139	Samp	Гуре: LC	S	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batc	h ID: 60	139	F	RunNo: 7	7537				
Prep Date:	5/19/2021	Analysis [Date: 5/	20/2021	5	SeqNo: 2	752269	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.93	0.025	1.000	0	92.6	80	120			
Toluene		0.96	0.050	1.000	0	95.7	80	120			
Ethylbenzene		0.95	0.050	1.000	0	95.1	80	120			
Xylenes, Total		2.9	0.10	3.000	0	95.5	80	120			
Surr: 4-Brom	ofluorobenzene	1.1		1.000		107	70	130			
Sample ID:	2105800-001ams	Samp	Гуре: МS	5	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	S-1 0'R	Batc	h ID: 60	139	F	RunNo: 7	7537				
Prep Date:	5/19/2021	Analysis [Date: 5/	20/2021	S	SeqNo: 2	752274	Units: mg/h	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		1.1	0.024	0.9662	0	118	76.3	120			
Toluene		1.2	0.048	0.9662	0	124	78.5	120			S
Ethylbenzene		1.2	0.048	0.9662	0	127	78.1	124			S
Xylenes, Total		3.7	0.097	2.899	0	127	79.3	125			S
Surr: 4-Brom	ofluorobenzene	1.1		0.9662		110	70	130			
Sample ID:	2105800-001amsd	I Samp]	Гуре: МS	SD	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	S-1 0'R	Batc	h ID: 60	139	F	RunNo: 7	7537				
Prep Date:	5/19/2021	Analysis [Date: 5/	20/2021	S	SeqNo: 2	752275	Units: mg/k	٢g		
Analyte		Result	PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		1.1	0.024	0.9497	0	114	80	120	4.77	20	
Toluene		1.1	0.047	0.9497	0	121	80	120	4.62	20	S
Ethylbenzene		1.2	0.047	0.9497	0	123	80	120	4.86	20	S
Xylenes, Total		3.5	0.095	2.849	0	123	80	120	5.21	20	S
Surr: 4-Brom	nofluorobenzene	1.0		0.9497		108	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

2105800

26-May-21

WO#:

Client: Project:	Talon Art Samuel St		Com 1								
Sample ID: mb	-60157	SampT	уре: М	BLK	Tes	tCode: El	PA Method	8021B: Volat	les		
Client ID: PB	S	Batch	n ID: 60)157	F	RunNo: 7	7587				
Prep Date: 5/	20/2021	Analysis D	ate: 5	/21/2021	S	eqNo: 2	753689	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluc	probenzene	1.1		1.000		107	70	130			
Sample ID: LC:	S-60157	SampT	ype: LO	cs	Tes	tCode: El	PA Method	8021B: Volat	les		
Client ID: LC:	SS	Batch	n ID: 60)157	F	RunNo: 7	7587				
Prep Date: 5/	20/2021	Analysis D	ate: 5	/21/2021	S	eqNo: 2	753690	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluc	orobenzene	1.1		1.000		113	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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#: 2105800 26-May-21

HALL HALL ENVIRONMENTA ANALYSIS LABORATORY		TE	ll Environmen A L: 505-345-39 'ebsite: clients.	490 Ibuquerq 75 FAX:	01 Hawi nue, NM 505-34	kins NE 1 87109 5-4107	Sar	Page 4. mple Log-In Check List
Client Name: Talon Artesi	а	Work	Order Numb	er: 210	5800			RcptNo: 1
Received By: Juan Rojas	5	5/19/20	21 7:28:00 A	м		Huo	unday	
Completed By: Cheyenne	Cason	5/19/20	21 8:06:07 A	M		C la	un En G	
Reviewed By: JR SI	a z					Up to		
Chain of Custody								
1. Is Chain of Custody comple	ete?			Yes	\checkmark	N	o 🗌	Not Present
2. How was the sample delive	red?			Cou	rier			
Log In 3. Was an attempt made to co	ol the samples	?		Yes	\checkmark	N	o 🗌	
4. Were all samples received a	at a temperature	e of >0° C	to 6.0°C	Yes	\checkmark	N	o 🗌	
5. Sample(s) in proper contain	er(s)?			Yes	V	N	o 🗌	
6. Sufficient sample volume for	r indicated test(s)?		Yes	\checkmark	No	b	
7. Are samples (except VOA a	nd ONG) prope	rly preserve	ed?	Yes	\checkmark	No		
8. Was preservative added to b	pottles?			Yes		No		NA 🗔
9. Received at least 1 vial with	headspace <1/	4" for AQ V	'OA?	Yes		No	b	NA 🖌
10. Were any sample container	s received brok	en?		Yes		N	₀ 🖌	# of preserved
11.Does paperwork match bottl (Note discrepancies on chai				Yes	\checkmark	No	b	bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identi	fied on Chain o	f Custody?		Yes	\checkmark	No		Adjusted?
13. Is it clear what analyses wer	e requested?			Yes	\checkmark	No	b	
14. Were all holding times able (If no, notify customer for au				Yes	\checkmark	No		Checked by: 1/19/21
Special Handling (if appl	<u>icable)</u>							
15. Was client notified of all dis	crepancies with	this order?	,	Yes		N	o 🗌	NA 🔽
Person Notified:			Date:		per el consta por		and the second	
By Whom:			Via:	eMa	ail 🗌	Phone [Fax	In Person
Regarding:		Contra Contratana	Chamber and the second				aros con ard	
Client Instructions:				ter and the second s				CONTRACTOR AND
16. Additional remarks:								
17. <u>Cooler Information</u> Cooler No Temp °C		Seal Intact	Seal No	Seal D	ate	Signed	d By	
1 0.0	Good							

Page 1 of 1

Rec	eived	by C	CD:	6/30	0/20	211	1:25	5:50	AM					Τ		T	Τ	Τ		1		1	T			Pag	e 42	of 87
	AALL ENVIRONMENTAL ANALYSTS LARODATODV		4901 Hawkins NE - Albuqueraue, NM 87109	10	Analysis																				Data FRIday Slan			If necessary, samples submitted to Hall Effortnomental 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.
			01 Ha	I. 505		-						ш	н ш ×	×	-		-							_				ny sub-
			490	Tel.									⊢ст	×	~								_		Remarks: Nueds			bility. A
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4-Day	sh		Samuel Smith Fed Com 1 (SAM1)		0.01					□ No		0.7-0.250	HEAL NO.	12	CO2	003	the Constraints	28	C306	(207)	880	0001	010		s/18/21 220		2. 5 19/21 3. 28	tories. This serves as notice of th
d Time:	d 🗆 Rush	le:	Samuel Sr		700438.250.01	ager:	R. Pons		J. Carnes	P-Yes	1:	D(including CF):	Preservative Type	Ice/Cool	2								/	 	Via:	Via: 0	TCOUNTRY	accredited laborat
Turn-Around T	Candard	Project Name:		Project #:		Project Manager:			Sampler:	On Ice:	# of Coolers:	Cooler Temp(including CF):	Container Type and #	Glass Jar									_		Received by:	Received by:	B	contracted to other
Chain-of-Custody Record			408 W. Texas Ave		3.8768			Level 4 (Full Validation)	Az Compliance				Sample Name	S-1 0' R	S-2 0'R	S-3 0' R	S-4 0' R	S-5 0' R	S-6 0' R	BG-1 0' R	BG-2 0'R	BG-3 0' R	BG-4 0' R		ished by: Mr S RD), , ,	Mures	bmitted to Hall Efwironmental may be sub
-of-C	PE		s:	88210	575.746.8768				D Az C	- 1			Matrix	Soil)										Relinquished by:	Relinduished by:	MM	/, samples su
hain	Talon LPE		Addres	, NM 86	#:	r Fax#:	Package	Idard	itation:	D NELAC	(Type)		Time	11:00	11:05	11:10	11:15	11:20	11:25	11:40	11:45	11:50	11:55		Time: 830		01/1	lf necessar
Rel	Client: Talon LPE	to In	Mailing	S. Artesia	Phone	cost cemail or Fax#:	A/QC Package:	□ Star	Accreditation:				Date	5/17/2021	~						~				Date: 5(10/21	S volume	10/011	



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

June 09, 2021

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

RE: Samuel Smith BIY Fed Com 1 Sam

OrderNo.: 2106308

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 11 sample(s) on 6/5/2021 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

Surr: DNOP

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

EPA METHOD 8015D: GASOLINE RANGE

Gasoline Range Organics (GRO)

Surr: 4-Bromofluorobenzene

EPA METHOD 8021B: VOLATILES

Analytical Report Lab Order 2106308

Date Reported: 6/9/2021

6/5/2021 3:51:46 PM

6/5/2021 11:30:00 AM

60453

60449

60449

60449

60449

60449

60449

60449

Analyst: CCM

Analyst: CCM

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BG-4A 0' **CLIENT:** Talon Artesia **Project:** Samuel Smith BIY Fed Com 1 Sam Collection Date: 6/4/2021 9:35:00 AM Lab ID: 2106308-001 Matrix: SOIL Received Date: 6/5/2021 8:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride ND 60 mg/Kg 20 6/5/2021 12:51:50 PM 60454 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB **Diesel Range Organics (DRO)** ND 9.1 mg/Kg 1 6/5/2021 3:51:46 PM 60453 Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 6/5/2021 3:51:46 PM 60453

70-130

70-130

0.025

0.050

0.050

0.10

70-130

5.0

%Rec

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

1

1

110

ND

90.2

ND

ND

ND

ND

81.3

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

Qualifiers:

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

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

Page 1 of 15

Analyst: CCM

Analyst: CCM

60449

60449

60449

60449

60449

60449

60449

6/5/2021 11:50:00 AM

Hall Environmental Analysis Laboratory, Inc.

EPA METHOD 8015D: GASOLINE RANGE

Gasoline Range Organics (GRO)

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Date Reported: 6/9/2021 Client Sample ID: S-6 0-1' **CLIENT:** Talon Artesia **Project:** Samuel Smith BIY Fed Com 1 Sam Collection Date: 6/4/2021 12:05:00 PM Lab ID: 2106308-002 Matrix: SOIL Received Date: 6/5/2021 8:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 560 60 mg/Kg 20 6/5/2021 1:29:03 PM 60454 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB **Diesel Range Organics (DRO)** ND 9.5 mg/Kg 1 6/5/2021 4:40:13 PM 60453 Motor Oil Range Organics (MRO) ND 6/5/2021 4:40:13 PM 47 mg/Kg 1 60453 Surr: DNOP 108 70-130 %Rec 1 6/5/2021 4:40:13 PM 60453

ND

91.3

ND

ND

ND

ND

80.7

5.0

70-130

0.025

0.050

0.050

0.10

70-130

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

1

		checklist for flagged QC data and	1
Refer to the UK Niimmar	v report and sample login (necklist for flagged UIC data at	a preservation information
	y report and sample login c	meeting for magged QC data a	

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 2 of 15

Project:

Lab ID:

Analyses

Analytical Report Lab Order 2106308

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/9/2021 **CLIENT:** Talon Artesia Client Sample ID: S-3 0-1' Samuel Smith BIY Fed Com 1 Sam Collection Date: 6/4/2021 12:10:00 PM 2106308-003 Matrix: SOIL Received Date: 6/5/2021 8:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch **EPA METHOD 300.0: ANIONS** Analyst: VP

Chloride	530	59	mg/Kg	20	6/5/2021 2:06:17 PM	60454
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	6/5/2021 5:28:32 PM	60453
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/5/2021 5:28:32 PM	60453
Surr: DNOP	109	70-130	%Rec	1	6/5/2021 5:28:32 PM	60453
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/5/2021 12:10:00 PM	60449
Surr: BFB	90.6	70-130	%Rec	1	6/5/2021 12:10:00 PM	60449
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	6/5/2021 12:10:00 PM	60449
Toluene	ND	0.050	mg/Kg	1	6/5/2021 12:10:00 PM	60449
Ethylbenzene	ND	0.050	mg/Kg	1	6/5/2021 12:10:00 PM	60449
Xylenes, Total	ND	0.10	mg/Kg	1	6/5/2021 12:10:00 PM	60449
Surr: 4-Bromofluorobenzene	83.3	70-130	%Rec	1	6/5/2021 12:10:00 PM	60449

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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Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/9/2021 **CLIENT:** Talon Artesia Client Sample ID: S-2 0-1' **Project:** Samuel Smith BIY Fed Com 1 Sam Collection Date: 6/4/2021 12:15:00 PM Lab ID: 2106308-004 Matrix: SOIL Received Date: 6/5/2021 8:30:00 AM Analyses Result **RL** Oual Units **DF** Date Analyzed Batch **EPA METHOD 300.0: ANIONS** Analyst: VP

Chloride	320	60	mg/Kg	20	6/5/2021 2:18:41 PM	60454
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	6/5/2021 5:52:41 PM	60453
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/5/2021 5:52:41 PM	60453
Surr: DNOP	110	70-130	%Rec	1	6/5/2021 5:52:41 PM	60453
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/5/2021 12:30:00 PM	60449
Surr: BFB	94.8	70-130	%Rec	1	6/5/2021 12:30:00 PM	60449
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	6/5/2021 12:30:00 PM	60449
Toluene	ND	0.050	mg/Kg	1	6/5/2021 12:30:00 PM	60449
Ethylbenzene	ND	0.050	mg/Kg	1	6/5/2021 12:30:00 PM	60449
Xylenes, Total	ND	0.10	mg/Kg	1	6/5/2021 12:30:00 PM	60449
Surr: 4-Bromofluorobenzene	83.4	70-130	%Rec	1	6/5/2021 12:30:00 PM	60449

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 Sample pH Not In Range
- Р
- RL Reporting Limit

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CLIENT: Talon Artesia

2106308-005

Project:

Lab ID:

Analytical Report Lab Order 2106308

Date Reported: 6/9/2021

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: E-SW 0-1' Samuel Smith BIY Fed Com 1 Sam Collection Date: 6/4/2021 12:20:00 PM Matrix: SOIL Received Date: 6/5/2021 8:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	330	60	mg/Kg	20	6/5/2021 2:55:54 PM	60454
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst	: SB
Diesel Range Organics (DRO)	18	9.5	mg/Kg	1	6/5/2021 6:16:45 PM	60453
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/5/2021 6:16:45 PM	60453
Surr: DNOP	110	70-130	%Rec	1	6/5/2021 6:16:45 PM	60453
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/5/2021 12:50:00 PM	60449
Surr: BFB	86.6	70-130	%Rec	1	6/5/2021 12:50:00 PM	60449
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	6/5/2021 12:50:00 PM	60449
Toluene	ND	0.050	mg/Kg	1	6/5/2021 12:50:00 PM	60449
Ethylbenzene	ND	0.050	mg/Kg	1	6/5/2021 12:50:00 PM	60449
Xylenes, Total	ND	0.10	mg/Kg	1	6/5/2021 12:50:00 PM	60449
Surr: 4-Bromofluorobenzene	79.0	70-130	%Rec	1	6/5/2021 12:50:00 PM	60449

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

- 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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CLIENT: Talon Artesia

2106308-006

Project:

Lab ID:

Analytical Report Lab Order 2106308

Hall Environmental Analysis Laboratory, Inc.

Samuel Smith BIY Fed Com 1 Sam

 Laboratory, Inc.
 Date Reported: 6/9/2021

 Client Sample ID: S-1 0-1'

 m
 Collection Date: 6/4/2021 12:30:00 PM

 Matrix: SOIL
 Received Date: 6/5/2021 8:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	350	60	mg/Kg	20	6/5/2021 3:08:18 PM	60454
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	6/5/2021 6:40:46 PM	60453
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/5/2021 6:40:46 PM	60453
Surr: DNOP	106	70-130	%Rec	1	6/5/2021 6:40:46 PM	60453
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/5/2021 1:10:00 PM	60449
Surr: BFB	88.2	70-130	%Rec	1	6/5/2021 1:10:00 PM	60449
EPA METHOD 8021B: VOLATILES					Analys	t: CCM
Benzene	ND	0.025	mg/Kg	1	6/5/2021 1:10:00 PM	60449
Toluene	ND	0.050	mg/Kg	1	6/5/2021 1:10:00 PM	60449
Ethylbenzene	ND	0.050	mg/Kg	1	6/5/2021 1:10:00 PM	60449
Xylenes, Total	ND	0.10	mg/Kg	1	6/5/2021 1:10:00 PM	60449
Surr: 4-Bromofluorobenzene	81.2	70-130	%Rec	1	6/5/2021 1:10:00 PM	60449

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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Motor Oil Range Organics (MRO)

Gasoline Range Organics (GRO)

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

EPA METHOD 8015D: GASOLINE RANGE

Surr: DNOP

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Analytical Report Lab Order 2106308

6/5/2021 7:04:42 PM

6/5/2021 7:04:42 PM

6/5/2021 1:30:00 PM

60453

60453

60449

60449

60449

60449

60449

60449

60449

Analyst: CCM

Analyst: CCM

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/9/2021 Client Sample ID: S-4 0-1' **CLIENT:** Talon Artesia **Project:** Samuel Smith BIY Fed Com 1 Sam Collection Date: 6/4/2021 12:35:00 PM Lab ID: 2106308-007 Matrix: SOIL Received Date: 6/5/2021 8:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 590 60 mg/Kg 20 6/5/2021 3:20:42 PM 60454 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB **Diesel Range Organics (DRO)** ND 9.6 mg/Kg 1 6/5/2021 7:04:42 PM 60453

48

5.0

70-130

70-130

0.025

0.050

0.050

0.10

70-130

mg/Kg

%Rec

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

1

1

1

ND

105

ND

89.1

ND

ND

ND

ND

80.6

Refer to the OC Summary report and	d sample login checklist for flagge	d 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 7 of 15

*

Date Reported: 6/9/2021

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-4 2' **CLIENT:** Talon Artesia **Project:** Samuel Smith BIY Fed Com 1 Sam Collection Date: 6/4/2021 12:45:00 PM Lab ID: 2106308-008 Matrix: SOIL Received Date: 6/5/2021 8:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 99 61 mg/Kg 20 6/5/2021 3:33:07 PM 60454 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB **Diesel Range Organics (DRO)** ND 9.8 mg/Kg 1 6/5/2021 7:28:41 PM 60453 Motor Oil Range Organics (MRO) ND 6/5/2021 7:28:41 PM 49 mg/Kg 1 60453 Surr: DNOP 104 %Rec 70-130 1 6/5/2021 7:28:41 PM 60453 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM ND 6/5/2021 1:50:00 PM Gasoline Range Organics (GRO) 60449 5.0 mg/Kg 1 Surr: BFB 89.2 70-130 %Rec 6/5/2021 1:50:00 PM 60449 1 **EPA METHOD 8021B: VOLATILES** Analyst: CCM ND 6/5/2021 1:50:00 PM 60449 Benzene 0.025 mg/Kg 1

ND

ND

ND

79.7

0.050

0.050

0.10

70-130

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

6/5/2021 1:50:00 PM

6/5/2021 1:50:00 PM

6/5/2021 1:50:00 PM

6/5/2021 1:50:00 PM

60449

60449

60449

60449

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

Qualifiers:

Toluene

Ethylbenzene

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 8 of 15

Date Reported: 6/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: W-SW 0-1' **Project:** Samuel Smith BIY Fed Com 1 Sam Collection Date: 6/4/2021 1:25:00 PM Lab ID: 2106308-009 Matrix: SOIL Received Date: 6/5/2021 8:30:00 AM Analyses Result **RL** Oual Units **DF** Date Analyzed Batch **EPA METHOD 300.0: ANIONS** Analyst: VP

Chloride	66	60	mg/Kg	20	6/5/2021 3:45:31 PM	60454
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	6/5/2021 7:52:43 PM	60453
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/5/2021 7:52:43 PM	60453
Surr: DNOP	105	70-130	%Rec	1	6/5/2021 7:52:43 PM	60453
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/5/2021 2:10:00 PM	60449
Surr: BFB	89.3	70-130	%Rec	1	6/5/2021 2:10:00 PM	60449
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	6/5/2021 2:10:00 PM	60449
Toluene	ND	0.050	mg/Kg	1	6/5/2021 2:10:00 PM	60449
Ethylbenzene	ND	0.050	mg/Kg	1	6/5/2021 2:10:00 PM	60449
Xylenes, Total	ND	0.10	mg/Kg	1	6/5/2021 2:10:00 PM	60449
Surr: 4-Bromofluorobenzene	81.6	70-130	%Rec	1	6/5/2021 2:10:00 PM	60449

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 9 of 15

Date Reported: 6/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: N-SW 0-1' **Project:** Samuel Smith BIY Fed Com 1 Sam Collection Date: 6/4/2021 1:30:00 PM Lab ID: 2106308-010 Matrix: SOIL Received Date: 6/5/2021 8:30:00 AM Analyses Result **RL** Oual Units **DF** Date Analyzed Batch **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 160 60 mg/Kg 20 6/5/2021 3:57:56 PM 60454 FPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: SB 53 53 53 N

					7 (10) 30	
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	6/5/2021 8:16:43 PM	60453
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/5/2021 8:16:43 PM	60453
Surr: DNOP	106	70-130	%Rec	1	6/5/2021 8:16:43 PM	60453
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/5/2021 2:29:00 PM	60449
Surr: BFB	91.5	70-130	%Rec	1	6/5/2021 2:29:00 PM	60449
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	6/5/2021 2:29:00 PM	B78905
Toluene	ND	0.050	mg/Kg	1	6/5/2021 2:29:00 PM	B78905
Ethylbenzene	ND	0.050	mg/Kg	1	6/5/2021 2:29:00 PM	B78905
Xylenes, Total	ND	0.10	mg/Kg	1	6/5/2021 2:29:00 PM	B78905
Surr: 4-Bromofluorobenzene	81.5	70-130	%Rec	1	6/5/2021 2:29:00 PM	B78905

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
- Practical Quanitative Limit PQL
- % 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 Sample pH Not In Range
- Р
- Reporting Limit RL

Page 10 of 15

Date Reported: 6/9/2021

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-SW 0-1' **CLIENT:** Talon Artesia **Project:** Samuel Smith BIY Fed Com 1 Sam Collection Date: 6/4/2021 1:35:00 PM Lab ID: 2106308-011 Matrix: SOIL Received Date: 6/5/2021 8:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 100 60 mg/Kg 20 6/5/2021 4:10:20 PM 60454 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB **Diesel Range Organics (DRO)** ND 9.8 mg/Kg 1 6/5/2021 8:40:38 PM 60453 Motor Oil Range Organics (MRO) ND 6/5/2021 8:40:38 PM 49 mg/Kg 1 60453 Surr: DNOP 105 %Rec 70-130 1 6/5/2021 8:40:38 PM 60453 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM 6/5/2021 3:29:00 PM Gasoline Range Organics (GRO) ND 60449 5.0 mg/Kg 1 Surr: BFB 92.1 %Rec 6/5/2021 3:29:00 PM 60449 70-130 1 **EPA METHOD 8021B: VOLATILES** Analyst: CCM ND 6/5/2021 3:29:00 PM B78905 Benzene 0.025 mg/Kg 1

ND

ND

ND

82.1

0.050

0.050

0.10

70-130

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

6/5/2021 3:29:00 PM

6/5/2021 3:29:00 PM

6/5/2021 3:29:00 PM

6/5/2021 3:29:00 PM

B78905

B78905

B78905

B78905

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

Qualifiers:

Toluene

Ethylbenzene

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 11 of 15

L.	Iall Environmental Analysis Laboratory, Inc.									
Client: Project:		Artesia el Smith BIY Fed Com 1 Sam								
Sample ID: MB	-60454	SampType: MBLK	TestCode: EPA Method 300.0: Anions							
Client ID: PB	s	Batch ID: 60454	RunNo: 78875							
Prep Date: 6/	5/2021	Analysis Date: 6/5/2021	SeqNo: 2766319 Units: mg/Kg							
Analyte		Result PQL SPK val	ue SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual							

Sample ID: LCS-60454	SampT	SampType: LCS TestCode: EPA				PA Method 300.0: Anions							
Client ID: LCSS	Batch	n ID: 604	454	F	RunNo: 7	8875							
Prep Date: 6/5/2021	Analysis D	ate: 6/	5/2021	SeqNo: 2766320			1 SeqNo: 2766320 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Chloride	14	1.5	15.00	0	92.9	90	110						

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- 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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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc. -----

Hall Environr	nental Anal	ysis I	Laborat	ory, Inc.						09-Jun-21
	alon Artesia amuel Smith BIY	Fed Co	m 1 Sam							
Sample ID: MB-60453	Samp	Гуре: М	BLK	Tes	tCode: E	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS Batch ID: 60453				F	RunNo: 7	8881				
Prep Date: 6/5/2021	Analysis [Date: 6/	5/2021	S	SeqNo: 2	766497	Units: mg/ł	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO	D) ND	10								
Motor Oil Range Organics (N	(IRO) ND	50								
Surr: DNOP	10		10.00		103	70	130			
Sample ID: LCS-6045	3 Samp	Гуре: LC	s	Tes	tCode: E	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batc	h ID: 60	453	F	RunNo: 7	8881				
				_						

Prep Date: 6/5/2021	Analysis D	Analysis Date: 6/5/2021			SeqNo: 2766498 Units			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	46	10	50.00	0	92.9	68.9	141				
Surr: DNOP	4.9		5.000		97.8	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

- 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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2106308

WO#:

QC SUMMARY REPORT Hall E

Page	57	of 87	
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UNIMART REFORT	WO#:	2106308
Environmental Analysis Laboratory, Inc.		09-Jun-21

Client: Project:	Talon Artesia Samuel Smith BI	Y Fed Co	m 1 Sam								
Sample ID: LCS-60	449 San	npType: LC	S	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Ba	Batch ID: 60449			RunNo: 78905						
Prep Date: 6/4/20	21 Analysi	s Date: 6/	/5/2021	SeqNo: 2767899			Units: mg/Kg				
Analyte	Resul	t PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organic	s (GRO) 24	5.0	25.00	0	96.4	78.6	131				
Surr: BFB	1000		1000		101	70	130				
Sample ID: MB-604	49 San	прТуре: МІ	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e		
Client ID: PBS	Ba	atch ID: 60	449	F	RunNo: 7	8905					
Prep Date: 6/4/20	21 Analysi	s Date: 6/	/5/2021	S	SeqNo: 2	767900	Units: mg/K	(g			
Analyte	Resul	t PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organic	s (GRO) ND	5.0									
Surr: BFB	880)	1000		88.3	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

Page 14 of 15

Talon Artesia

Client:

Project:

Sample ID: LCS-60449

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Samuel Smith BIY Fed Com 1 Sam

SampType: LCS

Client ID: LCSS	Batc	h ID: 60	449	R	unNo: 78	8905				
Prep Date: 6/4/2021	Analysis [Date: 6/	5/2021	S	eqNo: 2	767920	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	85.0	80	120			
Toluene	0.85	0.050	1.000	0	85.0	80	120			
Ethylbenzene	0.87	0.050	1.000	0	87.1	80	120			
Xylenes, Total	2.6	0.10	3.000	0	85.4	80	120			
Surr: 4-Bromofluorobenzene	0.84		1.000		84.0	70	130			
Sample ID: MB-60449	Samp	Гуре: МЕ	BLK	Test	Code: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: 60	449	R	unNo: 78	8905				
Prep Date: 6/4/2021	Analysis [Date: 6/	5/2021	S	eqNo: 2	767921	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	Resourc	IQL			/orceo	LOWLINK	riigiteittiit			
	ND	0.025	or revalue		/orceo	LOWLINIK	riigitEittit			
Toluene					/orceo	LowLinit	riigiiLiinii			
Toluene Ethylbenzene	ND	0.025			MILO	LowLinit	- iigiiLiinii			
	ND ND	0.025 0.050			/inceg	LowLink	TingitLittit			
Ethylbenzene	ND ND ND	0.025 0.050 0.050	1.000		79.0	70	130	- JULY - D		

TestCode: EPA Method 8021B: Volatiles

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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WO#: 2106308

09-Jun-21

Page	59	01	687
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	ONMENT	:25:50 AM AL	TE	ll Environme L: 505-345-2 'ebsite: clien	490 Albuquerq 3975 FAX:	1 Hawk ue, NM 505-34.	tins NE 87109 5-4107	San	nple Log-In Che	Page 5 eck List
Client Name:	Talon Arte	sia	Work	Order Num	ber: 210	6308			RcptNo: 1	
Received By:	Juan Roja	as	6/5/202	1 8:30:00 A	M		Hean	ES		
Completed By:	Juan Roja	15	6/5/202	1 9:03:05 A	M		Glian	BA		
Reviewed By:	•		0,0,202	10.00.007			./	Ð		
Chain of Cust	ody									
1. Is Chain of Cu	stody comp	lete?			Yes	\checkmark	No		Not Present	
2. How was the s	ample deliv	vered?			Cou	ier				
Log In 3. Was an attemp	ot made to d	cool the sampl	es?		Yes		No		NA 🗌	
4. Were all sampl	es received	l at a temperat	ure of >0° C	to 6.0°C	Yes		No		NA 🗌	
5. Sample(s) in p	roper conta	iner(s)?			Yes	✓	No			
6. Sufficient samp	e volume f	or indicated te	st(s)?		Yes	\checkmark	No			
7. Are samples (e				2he		~	No			
8. Was preservati			peny preserve		Yes				NA 🗌	
9. Received at lea	st 1 vial wit	h headspace <	<1/4" for AQ V	'OA?	Yes		No		NA 🗸	
10. Were any sam	ple containe	ers received br	oken?		Yes		No	\checkmark		
11. Does paperwor	k match bo	ttle labels?			Yes	~	No		# of preserved bottles checked for pH:	
(Note discrepar			1227048273 KS 20 2729							2 unless noted)
12. Are matrices co			5			 Image: A start of the start of	No		Adjusted?	
13. Is it clear what		17					No		Checked by: JR	610-00
14. Were all holding (If no, notify cus					Yes	\checkmark	No		Checked by: JIL	015121
Special Handlii	ng (if app	olicable)								
15. Was client noti	fied of all d	iscrepancies w	ith this order?)	Yes		No		NA 🗹	
Person N	lotified:	[Date	: [and the second second		ukurtukrumat"		
By Whon	n:			Via:	eMa	ii 🗌	Phone	Fax	In Person	
Regardin	g:				and the second second					
Client Ins	structions:									
16. Additional rem	arks:									
17. <u>Cooler Inform</u>	1	0	•	1			V - Manufacture (197			
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Da	ate	Signed	Ву		
2	0.8 1.7	Good Good								

Page 1 of 1

Received by	OCD:	6/3	0/20	2 <u>1 1</u>	1:2.	5:50	AM						1	1	Т	1	1	1	T	1	1	T	 r		Page 6	0 of 87
ANALYSIS LABORATORY	www.naiienviroliineniai.com 4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis									: ×											Remarks: Bill directly to EOG (Bob Asher)		1910 allevents of reverse 15/21 5130 DI 11 ten DI revers	ssibility. Any sub-contracted data will be clearly notated on the analytical report.
											<u>, </u>					,				-		~		5	30	of this po
Rush 1-Day	Samuel Smith BIY Fed Com 1 (Sam)		50.01	R. Pons				D No			Ve libre. 12/.7 HEAL NO.	-001	2001	-C00-	100-	1002	-00 6	(00)	-005	-009	-010-	110-		Date Time	er 6/5/21 81	ories. This serves as notice
U I	Smith BIY		700438.250.01	ger:			J. Carnes	-B-Yes	2	including CF):	Preservative Type	Ice/Cool	L.										Via: ,	Via: Via:	L round.	credited laborat
Turn-Around Tim	Samue	Project #:		Project Manager:			Sampler:	On Ice:	# of Coolers: 2	Cooler Temp(including CF): 0.9	Container Type and #											(Received by: ∩ ≜	Received hv	Ì	contracted to other ac
Chain-of-Custody Record	408 W. Texas Ave		.8768			Level 4 (Full Validation)	Az Compliance				Sample Name	BG-4A 0'	S-6 0-1'	S-3 0-1'	S-2 0-1'	E-SW 0-1'	S-1 0-1'	S-4 0-1'	S-4 2'	W-SW 0-1.	N-SW 0-1	S-SW 0-1'	ed by:	of the second	(MANN	mitted to Hall Environmental may be sub
of-Cl		10	575.746.8768				D Az Co	□ Other			Matrix	Soil	[Relinquished by:	Relinduished hv	CAJ	amples sut
hain-o Talon LPE	ddress:	NM 88210		⊤ax#:	ackage:	ard	ition: I		Type)		Time		12:05	12:10	12:15	12:20	12:30	12:35	12:45	1:25	1:30	1:35	me: F	Time:	00b/ 12	ecessary, s
Refeased to 1	Mailing Address:	.: Artesia, I	Phone #:	constant or Fax#:	2 JOA/QC P	□ Standard	Accreditation:		□ EDD (Type)		Date T											1	Victor Time: F	Dates	6	lf n



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

June 14, 2021

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

RE: Samuel Smith BIY Fed Com 1 SAM

OrderNo.: 2106456

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 10 sample(s) on 6/9/2021 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

Surr: 4-Bromofluorobenzene

Analytical Report Lab Order 2106456

Date Reported: 6/14/2021

6/10/2021 4:29:18 PM 60525

Hall Environmental Analysis Laboratory, Inc.

	• /				Dute Reported. 0/14/20			
CLIENT: Talon Artesia		Cli	ient Sample II	D: S-′	7 1'			
Project: Samuel Smith BIY Fed Com	n 1 SAM	(Collection Dat	e: 6/8	3/2021 8:40:00 AM			
Lab ID: 2106456-001	Matrix: SOIL		Received Dat	e: 6/9	/9/2021 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	6/13/2021 12:55:16 PN	60595		
EPA METHOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analyst	: JME		
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	6/10/2021 4:21:03 PM	60528		
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/10/2021 4:21:03 PM	60528		
Surr: DNOP	90.4	70-130	%Rec	1	6/10/2021 4:21:03 PM	60528		
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	6/10/2021 4:29:18 PM	60525		
Surr: BFB	111	70-130	%Rec	1	6/10/2021 4:29:18 PM	60525		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.023	mg/Kg	1	6/10/2021 4:29:18 PM	60525		
Toluene	ND	0.047	mg/Kg	1	6/10/2021 4:29:18 PM	60525		
Ethylbenzene	ND	0.047	mg/Kg	1	6/10/2021 4:29:18 PM	60525		
Xylenes, Total	ND	0.093	mg/Kg	1	6/10/2021 4:29:18 PM	60525		

107

70-130

%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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Date Reported: 6/14/2021

6/10/2021 4:52:57 PM

6/10/2021 4:52:57 PM

60525

60525

Hall Environmental Analysis Laboratory, Inc.

	0,				1			
CLIENT: Talon Artesia Project: Samuel Smith BIY Fed Com	1 SAM		ient Sample II		8 1' 3/2021 8:50:00 AM			
Lab ID: 2106456-002	Matrix: SOIL	```			9/2021 7:30:00 AM			
			Received Dut		72021 7.30.00 710			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: VP		
Chloride	68	60	mg/Kg	20	6/13/2021 1:57:19 PM	60595		
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	JME		
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	6/10/2021 4:45:39 PM	60528		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/10/2021 4:45:39 PM	60528		
Surr: DNOP	99.1	70-130	%Rec	1	6/10/2021 4:45:39 PM	60528		
EPA METHOD 8015D: GASOLINE RAM	NGE				Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	6/10/2021 4:52:57 PM	60525		
Surr: BFB	111	70-130	%Rec	1	6/10/2021 4:52:57 PM	60525		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.023	mg/Kg	1	6/10/2021 4:52:57 PM	60525		
Toluene	ND	0.046	mg/Kg	1	6/10/2021 4:52:57 PM	60525		
Ethylbenzene	ND	0.046	mg/Kg	1	6/10/2021 4:52:57 PM	60525		

ND

107

0.093

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 14

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CLIENT: Talon Artesia

2106456-003

Project:

Lab ID:

Analytical Report Lab Order 2106456

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/14/2021 Client Sample ID: S-9 1' Samuel Smith BIY Fed Com 1 SAM Collection Date: 6/8/2021 9:00:00 AM Matrix: SOIL Received Date: 6/9/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	580	60	mg/Kg	20	6/13/2021 2:09:44 PM	60595
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analys	t: JME
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	6/10/2021 5:10:23 PM	60528
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	6/10/2021 5:10:23 PM	60528
Surr: DNOP	96.5	70-130	%Rec	1	6/10/2021 5:10:23 PM	60528
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/10/2021 5:16:43 PM	60525
Surr: BFB	110	70-130	%Rec	1	6/10/2021 5:16:43 PM	60525
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	6/10/2021 5:16:43 PM	60525
Toluene	ND	0.048	mg/Kg	1	6/10/2021 5:16:43 PM	60525
Ethylbenzene	ND	0.048	mg/Kg	1	6/10/2021 5:16:43 PM	60525
Xylenes, Total	ND	0.096	mg/Kg	1	6/10/2021 5:16:43 PM	60525
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	6/10/2021 5:16:43 PM	60525

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

- 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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Project:

Lab ID:

Analyses

Analytical Report Lab Order 2106456

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/14/2021 **CLIENT:** Talon Artesia Client Sample ID: S-10 1' Samuel Smith BIY Fed Com 1 SAM Collection Date: 6/8/2021 9:10:00 AM 2106456-004 Matrix: SOIL Received Date: 6/9/2021 7:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch

				Analyst	VP
610	60	mg/Kg	20	6/13/2021 2:22:08 PM	60595
GANICS				Analyst	JME
ND	8.5	mg/Kg	1	6/10/2021 5:34:49 PM	60528
ND	43	mg/Kg	1	6/10/2021 5:34:49 PM	60528
104	70-130	%Rec	1	6/10/2021 5:34:49 PM	60528
				Analyst	NSB
ND	4.8	mg/Kg	1	6/10/2021 5:40:29 PM	60525
109	70-130	%Rec	1	6/10/2021 5:40:29 PM	60525
				Analyst	NSB
ND	0.024	mg/Kg	1	6/10/2021 5:40:29 PM	60525
ND	0.048	mg/Kg	1	6/10/2021 5:40:29 PM	60525
ND	0.048	mg/Kg	1	6/10/2021 5:40:29 PM	60525
ND	0.095	mg/Kg	1	6/10/2021 5:40:29 PM	60525
105	70-130	%Rec	1	6/10/2021 5:40:29 PM	60525
	SANICS ND ND 104 ND 109 ND ND ND ND ND ND	ND 8.5 ND 43 104 70-130 ND 4.8 109 70-130 ND 0.024 ND 0.048 ND 0.048 ND 0.095	SANICS ND 8.5 mg/Kg ND 43 mg/Kg 104 70-130 %Rec ND 4.8 mg/Kg 109 70-130 %Rec ND 0.024 mg/Kg ND 0.048 mg/Kg ND 0.048 mg/Kg ND 0.095 mg/Kg	SANICS ND 8.5 mg/Kg 1 ND 43 mg/Kg 1 104 70-130 %Rec 1 ND 4.8 mg/Kg 1 109 70-130 %Rec 1 ND 0.024 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.095 mg/Kg 1	610 60 mg/Kg 20 6/13/2021 2:22:08 PM GANICS Analyst ND 8.5 mg/Kg 1 6/10/2021 5:34:49 PM ND 43 mg/Kg 1 6/10/2021 5:34:49 PM 104 70-130 %Rec 1 6/10/2021 5:34:49 PM 104 70-130 %Rec 1 6/10/2021 5:34:49 PM ND 4.8 mg/Kg 1 6/10/2021 5:34:49 PM ND 70-130 %Rec 1 6/10/2021 5:34:49 PM ND 70-130 %Rec 1 6/10/2021 5:34:49 PM ND 70-130 %Rec 1 6/10/2021 5:40:29 PM ND 70-130 %Rec 1 6/10/2021 5:40:29 PM ND 0.024 mg/Kg 1 6/10/2021 5:40:29 PM ND 0.048 mg/Kg 1 6/10/2021 5:40:29 PM ND 0.095 mg/Kg 1 6/10/2021 5:40:29 PM ND 0.095 mg/Kg 1 6/10/2021 5:40:29 PM

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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EPA METHOD 8015D: GASOLINE RANGE

Gasoline Range Organics (GRO)

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Analytical Report Lab Order 2106456

Date Reported: 6/14/2021

6/10/2021 6:04:18 PM

Analyst: NSB

Analyst: NSB

60525

60525

60525

60525

60525

60525

60525

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia		Client Sample ID: S-11 1'							
Project: Samuel Smith BIY Fed Co	m 1 SAM	Collection Date: 6/8/2021 9:20:00 AM							
Lab ID: 2106456-005	Matrix: SOIL	Matrix: SOIL Received Date: 6/9/2021 7:30:00 AM							
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analyst	: VP			
EPA METHOD 300.0: ANIONS Chloride	400	60	mg/Kg	20	Analyst 6/13/2021 2:34:32 PM	: VP 6059			
		60	mg/Kg	20	,	6059			
Chloride		60 9.4	mg/Kg mg/Kg	20 1	6/13/2021 2:34:32 PM	6059			
Chloride EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS		0.0		6/13/2021 2:34:32 PM Analyst	6059 : JME			

ND

111

ND

ND

ND

ND

108

4.7

70-130

0.024

0.047

0.047

0.095

70-130

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

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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Project:

Lab ID:

Analyses

Analytical Report Lab Order 2106456

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/14/2021 **CLIENT:** Talon Artesia Client Sample ID: S-12 1' Samuel Smith BIY Fed Com 1 SAM Collection Date: 6/8/2021 9:30:00 AM 2106456-006 Matrix: SOIL Received Date: 6/9/2021 7:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch

EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	430	60	mg/Kg	20	6/13/2021 2:46:57 PM	60595
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	JME
Diesel Range Organics (DRO)	ND	8.5	mg/Kg	1	6/10/2021 6:24:07 PM	60528
Motor Oil Range Organics (MRO)	ND	42	mg/Kg	1	6/10/2021 6:24:07 PM	60528
Surr: DNOP	80.0	70-130	%Rec	1	6/10/2021 6:24:07 PM	60528
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	6/10/2021 6:28:03 PM	60525
Surr: BFB	110	70-130	%Rec	1	6/10/2021 6:28:03 PM	60525
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	6/10/2021 6:28:03 PM	60525
Toluene	ND	0.047	mg/Kg	1	6/10/2021 6:28:03 PM	60525
Ethylbenzene	ND	0.047	mg/Kg	1	6/10/2021 6:28:03 PM	60525
Xylenes, Total	ND	0.095	mg/Kg	1	6/10/2021 6:28:03 PM	60525
Surr: 4-Bromofluorobenzene	106	70-130	%Rec	1	6/10/2021 6:28:03 PM	60525

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 6 of 14

Gasoline Range Organics (GRO)

Surr: 4-Bromofluorobenzene

EPA METHOD 8021B: VOLATILES

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Analytical Report Lab Order 2106456

6/10/2021 6:51:43 PM

60525

60525

60525

60525

60525

60525

60525

Analyst: NSB

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/14/2021 Client Sample ID: S-13 1' **CLIENT:** Talon Artesia **Project:** Samuel Smith BIY Fed Com 1 SAM Collection Date: 6/8/2021 9:40:00 AM Lab ID: 2106456-007 Matrix: SOIL Received Date: 6/9/2021 7:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 310 60 mg/Kg 20 6/13/2021 2:59:22 PM 60595 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME **Diesel Range Organics (DRO)** ND 9.3 mg/Kg 1 6/10/2021 6:48:55 PM 60528 Motor Oil Range Organics (MRO) ND 60528 47 mg/Kg 1 6/10/2021 6:48:55 PM Surr: DNOP 94.6 6/10/2021 6:48:55 PM 60528 70-130 %Rec 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB

ND

111

ND

ND

ND

ND

107

4.8

70-130

0.024

0.048

0.048

0.097

70-130

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

1

Refer to the OC St	immary report an	d cample login	checklist for flagged	OC data and	preservation information.
	unnary report an	u sample login	checknist for hagged		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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Project:

Lab ID:

Analyses

Analytical Report Lab Order 2106456

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/14/2021 **CLIENT:** Talon Artesia Client Sample ID: S-14 1' Samuel Smith BIY Fed Com 1 SAM Collection Date: 6/8/2021 9:50:00 AM 2106456-008 Matrix: SOIL Received Date: 6/9/2021 7:30:00 AM Result **RL Oual** Units **DF** Date Analyzed Batch Analyst: VP

EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	210	60	mg/Kg	20	6/13/2021 3:11:46 PM	60595
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	JME
Diesel Range Organics (DRO)	ND	8.4	mg/Kg	1	6/10/2021 7:13:21 PM	60528
Motor Oil Range Organics (MRO)	ND	42	mg/Kg	1	6/10/2021 7:13:21 PM	60528
Surr: DNOP	101	70-130	%Rec	1	6/10/2021 7:13:21 PM	60528
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/10/2021 7:15:23 PM	60525
Surr: BFB	111	70-130	%Rec	1	6/10/2021 7:15:23 PM	60525
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	6/10/2021 7:15:23 PM	60525
Toluene	ND	0.049	mg/Kg	1	6/10/2021 7:15:23 PM	60525
Ethylbenzene	ND	0.049	mg/Kg	1	6/10/2021 7:15:23 PM	60525
Xylenes, Total	ND	0.097	mg/Kg	1	6/10/2021 7:15:23 PM	60525
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	6/10/2021 7:15:23 PM	60525

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

- 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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CLIENT: Talon Artesia

2106456-009

Project:

Lab ID:

Analytical Report Lab Order 2106456

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/14/2021 Client Sample ID: S-15 1' Samuel Smith BIY Fed Com 1 SAM Collection Date: 6/8/2021 10:00:00 AM Matrix: SOIL Received Date: 6/9/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	VP
Chloride	230	60		mg/Kg	20	6/13/2021 3:24:11 PM	60595
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst	JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/10/2021 7:38:06 PM	60528
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/10/2021 7:38:06 PM	60528
Surr: DNOP	92.1	70-130		%Rec	1	6/10/2021 7:38:06 PM	60528
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/10/2021 8:02:39 PM	60525
Surr: BFB	108	70-130		%Rec	1	6/10/2021 8:02:39 PM	60525
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.024		mg/Kg	1	6/10/2021 8:02:39 PM	60525
Toluene	ND	0.048		mg/Kg	1	6/10/2021 8:02:39 PM	60525
Ethylbenzene	ND	0.048		mg/Kg	1	6/10/2021 8:02:39 PM	60525
Xylenes, Total	ND	0.095		mg/Kg	1	6/10/2021 8:02:39 PM	60525
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/10/2021 8:02:39 PM	60525

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

- 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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Project:

Lab ID:

Analyses

Chloride

Analytical Report Lab Order 2106456

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/14/2021 **CLIENT:** Talon Artesia Client Sample ID: S-16 1' Samuel Smith BIY Fed Com 1 SAM Collection Date: 6/8/2021 10:10:00 AM 2106456-010 Matrix: SOIL Received Date: 6/9/2021 7:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch **EPA METHOD 300.0: ANIONS** Analyst: VP 310 60 mg/Kg 20 6/13/2021 4:01:25 PM 60595 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME **Diesel Range Organics (DRO)** ND 9.6 mg/Kg 1 6/10/2021 8:02:34 PM 60528

ND	0.0	iiig/itg		0/10/2021 0.02.041 10	00020
ND	48	mg/Kg	1	6/10/2021 8:02:34 PM	60528
98.3	70-130	%Rec	1	6/10/2021 8:02:34 PM	60528
				Analyst:	NSB
ND	4.9	mg/Kg	1	6/10/2021 8:26:20 PM	60525
110	70-130	%Rec	1	6/10/2021 8:26:20 PM	60525
				Analyst:	NSB
ND	0.025	mg/Kg	1	6/10/2021 8:26:20 PM	60525
ND	0.049	mg/Kg	1	6/10/2021 8:26:20 PM	60525
ND	0.049	mg/Kg	1	6/10/2021 8:26:20 PM	60525
ND	0.098	mg/Kg	1	6/10/2021 8:26:20 PM	60525
107	70-130	%Rec	1	6/10/2021 8·26·20 DM	60525
	98.3 ND 110 ND ND ND ND	ND 48 98.3 70-130 ND 4.9 110 70-130 ND 0.025 ND 0.049 ND 0.049 ND 0.098	ND 48 mg/Kg 98.3 70-130 %Rec ND 4.9 mg/Kg 110 70-130 %Rec ND 0.025 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.098 mg/Kg	ND 48 mg/Kg 1 98.3 70-130 %Rec 1 ND 4.9 mg/Kg 1 110 70-130 %Rec 1 ND 0.025 mg/Kg 1 ND 0.049 mg/Kg 1	ND 48 mg/Kg 1 6/10/2021 8:02:34 PM 98.3 70-130 %Rec 1 6/10/2021 8:02:34 PM 98.3 70-130 %Rec 1 6/10/2021 8:02:34 PM ND 4.9 %Rec 1 6/10/2021 8:02:34 PM ND 4.9 mg/Kg 1 6/10/2021 8:02:34 PM ND 4.9 mg/Kg 1 6/10/2021 8:26:20 PM 110 70-130 %Rec 1 6/10/2021 8:26:20 PM 110 70-130 %Rec 1 6/10/2021 8:26:20 PM ND 0.025 mg/Kg 1 6/10/2021 8:26:20 PM ND 0.049 mg/Kg 1 6/10/2021 8:26:20 PM ND 0.098 mg/Kg 1 6/10/2021 8:26:20 PM

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 10 of 14

L.		ntal Analysis Laborator	y, Inc.	WO#:	2106456 14-Jun-21
Client: Project:		Artesia el Smith BIY Fed Com 1 SAM			
Sample ID: MB-60595 SampType: MBLK		SampType: MBLK	TestCode: EPA Method 300.0: Anions		
Client ID: PI	BS	Batch ID: 60595	RunNo: 79041		
Prep Date: 6	/13/2021	Analysis Date: 6/13/2021	SeqNo: 2773120 Units: mg/Kg		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								
Sample ID: LCS-60595	SampType: LCS TestCode: EPA Method				300.0: Anion	S				
Client ID: LCSS	Batch	n ID: 60	595	F	RunNo: 7	9041				
Prep Date: 6/13/2021	Analysis D	ate: 6/	13/2021	SeqNo: 277312			Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.3	90	110			

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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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Talon A Project: Samuel	rtesia Smith BIY	Fed Co	om 1 SAM								
Sample ID: MB-60528	SampT	ype: ME	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	BS Batch ID: 60528			RunNo: 78977							
Prep Date: 6/9/2021	Analysis D	Date: 6/	10/2021	S	SeqNo: 2	771631	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									
Surr: DNOP	10		10.00		103	70	130				
Sample ID: LCS-60528	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics		
Client ID: LCSS	Batcl	h ID: 60	528	F	RunNo: 7	8977					
Prep Date: 6/9/2021	Analysis E	Date: 6/	10/2021	S	SeqNo: 2	771632	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	51	10	50.00	0	101	68.9	141				
Surr: DNOP	4.7		5.000		94.9	70	130				

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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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2106456

14-Jun-21

WO#:

QC SUMMARY REPORT

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t	All Environmental Analysis Laboratory, Inc.										
Client: Talon A Project: Samuel	rtesia Smith BIY Fed Co	om 1 SAM									
Sample ID: mb-60525	SampType: M	BLK	Test	Code: EP	A Method	8015D: Gaso	line Rang	e			
Client ID: PBS	Batch ID: 60	525	R	unNo: 78	974						
Prep Date: 6/9/2021	Analysis Date: 6	/10/2021	S	eqNo: 27	71373	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		108	70	130					
Sample ID: Ics-60525	SampType: L(cs	Test	Code: EP	A Method	8015D: Gaso	line Rang	e			
Client ID: LCSS	Batch ID: 60	525	R	unNo: 78	974						
Prep Date: 6/9/2021	Analysis Date: 6	/10/2021	S	eqNo: 27	71374	Units: mg/K	g				

1 10p Date. 0/3/2021	Analysis D	atc. 0	10/2021			///3/4	onito. mg/n	.9			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	27	5.0	25.00	0	107	78.6	131				
Surr: BFB	1200		1000		123	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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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

	alon Artesia amuel Smith BIY	Fed Co	om 1 SAM								
Sample ID: mb-6052	5 Samp	Type: ME	BLK	TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Bate	ch ID: 60	525	R							
Prep Date: 6/9/2021	Analysis	Date: 6/	10/2021	S	SeqNo: 2	771402	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	ND	0.050									
Xylenes, Total	ND	0.10									
Surr: 4-Bromofluorobenze	ene 1.1		1.000		106	70	130				
Sample ID: LCS-6052	25 Samp	Type: LC	s	Tes							
Client ID: LCSS	Bate	ch ID: 60	525	RunNo: 78974							
				SeqNo: 2771403 Units: mg/Kg							
Prep Date: 6/9/2021	Analysis	Date: 6/	10/2021	S	SeqNo: 2	771403	Units: mg/K	g			
Prep Date: 6/9/2021 Analyte	I Analysis Result	Date: 6/ PQL		S SPK Ref Val	SeqNo: 2 %REC	771403 LowLimit	Units: mg/K HighLimit	g %RPD	RPDLimit	Qual	
•							_	-	RPDLimit	Qual	
Analyte Benzene	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	-	RPDLimit	Qual	
Analyte	Result 1.0	PQL 0.025	SPK value 1.000	SPK Ref Val 0	%REC 100	LowLimit 80	HighLimit 120	-	RPDLimit	Qual	
Analyte Benzene Toluene	Result 1.0 1.0	PQL 0.025 0.050	SPK value 1.000 1.000	SPK Ref Val 0 0	%REC 100 101	LowLimit 80 80	HighLimit 120 120	-	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

- 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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2106456

14-Jun-21

WO#:

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	0/2021 11:25:50 AM ONMENTAL 'SIS ATORY	Hall Environmen	49 Ibuquer 975 FAX:	01 Haw que, NM 505-3-	kins NE 187109 S 45-4107	ample Log-In	Pr Check List
Client Name:	Talon Artesia	Work Order Numb	er: 210	6456		RcptN	o: 1
Received By:	Juan Rojas	6/9/2021 7:30:00 AM	Λ		Hears	i g	
Completed By:	Cheyenne Cason	6/9/2021 7:57:56 AM	Λ		Juan -	-	
Reviewed By:	JR 6/9/21				Gome		
Chain of Cust	ody						
1. Is Chain of Cu	stody complete?		Yes	\checkmark	No	Not Present	
2. How was the s	ample delivered?		<u>Cou</u>	rier			
<u>Log In</u> 3. Was an attemp	ot made to cool the samp	les?	Yes	\checkmark	No [
4					ſ	_	
4. Were all sampl	es received at a tempera	ture of >0° C to 6.0°C	Yes	\checkmark	No	NA 🗌	
5. Sample(s) in p	roper container(s)?		Yes	\checkmark	No [
6. Sufficient samp	le volume for indicated te	est(s)?	Yes	\checkmark	No 🗌		
7. Are samples (e	xcept VOA and ONG) pro	perly preserved?	Yes	\checkmark	No 🗌		
8. Was preservati	ve added to bottles?		Yes		No 🛛	NA 🗌	
9. Received at lea	st 1 vial with headspace	<1/4" for AQ VOA?	Yes		No 🗌	NA 🗹	
10. Were any sam	ole containers received b	roken?	Yes		No	# of preserved	
11 -					_	bottles checked	
	k match bottle labels? ncies on chain of custody)	1	Yes	\checkmark	No	for pH:	or >12 unless noted
	rrectly identified on Chair		Yes	\checkmark	No	Adjusted?	1 2 12 unless noted
	analyses were requested				No [
	times able to be met?		Yes		No [Checked by:	SPA 6.9
	stomer for authorization.)		100				STAU
Special Handlir	ng (if applicable)						
15. Was client noti	fied of all discrepancies v	vith this order?	Yes		No	NA 🗹	
Person N	otified:	Date:	and the second				
By Whon		Via:	eMa	ail 🗌	Phone 🗌 F	ax 🗌 In Person	
Regardin	- /		nominali e finanzi e	uler i mastiklar			
Client Ins	tructions:				a be stand on the realist.		
16. Additional rem	arks:						
17. Cooler Inform	ation						
Cooler No	Temp °C Condition	Seal Intact Seal No	Seal Da	ate	Signed By		
1	2.0						

Page 1 of 1

	IMENTAL MARK								/ 21/9																	Page 77
	HALL ENVIRONMENTAL	ANALTSIS LABORATORY	4901 Hawkins NE - Alburnierarie NM 87100	Tel 505-345-3975 Eav 505-345-4107	Inal																					1960 M. S. R. S.
			4901	Tel	i sa								н ш х н е т	×	-									 Remarks:		sihility Any
T MIK	Rush		Smith BIY Fed Com 1 (Sam)		700438.250.01	R. Pons		0		□ No		20-0-20	vative HEAL No. E		002	6.00	NON	305	900	(20)	1008	p (000	010	Time	2 18 121 (330 Date Time	12 v 6/9/21 7. 30
Turn-Around Time: A MIN	Standard		Samuel Smith	Project #:	70043	Project Manager:)		Sampler: J. Carnes	T	# of Coolers: /	Cooler Temp(including CF):	Container Preservative Type and # Type	Glass Jar Ice/Cool	~									Received by: Via:	Received by: Via:	$\frac{1}{2} \int \int$
Chain-of-Custody Record	6		408 W. Texas Ave		8768			Level 4 (Full Validation)	Az Compliance				Sample Name	S-7 1'	S-8 1'	S-9 1'	S-10 1'	S-11 1'	S-12 1'	S-13 1'	S-14 1'	S-15 1'	S-16 1'	d by:	d by:	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
of-Cu	Ъ			210	575.746.8768				D Az Col	□ Other			Matrix	Soil	~			_						Relinquished by:	Relinquished by:	MUUU Samples submitte
hain-	Talon LPE	-	Mailing Address:	NM 88210	# :	r Fax#:	QA/QC Package:	dard			EDD (Type)		Time	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00	10:10		Time:	191 19 to
0	Client:		Mailing	Artesia, NM	Phone #:	email or Fax#:	QA/QC	□ Standard	Accreditation:				Date	6/8/2021	/										18	1e/8/



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

June 25, 2021

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

RE: Samuel Smith BIY Fed Com 1 Sam

OrderNo.: 2106821

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/16/2021 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 Lab Order 2106821

Date Reported: 6/25/2021

Hall Environmental Analysis Laboratory, Inc.

	, , , , , , , , , , , , , , , , , , ,				Date Reported. 0/25/202	
CLIENT: Talon Artesia		Clie	nt Sample II	D: S- 1	10 2'	
Project: Samuel Smith BIY Fed Com	1 Sam	Co	llection Dat	e: 6/8	3/2021 9:00:00 AM	
Lab ID: 2106821-001	Matrix: SOIL	R	eceived Dat	e: 6/1		
Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	160	60	mg/Kg	20	6/19/2021 4:48:34 PM	60754
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	JME
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	6/17/2021 12:37:47 PM	60691
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/17/2021 12:37:47 PM	60691
Surr: DNOP	95.1	70-130	%Rec	1	6/17/2021 12:37:47 PM	60691
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/17/2021 4:14:40 PM	60673
Surr: BFB	116	70-130	%Rec	1	6/17/2021 4:14:40 PM	60673
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	6/17/2021 4:14:40 PM	60673
Toluene	ND	0.048	mg/Kg	1	6/17/2021 4:14:40 PM	60673
Ethylbenzene	ND	0.048	mg/Kg	1	6/17/2021 4:14:40 PM	60673
Xylenes, Total	ND	0.097	mg/Kg	1	6/17/2021 4:14:40 PM	60673
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	6/17/2021 4:14:40 PM	60673

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

Qualifiers:

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

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

Page 1 of 6

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QC SUM Hall Envir	WO#:	2106821 25-Jun-21	
Client: Project:	Talon Artesia Samuel Smith BIY Fed Com 1 Sam		

Sample ID: MB-60754	SampType: MBL	.K	TestCode: El	PA Method	300.0: Anion	s		
Client ID: PBS	Batch ID: 6075	54	RunNo: 7	9208				
Prep Date: 6/19/2021	Analysis Date: 6/19	9/2021	SeqNo: 2	780472	Units: mg/K	g		
Analyte	Result PQL	SPK value SPK F	Ref Val %REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Obleviale								
Jnioride	ND 1.5							
	ND 1.5 SampType: LCS		TestCode: El	PA Method	300.0: Anion:	s		
Chloride Sample ID: LCS-60754 Client ID: LCSS			TestCode: El RunNo: 7		300.0: Anion:	s		
Sample ID: LCS-60754	SampType: LCS	54		9208	300.0: Anion : Units: mg/K	-		
Sample ID: LCS-60754 Client ID: LCSS	SampType: LCS Batch ID: 6075 Analysis Date: 6/19	54	RunNo: 7 SeqNo: 2	9208		-	RPDLimit	Qual

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
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- % Recovery outside of range due to dilution or matrix S

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

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QC SUMMARY REPORT Ha

C SUMMART REFORT	WO#:	2106821
all Environmental Analysis Laboratory, Inc.		25-Jun-21

lient: Talon Artesia											
Project: Samuel Smith BIY Fed Com 1 Sam											
Sample ID: MB-60691	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 60691	RunNo: 79149									
Prep Date: 6/16/2021	Analysis Date: 6/17/2021	SeqNo: 2779404	Units: mg/Kg								
Analyte	Result PQL SPK va	ue SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit	Qual							
Diesel Range Organics (DRO)	ND 10										
Motor Oil Range Organics (MRO) Surr: DNOP	ND 50 12 10	00 121 70	130								
Sample ID: LCS-60691	SampType: LCS	TestCode: EPA Methoo RunNo: 79149	8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 60691										
Prep Date: 6/16/2021	Analysis Date: 6/17/2021	SeqNo: 2779405	Units: mg/Kg								
Analyte		ue SPK Ref Val %REC LowLimit	9	Qual							
Diesel Range Organics (DRO) Surr: DNOP	44 10 50. 4.9 5.0										
Sample ID: 2106821-001AMS			8015M/D: Diesel Range Organics								
Client ID: S-10 2'	Batch ID: 60691	RunNo: 79149									
Prep Date: 6/16/2021											
Analyte Diesel Range Organics (DRO)	Result PQL SPK va 44 9.8 49	ue SPK Ref Val %REC LowLimit 21 0 88.5 15	0	Qual							
Surr: DNOP	44 9.8 49										
Sample ID: 2105821 001 AMS		TootCodo: EDA Motho	1 904 EM/D: Dissel Dange Organise								
Sample ID: 2106821-001AMS Client ID: S-10 2'	D SampType: MSD Batch ID: 60691	TestCode: EPA Method 8015M/D: Diesel Range Organics RunNo: 79149									
Prep Date: 6/16/2021	Analysis Date: 6/17/2021	SeqNo: 2779408									
	-	·		Qual							
Analyte Diesel Range Organics (DRO)	Result PQL SPK va 45 9.7 48.	ue SPK Ref Val %REC LowLimit 59 0 93.1 15	0	Qual							
Surr: DNOP	4.8 4.8										
Sample ID: LCS-60743	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 60743	RunNo: 79223									
Prep Date: 6/18/2021	Analysis Date: 6/19/2021	SeqNo: 2781761	Units: %Rec								
Analyte	Result PQL SPK va	ue SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit	Qual							
Surr: DNOP	5.1 5.0		•								
Sample ID: LCS-60744	SampType: LCS	TestCode: FPA Method	8015M/D: Diesel Range Organics]							
Client ID: LCSS	Batch ID: 60744	RunNo: 79223	a of tom/D. Dieser Kange Organics								
Prep Date: 6/18/2021	Analysis Date: 6/20/2021	SeqNo: 2781762	Units: %Rec								
				Qual							
Analyte	Result PQL SPK va	ue SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit	Qual							

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
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- 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 Page 3 of 6

QC SUMMARY REPORT Η

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ZC SUMMART REFORT	WO#:	2106821
Hall Environmental Analysis Laboratory, Inc.		25-Jun-21

Client: Project:	Talon Artesia Samuel Smith BIY Fed Com 1 Sam											
Sample ID:	LCS-60744	SampType:	LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID:	LCSS	Batch ID:	60744	R	unNo: 7 9	9223						
Prep Date:	6/18/2021	Analysis Date:	6/20/2021	S	eqNo: 27	781762	Units: %Rec					
Analyte		Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Surr: DNOP		4.6	5.000		92.5	70	130					
Sample ID:	MB-60743	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics										
Client ID:	PBS	Batch ID:	60743	RunNo: 79223								
Prep Date:	6/18/2021	Analysis Date:	6/19/2021	S								
Analyte		Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Surr: DNOP		9.5	10.00		95.4	70	130					
Sample ID:	MB-60744	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics										
Client ID:	PBS	Batch ID: 60744 RunNo: 79223										
Prep Date:	6/18/2021	Analysis Date:	6/20/2021	S	eqNo: 27	781766						
Analyte		Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Surr: DNOP		9.9	10.00		99.3	70	130					

Qualifiers:

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Page 4 of 6

QC SUMMARY REPORT Hall Enviro

	WO#:	2106821
onmental Analysis Laboratory, Inc.		25-Jun-21

	alon Artesia amuel Smith BIY	Fed Co	m 1 Sam							
Sample ID: mb-60673	Samp	Type: ME	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	oline Rang	е	
Client ID: PBS	Bate	ch ID: 60	673	F	RunNo: 7 9	9164				
Prep Date: 6/16/202	Analysis	Date: 6/	17/2021	5	SeqNo: 27	778537	Units: mg/h	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (G Surr: BFB	RO) ND 1100	5.0	1000		108	70	130			
Sample ID: Ics-60673	Samp	Type: LC	s	Tes	tCode: EF	PA Method	8015D: Gaso	oline Rang	e	
Client ID: LCSS	Bato	ch ID: 60	673	F	RunNo: 7 9	9164				
Prep Date: 6/16/202	Analysis	Date: 6/	17/2021	S	SeqNo: 27	778538	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (G	,	5.0	25.00	0	108	78.6	131			
Surr: BFB	1200		1000		120	70	130			
Sample ID: 2106821-0	01ams Samp	Туре: М	6	Tes	tCode: EF	PA Method	8015D: Gaso	oline Rang	е	
Client ID: S-10 2'	Bato	ch ID: 60	673	RunNo: 79164						
Prep Date: 6/16/202	Analysis	Date: 6/	17/2021	5	SeqNo: 27	778548	Units: mg/h	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (G	RO) 29	4.8	24.02	0	121	61.3	114			S
Surr: BFB	1200		960.6		123	70	130			
Sample ID: 2106821-0	01amsd Samp	Туре: М	SD	Tes	tCode: EF	PA Method	8015D: Gaso	oline Rang	e	
Client ID: S-10 2'	Bato	ch ID: 60	673	F	RunNo: 7 9	9164				
Prep Date: 6/16/202	ate: 6/16/2021 Analysis Date: 6/17/2021 SeqNo: 2778564 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (G	,	4.9	24.58	0	124	61.3	114	4.71	20	S
Surr: BFB	1200		983.3		126	70	130	0	0	

Qualifiers:

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- D Sample Diluted Due to Matrix
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- 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

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

	Talon Artesia		1.0							
Project:	Samuel Smith BIY	Fed Co:	m I Sam							
Sample ID: mb-606	73 Samp	Type: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS Batch ID: 60673 RunNo: 79164										
Prep Date: 6/16/20	021 Analysis	Date: 6/	17/2021	5	SeqNo: 2	778626	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	ND	0.050								
(ylenes, Total	ND	0.10								
Surr: 4-Bromofluorober	izene 1.0		1.000		101	70	130			
Sample ID: LCS-60	673 Samp	Type: LC	s	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Bate	ch ID: 60	673	F	RunNo: 7	9164				
Prep Date: 6/16/20	021 Analysis	Date: 6/	17/2021	SeqNo: 2778627			Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	95.9	80	120			
Toluene	0.97	0.050	1.000	0	97.0	80	120			
Ethylbenzene	0.97	0.050	1.000	0	96.7	80	120			
(ylenes, Total	2.9	0.10	3.000	0	97.4	80	120			
Cylonico, rotai	2.0	0.10	0.000	v	0	00	.=•			

Qualifiers:

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2106821

25-Jun-21

WO#:

	Page	85	01	F 87
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wed by OCD: 6/3 HALL ENVIRG	ONMENT		На	ll Environme	ental Analysis Lab 4901 Haw Albuquerque, NM	kins NE	nple Log-In Ch	Page 8
	ATORY				3975 FAX: 505-34 ts.hallenvironmen	5-4107		
Client Name:	Talon Arte	sia	Work	Order Num	nber: 2106821		RcptNo:	1
Received By:	Juan Roja	IS	6/16/20	21 7:35:00	АМ	funnen g		
Completed By:	Cheyenne	Cason	6/16/20	21 8:49:50	AM	(land		
Reviewed By:	10)	6-16	21		Garace		
Chain of Cust	ody							
1. Is Chain of Cu		lete?			Yes 🖌	No 🗌	Not Present	
2. How was the s	ample deliv	ered?			Courier			
Log In 3. Was an attemp	ot made to d	ool the sampl	es?		Yes 🗸	No 🗌		
		soon the sampl	631		Tes 💌			
4. Were all sampl	es received	at a temperat	ture of >0° C	to 6.0°C	Yes 🗹	No 🗌		
5. Sample(s) in p	roper conta	ner(s)?			Yes 🗹	No 🗌		
6. Sufficient samp	ole volume f	or indicated te	st(s)?		Yes 🔽	No 🗌		
7. Are samples (e	xcept VOA	and ONG) pro	perly preserve	ed?	Yes 🗹	No 🗌		
8. Was preservati	ve added to	bottles?			Yes 🗌	No 🗹	NA 🗌	
9. Received at lea	ist 1 vial wit	h headspace ·	<1/4" for AQ \	'OA?	Yes	No 🗌	NA 🗹	
10. Were any sam	ple containe	ers received br	oken?		Yes	No 🔽		/
11. Does paperwor	k match bol	tle labels?			Yes 🗹	No 🗌	# of preserved bottles checked for pH:	
(Note discrepar								12 unless noted)
12. Are matrices co			•		Yes 🗹	No 🗌	Adjusted?	
13. Is it clear what a			?		Yes 🗹	No 🗌	Charlest	C C 11
14. Were all holding (If no, notify cus					Yes 🗹	No 🗌	Checked by:	C 6.16
Special Handlii	ng (if app	licable)						
15. Was client noti	fied of all di	screpancies w	vith this order?)	Yes	No 🗌	NA 🗹	
Person N	lotified:	Al Anaroship Al a Denharo Vilaka di Culuzo		Date				
By Whon	n:			Via:	eMail	Phone 🗌 Fax	In Person	
Regardin	g:	nandale lunca shothe wat ga a			NINE VER PRINCIPALITATION IN CONCEPT		Rando contra contra tra a fra contra a fra contra contra contra	
Client Ins	structions:		NUMBER OF STREET, STREE	and the second of				
16. Additional rem	arks:							
17. Cooler Inform	nation							
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By		
1	0.7	Good						
2	0.2	Good						

Page 1 of 1

Rec	eived	by C	CD:	6/3	0/20	21 1	11:2:	5:50	AM					Т	Τ		Τ	Т	Γ	Γ	1	Γ	Γ	<i>P</i>	age 80	of a
	AALL ENVIRONMENTAL		4901 Hawkins NF - Alburnerune NM 87100	10	Inal																			Bill directly to EOG (Bob Asher)		-contracted data will be clearly notated on the analytical report.
			01 Ha	el. 50								В	⊢ш×	×		1.1										Any sub-
			49	Ĕ									⊢цт	×										Remarks:		ibility. /
				1				U		I C			ошо	×										Rei		nis poss
Turn-Around Time:	□ Standard □ Rush	Project Name:	Samuel Smith BIY Fed Com 1 (Sam)	Project #:	700438.250.01	Project Manager: R. Pons			r: J. Carnes	On Ice: Pres DNo	# of Coolers: 0	Cooler Temp(including CF): Conference 120.7	Container Preservative $0.3-0.1=0.2$ Type and # Type $7.175.92$	Glass Jar Ice/Cool CP (Received by: Via: Date Time bible for the Date Time Received by: Via: Date Time	2 A rowier 6/16/21 7:75	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
Chain-of-Custody Record	۱LPE		ess: 408 W. Texas Ave	88210	575.746.8768	t:	je:	Level 4 (Full Validation)	□ Az Compliance	□ Other	e)(e		Matrix Sample Name	D Soil S-10 2'										Relinquished by:		ary, samples submitted to Hall Environmental may be subd
Chai	Client: Talon LPE	to Iı	Mailing Addre	: Artesia, NM	Phone #:	construction Fax#	5:1 QA/QC Packag	Standard	Accreditation:		EDD (Type)		Date Time	6@/2021 9:00	Le/8/21 TRP									Date: Time: Date: Time: Date:	15/21 190	If necess

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:
Talon LPE	329944
408 W Texas	Action Number:
Artesia, NM 88210	34452
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
bbillings	No conditions. C-141 was signature locked so it could not be signed. Consider this approval as signature by Bradford Billings	9/6/2022

CONDITIONS

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Action 34452