### SITE INFORMATION

Report Type: Closure Report 2RP-1825 / 2RP-4224 (NAB1714639317)

<u> </u>				Report Type: Glosdic Report Zixi -1020 / Zixi -4224 (RAD II 140000 II)							
General Site Information:											
ip and Range	Unit C	Sec. 09	T 25S	R 27E							
		32.1502			-104.	198000					
	State										
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	1										
	5/21/2017										
ination:											
	45 bbl condensa	ate & 0 bbl water									
ication:											
Michael Gant				Clair Gonzal	es						
Targa Resources				Tetra Tech							
3100 McKinnon St #	<del>1</del> 800			901 W. Wall	St.						
				Ste 100							
Dallas, Texas 75201	1			Midland, Tex	kas, 79701						
(314) 330-7876				(432) 682-45	559						
Mgant@targareso	ources.com			clair.gonza	les@tetrate	ech.com					
	ination:  Cation:  Michael Gant Targa Resources 3100 McKinnon St #	Coyote Compression Targa Resource  Ip and Range Unit C  Eddy County  State  From intersection Miles. Turn right (and follow for 0.89)  5/21/2017  Condensate and Open and Malfure 200 bbl condensate 45 bbl condensate A5 bbl conden	Coyote Compressor Station Targa Resources  p and Range Unit C Sec. 09  Eddy County  32.1502  State  From intersection Black River Village Rd an Miles. Turn right (Northwest) onto lease roa and follow for 0.89 miles. Location is on the follow for 0.89 miles. Location is on the 200 bbl condensate and Produced Water 200 bbl condensate & 100 bbl water 45 bbl condensate & 0 bbl water 45 bbl condensate & 0 bbl water 200 miles.  Michael Gant Targa Resources 3100 McKinnon St #800  Dallas, Texas 75201  (314) 330-7876	Coyote Compressor Station Targa Resources  Ip and Range Unit C Sec. 09 T 258  Eddy County 32.1502  State  From intersection Black River Village Rd and Road Runn Miles. Turn right (Northwest) onto lease road, follow for 0 and follow for 0.89 miles. Location is on the right (north or 1.89 miles). Location is on the rig	Coyote Compressor Station Targa Resources  p and Range Unit C Sec. 09 T 25S R 27E  Eddy County  32.1502  State  From intersection Black River Village Rd and Road Runner Rd, travel s Miles. Turn right (Northwest) onto lease road, follow for 0.74 miles. Tur and follow for 0.89 miles. Location is on the right (north of the road).  5/21/2017 Condensate and Produced Water Condensate & 100 bbl water 45 bbl condensate & 100 bbl water 45 bbl condensate & 0 bbl water 45 bbl condensate & 0 bbl water  Cation:  Michael Gant Clair Gonzal Targa Resources Tetra Tech 3100 McKinnon St #800 901 W. Wall Ste 100 Dallas, Texas 75201 Midland, Tey (314) 330-7876 (432) 682-48	Coyote Compressor Station Targa Resources Ip and Range Unit C Sec. 09 T 25S R 27E  Eddy County  32.1502 -104.  State  From intersection Black River Village Rd and Road Runner Rd, travel south on Road Miles. Turn right (Northwest) onto lease road, follow for 0.74 miles. Turn left (South and follow for 0.89 miles. Location is on the right (north of the road).    5/21/2017   Condensate and Produced Water					

Site Characterization	
Depth to Groundwater:	100' Below Ground Surface
Karst Potential:	High

Recommended R	Recommended Remedial Action Levels (RRALs)							
Benzene	Total BTEX	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	Chlorides				
10 ma/ka	50 ma/ka	5 000 ma/ka	5 000 ma/ka					



October 20, 2023

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

RE: Closure Report
Targa Resources
Coyote Compressor Station
Eddy County, New Mexico
2RP-1825 & 2RP-4224
#NAB1714639317

#### Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by Targa Resources (Targa) to assess the deferred areas of a release that occurred at the Coyote Compressor Station, Unit C, Section 9, Township 25 South, Range 27 East, Eddy County, New Mexico (Site). The spill site coordinates are 32.150200°, -104.198000°. The site location is shown on **Figures 1 and 2**.

### Background

According to the State of New Mexico C-141 Initial Report, the release at the Coyote Compressor Station was caused by an open and malfunctioning check valve, causing the release of 200 barrels (bbls) of condensate and 100 bbls of produced water. The release was contained to the pad and along the side of the lease road, impacting an area of 203' X 152.5'. Additionally, approximately 45 bbls of condensate were recovered and no produced water was recovered. On May 21, 2017, the release was discovered and reported to the New Mexico Oil Conservation Division (NMOCD). The C-141 is shown in **Appendix A**. The work conducted on this site follows the NMOCD approved work plan, dated on June 20, 2017. The state correspondence referring to the work plan approval are shown in **Appendix B**. Additionally, Targa requested an extension for the additional work required for closure of the site on July 20, 2023 and received NMOCD approval on July 21, 2023 for the revised deadline of October 21, 2023, the correspondence is shown in **Appendix B**.

### **Site Characterization**

### Significant Water Features

According to the NFHL (National Flood Hazard Layer) Flood Data Application and the USGS (United States Geological Survey) National Water Information System Mapper, there were no watercourses, lakebeds, sinkholes, playa lakes, springs, wetlands, subsurfaces mines, private domestic water wells, or floodplains located within the specified distances. However, the



site is located in a high karst area. The NFHL Map and USGS Mapper are shown in **Appendix C**.

### Significant Boundaries

According to Google Earth US Government City Boundaries and US School Districts, the lateral extents of the release were not within incorporated municipal boundaries, defined municipal fresh water well field, or a school district. Additionally, there were no occupied permanent residences, schools, hospitals, institution, or churches located within the specified distances of the lateral extents of the release.

### Groundwater Review

Groundwater research was completed for the site through the USGS National Water Information System and New Mexico Office of the State Engineer (NMOSE) Water Rights Reporting System. Groundwater research conducted through these two resources, show the two closest water wells within a 4-mile radius of the Site. The well reported on the USGS National Water Information System reports a water level measured at 33.41 feet below ground surface (ft bgs) and is approximately 2.57 miles of the Site. The well reported on the NMOSE Water Rights Reporting System reports a total depth of 95 ft bgs and measured water level of 70 ft bgs and is approximately 3.77 miles of the Site. The groundwater information is shown in **Appendix C**. Additionally, as shown in the previously approved work plan and the previously submitted closure report, which is included in **Appendix D**, elevation and groundwater data was compiled and indicates that groundwater at the site is likely at 100 ft bgs.

Distance from Site	Date of Data	Resource of Information	Depth of Well	Depth to Water
2.57 Miles	1/07/1998	USGS	N/A	33.41'
3.77 Miles	7/23/1971	NMOSE	95'	70'

### Regulatory

A risk-based evaluation was performed for the site following the NMOCD Guidelines for Remediation of Leaks, Spills, and Releases, updated August 14, 2018. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Based upon the previously approved work plan, the proposed RRAL for TPH is 5,000 mg/kg (GRO + DRO + ORO).

#### **Previous Consultant Activities**

Souder, Miller & Associates (SMA) previously conducted initial delineation and remediation activities, as described in the previously submitted closure report, dated November 14, 2017. A total of seven (7) samples (Source, L1 through L6), were installed within the impact to determine delineation of the release. Additionally, a total of four (4) samples (SW1 through SW4) were installed directly outside of the impact to determine horizontal delineation of the



release. Following the initial delineation, SMA conducted excavation activities of the areas of impact, to total depths ranging from 0.5 ft bgs to 3.5 ft bgs. However, due to equipment and safety concerns, a deferral was requested of the areas of the Source sample and the L1 sample.

Referring to the Summary Table located in the previous submitted closure report, shown in **Appendix D**, TPH concentrations above RRALs were indicated in samples L1, L4, and L5, with concentrations ranging from 5,906 mg/kg to 25,000 mg/kg, at depths ranging from surface to 3.5 ft bgs. Additionally, elevated chloride concentrations were indicated in samples Source and L4, with concentrations ranging from 4,000 mg/kg to 5,700 mg/kg, at surface depths. All elevated and exceeding concentrations were excavated, with the exception of the deferred areas of Source and L1. The initial impact and sample locations are shown on **Figure 3**.

### **Site Assessment Activities**

On August 30, 2023, Tetra Tech conducted additional sampling activities of the deferred areas of samples Source and L1 to collect current data to determine if there was remaining impact. A total of two (2) auger holes (AH-1 through AH-2) were installed to total depths ranging from 2.5 ft bgs to 3.5 ft bgs to collect current data of the areas. The sample locations are shown on **Figure 4.** 

The samples were submitted to Envirotech Laboratory in Farmington, New Mexico to be analyzed for TPH by method 8015 modified, BTEX by method 8021B, and Chloride by EPA Method 300.0. The analytical results are summarized in **Table 1** and the analytical laboratory reports are included in **Appendix E**.

Referring to Table 1, auger holes AH-1 through AH-2 did not indicate benzene, BTEX, TPH, or chloride concentrations above RRALs. Auger holes AH-1 and AH-2 indicated TPH concentrations above laboratory detection limits, with concentrations ranging from 70.1 mg/kg to 594 mg/kg, at depths ranging from surface to 3.5 ft bgs. Auger hole AH-2 indicated chloride concentrations above laboratory detection limits, with concentrations ranging from 207 mg/kg to 291 mg/kg, at depths ranging from surface to 1.5 ft bgs.

### **Conclusions**

Targa requested an extension for the additional work required for closure of the site on July 20, 2023 and received NMOCD approval on July 21, 2023 for the revised deadline of October 21, 2023, the correspondence is shown in **Appendix B**. Based on the C-141 (NAB1714639317) and information provided by Targa, Tetra Tech performed site characterization and groundwater research to determine groundwater depth, proximity from significant water features, and proximity from specified populated entities to determine RRALs and assess the impacted area. Based on the NMOCD *Guidelines for Remediation of Leaks, Spills, and Releases*, updated August 14, 2018, according to the groundwater data found during research activities, and the NMOCD approved work plan, the RRALs of 5,000 mg/kg for TPH were followed. Based on Tetra Tech assessment activities, laboratory results indicated current chloride and TPH concentrations in auger holes AH-1 and AH-2, in the previously deferred areas of samples Source and L1, were reported below RRALs. The decrease in TPH



concentrations is likely due to natural attenuation and the decrease in chloride concentrations is likely due to dilution due to rain events over the extended period of time.

The analytical results indicated all samples from auger holes AH-1 and AH-2 reported below the RRALs, as approved by the NMOCD in the previously approved work plan, for all constituents. Based on this information, it is recommended that the Site requires no further action. The final C-141 is included in **Appendix A**.

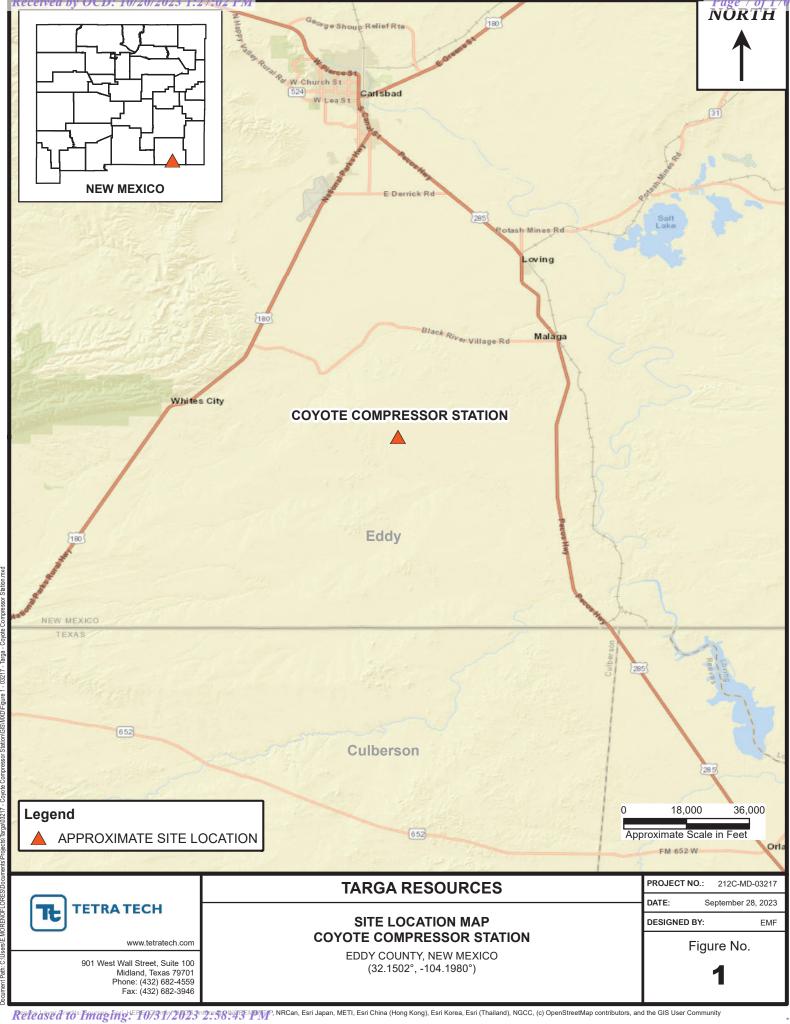
If you require any additional information or have any questions or comments, please contact us at (432) 682-4559.

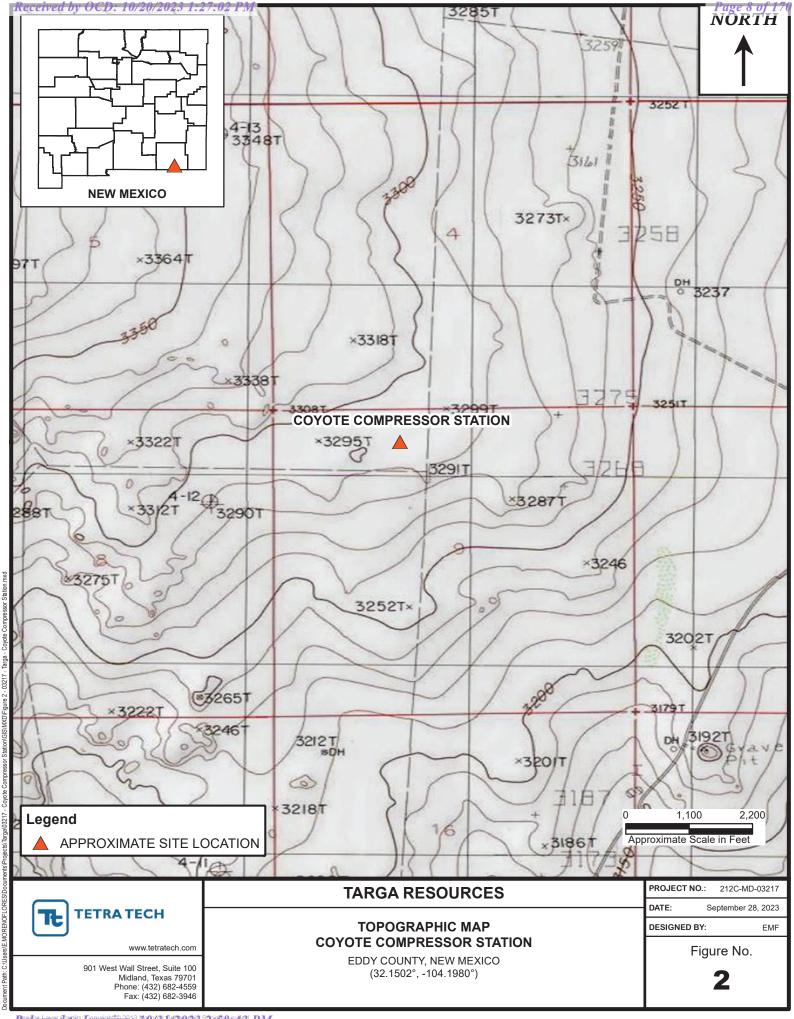
Respectfully submitted, TETRA TECH

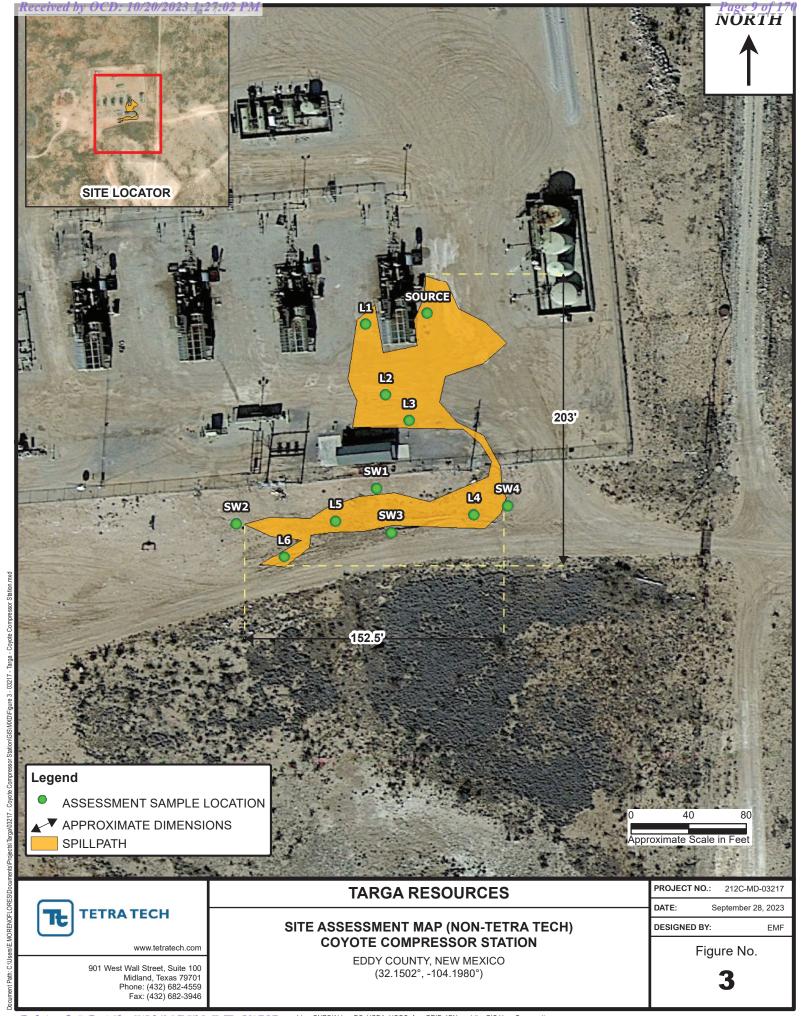
Brittany Long, Project Manager Clair Gonzales, P.G. Senior Project Manager

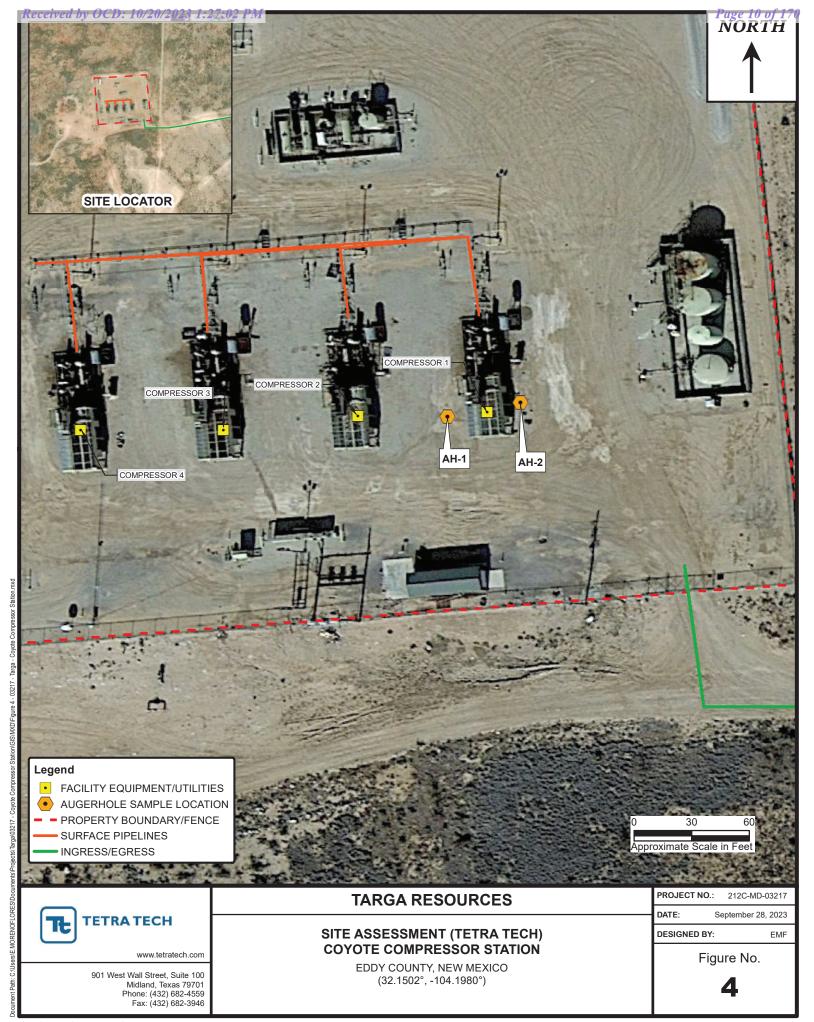


# **Figures**











# **Tables**

# Table 1 Targa Resources Coyote Compressor Station Eddy County, New Mexico

	Sample	Sample	Soil S	Soil Status		TPH	(mg/kg)		BTEX (mg/kg)					Chloride
Sample ID	Date	Depth (ft)	In-Situ	Removed	GRO mg/kg	DRO mg/kg	ORO mg/kg	Total mg/kg	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	Total (mg/Kg)	(mg/kg)
RRALs (Bas Previously Appro Plan)	oved Work							5,000 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
Assessment														
	8/30/2023	0-1	Х	-	<20.0	149	445	594	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
AH-1	"	1.0-1.5	Χ	-	<20.0	89.9	151	151	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<200
(Area of "L1")	"	2.0-2.5	Χ	-	<20.0	200	315	515	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<200
	11	3.0-3.5	Χ	-	<20.0	70.1	<50.0	70.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<200
AU 2	8/30/2023	0-1	Х	-	<20.0	<25.0	73.1	73.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	291
AH-2 (Area of "Source")	II	1.0-1.5	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	207
(Alea of Source )	11	2.0-2.5	Х	-	<20.0	<25.0	73.3	73.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<200

#### **NOTES**

RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Devision) Guidelines for Remediation of Leaks, Spills, and Releases.

All screening values and results are presented in milligrams per kilogram (mg/kg)

Bolded cells represent a detected concentration above the recommended remediation action level.

< = analyte was not detected above the respective sample detection limit

ft = feet below ground surface

(-) = not analyzed for respective constituent

TPH = total petroleum hydrocarbons

BTEX = benzene, toluene, ethylbenzene, xylene

Exceedance

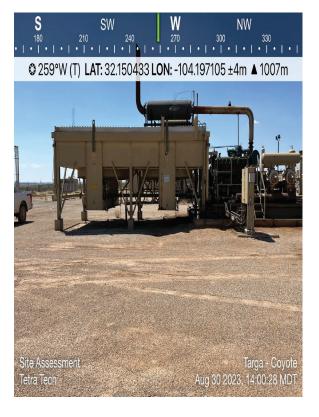


# Photographic Documentation

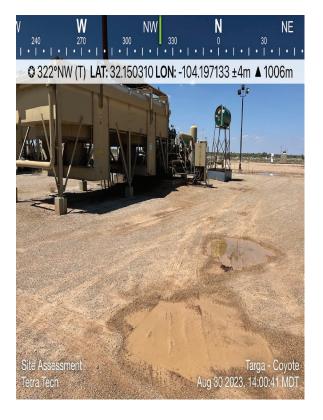
### Targa Resources Coyote Compressor Station Eddy County, New Mexico



TETRA TEC



View of Area of Source and L1 – View West



View of Area of Source and L1 – View Northwest



# Appendix A

C-141 Document

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

### State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Santa Fe, NM 87505						
Release Notification and Corrective Action						
NJMW1322640868	OPERATOR X Initial Report Final Report					
Name of Company AGAVE ENERGY COMPANY 14783/	Contact AUSTIN WEYANT					
Address 105 SOUTH 4 <sup>TH</sup> STREET ARTESIA, NM	Telephone No. 575 513-8988					
Facility Name COYOTE COM[RESSOR STATION	Facility Type COMPRESSOR STATION					
Surface Owner Mineral Owner	API No.					
	ON OF RELEASE					
Unit Letter   Section   Township   Range   Feet from the   Nort   C   9   25 S   27E	h/South Line   Feet from the   East/West Line   County   EDDY					
Latitude N32.150	9 <b>Longitude</b> W104.1980					
NATURI	E OF RELEASE					
Type of Release CONDENSATE	Volume of Release 200BBL Volume Recovered 45BBL					
Source of Release PRODUCT TANK	Date and Hour of Occurrence Date and Hour of Discovery					
Was Immediate Notice Given?  ☐ Yes ☐ No X Not Required	If YES, To Whom? Approx. 8/9/13 per phone call					
By Whom?	Date and Hour					
Was a Watercourse Reached?  Yes X No	If YES, Volume Impacting the Watercourse.					
If a Watercourse was Impacted, Describe Fully.*	RECEIVED					
	AUG 1 3 2013					
Describe Cause of Problem and Remedial Action Taken.*	NMOCD ARTESIA					
	drain piping and out compressor unit sump. The affected area was bordered with a ns. An emergency 811 was made and clean up started. Check valves have been					
installed on open drain line to prevent any future backflow.						
Describe Area Affected and Cleanup Action Taken.*						
Affected area on the station's pad is 100ft X 60ft with a vertical extent of	of 4-7 inches, a portion of the release flowed off the pad and on to a lease road and					
bare ditch Affected are is 70ft long by 3ft wide with a vertical extent of	2ft. Affected soil will be removed and hauled off to R360 for disposal and					
replaced with unaffected top soil. Samples will be pulled from surface of	lown to 4ft Cl, TPH and BTEX will be included in any analysis.					
I hereby certify that the information given above is true and complete to	the best of my knowledge and understand that pursuant to NMOCD rules and					
	notifications and perform corrective actions for releases which may endanger					
	he NMOCD marked as "Final Report" does not relieve the operator of liability					
	ate contamination that pose a threat to ground water, surface water, human health does not relieve the operator of responsibility for compliance with any other					
federal, state, or local laws and/or regulations.						
Andrea A	OIL CONSERVATION DIVISION					
Signature: WW \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						
Printed Name: AUSTIN WEYANT	Approved by Environmental Specialistical By Mily Brandian					
Title: ENG TECH	Approval Date: Expiration Date:					
E-mail Address: aweyant@yatespetroleum.com	Conditions of Approval: Remediation per OCD Rule & Attached					
Date: 8/13/13 Phone: 575 513-8988	Guidelines. SUBMIT REMEDIATION					
FJMW 13226407/3/ ; JMW 13226440	52 PROPOSAL NO LATER THAN: 2RP-1825					
Released to Imaging: 10/31/2023 \$:58:43 PM	September 14,2013					

### NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-141

MAY 25 2017 Revised August 8, 2011

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

Oil Conservation Division 1220 South St. Francis Dr.

State of New Mexico

Energy Minerals and Natural Resources

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 S. St. Fran	cis Dr., Sant	a Fe, NM 8/503	<b>,</b>	Sa	ınta F	e, NM 875	05				
AB1714	103904	98	Rele	ease Notific	atio	n and Co	rrective A	ction			
NABITH							RATOR		V In	itial Danasi	Einal Danaut
		ucid Energy	Delaware	= 37/9(a	0 1	OPERATOR X Initial Report Final Report  Contact Kerry Egan					Final Report
		)uay Artesia.		10			No. 575 513-89	88			
Facility Nar	ne: Coyot	e Compresso	r Station				e: Compressor !				
Surface Ow	ner: State	of NM	Mineral (	)wner				API No.	•		
<del>}</del>			LOC	TIO	N OF REI	FACE					
Unit Letter	Section	Township	Range	Feet from the		n/South Line	Feet from the	East/Wes	st Line	County	
	9	25S	27E							EDDÝ	
	<u> </u>		Latitude	32.150	)2 Longitud	e -104.1980	<u>L</u>				
						E OF REL					
Type of Rele	ase: Pipelir	ne Liquids		1412.3	CALL		Release: Estimat	ed V	olume R	tecovered: None	:
		•					f pipeline liquids e/waste water)				
		e left open, an	id a malfu	nctioning check v	alve	Date and I	lour of Occurrence	e: D	ate and	Hour of Discove	ery: 5/21/2017
failed to prev Was Immedi							Whom? Upon no	otification	to Lucid	EH&S, an emai	I notification
		×	Yes [	No Not R	equired	l was made	to Mike Bratcher	on 5/23/20	17		
By Whom? I						Date and Hour: 5/23/2017 6:55AM					
Was a Water	course Rea		Yes 🗵	] No		If YES, Volume Impacting the Watercourse.					
If a Watercon	urse was In	pacted, Descr									
Describe Cau	use of Prob	lem and Reme	dial Actio	n Taken.*					***************************************		
							produced water) v umps and skid dra				
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by 20' in wid			, , ,						,		
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will be subm	itted after r	eviewing the	initial sam	pling results.		-					
							knowledge and und perform corre				
public health	or the env	ironment. The	acceptan	ce of a C-141 rep	ort by t	the NMOCD n	narked as "Final R	leport" doe	s not rel	ieve the operator	r of liability
							ion that pose a thi				
		addition, Nivi ws and/or reg		ptance of a C-141	report	does not reliev	ve the operator of	responsibi	nty for c	ompliance with	any other
	Δ						OIL CON	SERVA	TION	DIVISION	
Signature:	Herry	Bon	_						1.1	s/	
	" "	-8-				Approved by	Signed I Environmental S	By pecialist.	14 6	) MARCINE ST.	-
Printed Nam					***************************************		E/aclu			Date: NIA	
Title: Envir	onmental C	ompliance Co	ordinator			Approval Da	ite: 5/26/1	/ Ex	piration	Date: N/A	
E-mail Addr	ess: KEgai	n@agaveenerg	gy.com			Conditions of	f Approval:		1	Attached X	1
Date: \$/24/2017 Phone: 575 810-6021							Seeat	tacha	d	, macrica &	<b>.</b>

\* Attach Additional Sheets If Necessary

New forms can be found in the New Mexico State Website in forms: http://www.emnrd.state.nm.us/

OCD/forms.html

2RP-4224

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 5/25/17 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 2RP + 4224 has been assigned. Please refer to this case number in all future correspondence.

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete <u>division-approved corrective action</u> for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District  $\frac{2}{2}$  office in  $\frac{ARTESIA}{ARTESIA}$  on or before  $\frac{6/25/17}{2}$ . If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- •Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.
- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.
- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold

OCD Environmental Bureau Chief
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-476-3465
jim.griswold@state.nm.us

e of New Mexico

Incident ID	NAB1714639317
District RP	
Facility ID	
Application ID	

### Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	~100 (ft bgs)				
Did this release impact groundwater or surface water?	☐ Yes 🗸 No				
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes 🗸 No				
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ✓ No				
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ✓ No				
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ✓ No				
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ✓ No				
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ✓ No				
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ✓ No				
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ✓ No				
Are the lateral extents of the release overlying an unstable area such as karst geology?	✓ Yes 🗌 No				
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ✓ No				
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	☐ Yes ✓ No				
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vercontamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil				
Characterization Report Checklist: Each of the following items must be included in the report.					
<ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li>Field data</li> <li>Data table of soil contaminant concentration data</li> <li>Depth to water determination</li> <li>Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>Boring or excavation logs</li> <li>Photographs including date and GIS information</li> <li>Topographic/Aerial maps</li> </ul>					
Laboratory data including chain of custody					

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

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Incident ID	NAB1714639317
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.					
Printed Name: Michael Gant	Title: Senior Environmental Specialist				
Signature: MGant	Date: 10/20/2023				
email: mgant@targaresources.com	Telephone: (314) 330-7876				
OCD Only					
Received by:	Date:				

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Incident ID	NAB1714639317
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Facility ID	
Application ID	

### Closure

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

Closure Report Attachment Checklist: Each of the following is	tems must be included in the closure report.		
A scaled site and sampling diagram as described in 19.15.29.11 NMAC			
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)			
✓ Laboratory analyses of final sampling (Note: appropriate ODC)	C District office must be notified 2 days prior to final sampling)		
Description of remediation activities			
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and ren human health or the environment. In addition, OCD acceptance of a	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in		
Signature: MGant			
email: mgant@targaresources.com	Telephone: (314) 330-7876		
OCD Only			
Received by:	Date:		
remediate contamination that poses a threat to groundwater, surface of party of compliance with any other federal, state, or local laws and/o	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.		
Closure Approved by: Luttan Hall	Date: _10/31/2023		
Printed Name: Brittany Hall	Title: Environmental Specialist		



# Appendix B

State Correspondence

### **Bratcher, Mike, EMNRD**

**From:** Bratcher, Mike, EMNRD

**Sent:** Thursday, July 13, 2017 9:12 AM **To:** 'Kerry Egan'; Weaver, Crystal, EMNRD

**Cc:** Heather Patterson

**Subject:** RE: Coyote Compressor Station: 2RP-1825 and 2RP-4224

RE: Lucid Energy Delaware \* Coyote Compressor Station \* 2RP-4224 \* DOR: 5/21/17

Kerry,

Your proposal for partial remediation of the above refenced release is approved. It is OCD's understanding that it will not be practicable to achieve RRAL's in some of the impacted areas due to equipment, lines, and/or bedrock. Some elevated hydrocarbon levels will be left in place and deferred to a time when access permits additional remedial actions. This deferral will be documented in OCD database. All impacted material above RRAL that is accessible will be removed to an OCD approved disposal. OCD's depth to groundwater research for this site, indicates that there is a potential for encountering groundwater at slightly less than 100' bgs, however, that would not affect the proposed remedial actions at this time, and would likely require installation of an exploratory well to confirm.

If you have any questions or concerns, and for notification, please contact me.

Thanks,

Mike Bratcher NMOCD District 2 811 S. First St. Artesia NM 88210 575-748-1283 Ext 108 mike.bratcher@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Kerry Egan [mailto:KEgan@agaveenergy.com]

**Sent:** Thursday, June 29, 2017 11:12 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>

**Cc:** Heather Patterson <heather.patterson@soudermiller.com> **Subject:** Coyote Compressor Station: 2RP-1825 and 2RP-4224

Mike and Crystal,

As we discussed here is the report and work plan for the release at the Coyote Compressor Station. I've included the second map with the depth to groundwater of surrounding wells shown. Upon approval of work plan we'll finish excavating the contaminated material and sample as planned.

If you have any subsequent questions that weren't covered in our meeting this morning, please feel free to get in touch with me.

Thanks, Kerry Egan Environmental Compliance Coordinator



326 W. Quay

Artesia, NM Office: (575) 810-6021 | Cell: (575) 513-8988 Kegan@agaveenergy.com | www.lucid-energy.com

This email and its attachments may contain information which is confidential and/or legally privileged. If you are not the intended recipient of this e-mail please notify the sender immediately by e-mail and delete this e-mail and its attachments from your computer and IT systems. You must not copy, re-transmit, use or disclose (other than to the sender) the existence or contents of this e-mail or its attachments or permit anyone else to do so.

### Bratcher, Mike, EMNRD

**From:** Bratcher, Mike, EMNRD

**Sent:** Wednesday, October 18, 2017 8:02 AM **To:** Heather Patterson; Weaver, Crystal, EMNRD

**Cc:** Kerry Egan; Austin Weyant; agroves (agroves@slo.state.nm.us)

**Subject:** RE: Backfill request

RE: Lucid Energy \* Coyote Station \* 2RP-1825 & 4224

Heather,

Your request to backfill the areas identified as L4 & L5 at the above referenced site is approved.

Thank you,

Mike Bratcher NMOCD District 2 811 South First Street Artesia, NM 88210 575~748~1283 Ext 108

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

**From:** Heather Patterson [mailto:heather.patterson@soudermiller.com]

Sent: Tuesday, October 17, 2017 2:59 PM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>

Cc: Kerry Egan <KEgan@lucid-energy.com>; Austin Weyant <austin.weyant@soudermiller.com>

Subject: Backfill request

RE: Lucid Energy \* Coyote Station \* 2RP-1825 \* 2RP-4224

Good Afternoon,

On behalf of Lucid Energy, I would like to request backfill at the Coyote Station. This request is for the area between the pipelines and includes sample locations L4 and L5. Attached you'll find the site map and the lab results.

Thank you,

Heather Patterson Staff Scientist

Souder, Miller & Associates

Engineering ♦ Environmental ♦ Surveying 201 Halagueno St Carlsbad, NM 88220 www.soudermiller.com

(575)200-5343 (mobile)



### Long, Brittany

From: Long, Brittany

Sent: Friday, October 20, 2023 11:13 AM

To: Long, Brittany

FW: [EXTERNAL] (Extension Approval) NAB1714639317 COYOTE COMPRESSOR STATION Subject:

### Brittany D. Long,

### Brittany D. Long | Biologist & Project Manager

Phone: 432.682.4559 | Mobile 432.741.5813 | Fax:432.682.3946 Brittany.Long@tetratech.com

### Tetra Tech | Leading with Science®

901 West Wall Street, Suite 100 Midland, Texas 79701

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From: Gant, Michael <mgant@targaresources.com>

Sent: Friday, October 20, 2023 9:47 AM

To: Long, Brittany <Brittany.Long@tetratech.com>

Subject: FW: [EXTERNAL] (Extension Approval) NAB1714639317 COYOTE COMPRESSOR STATION



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#### **Michael Gant**

Senior Environmental Specialist





### Targa Resources

3100 McKinnon St. #800 Dallas, TX 75201 +1 (314) 330 7876 Cell mgant@targaresources.com https://www.targaresources.com/

From: Hamlet, Robert, EMNRD < Robert. Hamlet@emnrd.nm.gov>

Sent: Friday, July 21, 2023 4:10 PM

To: Gant, Michael <mgant@targaresources.com>

Cc: Higginbotham, Christina M. <chigginbotham@targaresources.com>

Subject: [EXTERNAL] (Extension Approval) NAB1714639317 COYOTE COMPRESSOR STATION

**CAUTION:** This email originated from outside of Targa. Do not click links or open attachments unless you recognize the sender and know the content is safe.

RE: Incident #NAB1714639317

### Michael,

Your request for an extension to **October 21st, 2023** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave.| Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/



From: Gant, Michael <mgant@targaresources.com>

Sent: Thursday, July 20, 2023 2:17 PM

To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD

<Robert.Hamlet@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>

Cc: Higginbotham, Christina M. <chigginbotham@targaresources.com>

Subject: [EXTERNAL] NAB1714639317 Extension Request

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Good Afternoon,

Targa Resources is submitting a request for extension of time to respond to the incident, NAB1714639317 at the Coyote Compressor Station. This incident occurred in 2017 under Lucid Energy Delaware LLC. and a closure report was submitted via email on 11.15.2017. On 4/26/2023, OCD updated the incident page reporting that the incident had been denied closure and a representative was notified. However, there was no notice of the closure denial received by any of the current Targa Resources representatives. Lucid Energy Delaware assets were acquired by Targa Resources on 7/1/2022. Targa only recently learned this week that this historical Lucid incident was still reported as "Closure Not Approved" on the OCD incident page and would appreciate additional time to appropriately respond to the OCD regarding site remediation and closure request.

Please let me know if you have any questions or concerns.

Thank you,

Michael Gant

Senior Environmental Specialist



Targa Resources

3100 McKinnon St. #800 Dallas, TX 75201

+1(314) 330 7876 Cell | mgant@targaresources.com | https://www.targaresources.com/

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# Appendix C

Site Characterization Documents



## New Mexico Office of the State Engineer

## **Point of Diversion Summary**

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** 

Q64 Q16 Q4 Sec Tws Rng

X

C 01452

577435 3563175\*

**Driller License:** 

**Driller Company:** 

BARRON, EMMETT

**Driller Name:** BARRON, EMMETT

07/21/1971

7.00

**Drill Finish Date:** 

07/23/1971

Plug Date:

**Drill Start Date:** Log File Date:

08/02/1971

**PCW Rcv Date:** 

Source:

Shallow

**Pump Type:** 

Pipe Discharge Size:

**Estimated Yield:** 

**Casing Size:** 

**Depth Well:** 

95 feet

Depth Water:

70 feet

Water Bearing Stratifications:

**Bottom Description** Top

70 Sandstone/Gravel/Conglomerate

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.

60

9/14/23 3:55 PM

POINT OF DIVERSION SUMMARY

<sup>\*</sup>UTM location was derived from PLSS - see Help



Click to hideNews Bulletins

- How are we doing? We want to hear from you. Take our quick survey to tell us what you think.
- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

### Search Results -- 1 sites found

Agency code = usgs site\_no list =

• 320959104093001

#### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

### USGS 320959104093001 25S.27E.02.21211

Eddy County, New Mexico Latitude 32°09'59", Longitude 104°09'30" NAD27 Land-surface elevation 3,145.0 feet above NGVD29

This well is completed in the Other aguifers (N9999OTHER) national aguifer.

This well is completed in the Azotea Tongue of Seven Rivers Formation (313AZOT) local aquifer.

# Table of data Tab-separated data Graph of data Reselect period

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1992-11-20	16:30 UTC	m	62610		3113.97	NGVD29	1	S		
1992-11-20	16:30 UTC	m	62611		3115.61	NAVD88	1	S		
1992-11-20	16:30 UTC	m	72019	31.03			1	S		
1998-01-07		D	62610		3111.59	NGVD29	1	S		
1998-01-07		D	62611		3113.23	NAVD88	1	S		
1998-01-07		D	72019	33.41			1	S		

#### Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface

Section	Code	Description
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	Α	Approved for publication Processing and review completed.

Questions or Comments Automated retrievals <u>Help</u> Data Tips Explanation of terms Subscribe for system changes **News** 

Accessibility

U.S. Department of the Interior | U.S. Geological Survey

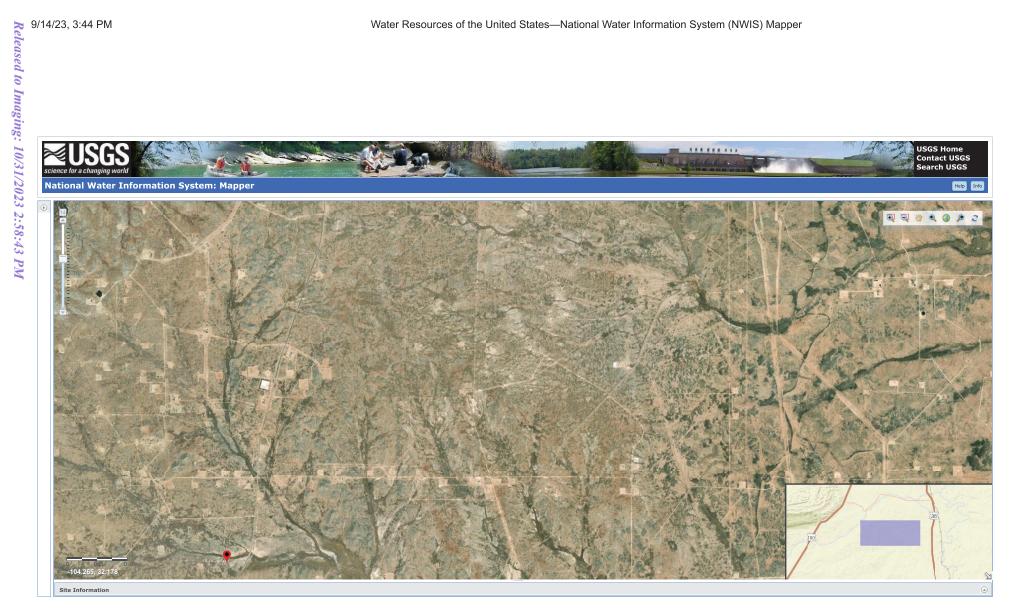
Title: Groundwater for USA: Water Levels

URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2023-09-14 17:42:02 EDT

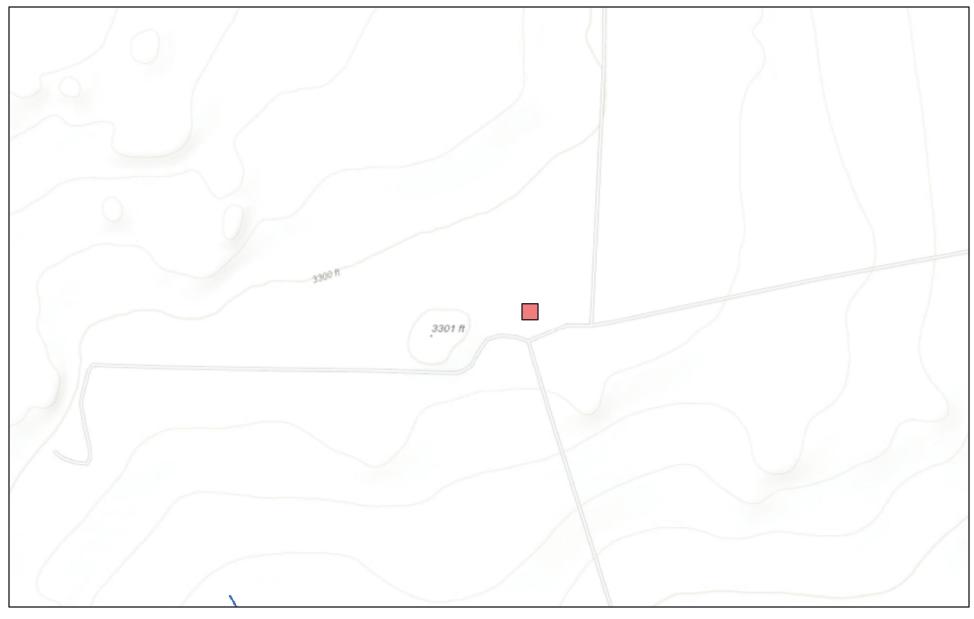
0.28 0.24 nadww01



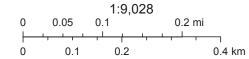


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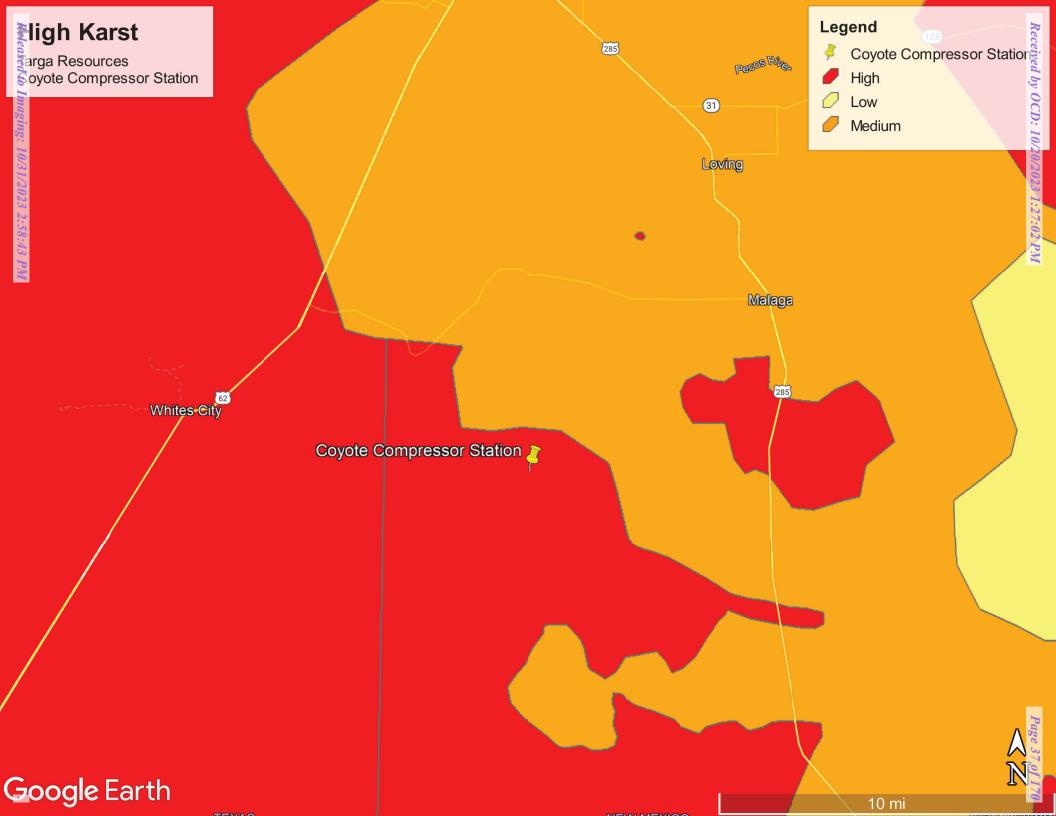
### New Mexico NFHL Data



September 14, 2023



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,





## Appendix D

**Previous Consultant Data** 

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

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	
District RP	
Facility ID	
Application ID	

## **Release Notification**

## **Responsible Party**

Responsible	Party: Lucio	d Energy Group			OGRID: 3	372422			
Contact Nam						elephone: 575-8	10-6021		
		-							
		ucid-energy.com			Incident #	(assigned by OCD)	: 2RP-1825 & 2RP-4224		
Contact mail	ing address:	PO BOX 158 Art	esia, NM 88211						
			Location	of R	Release S	ource			
Latitude 32.1	502				Longitude -	-104.1980			
			(NAD 83 in de	cimal de	egrees to 5 decir				
Site Name: C	oyote Comp	ressor Station			Site Type:	Compressor Sta	tion		
Date Release	Discovered:	8/9/2013 & 5/21/	2017		API# (if app				
Date Herease	21000 (0104.	0/7/2013 @ 0/21/			1 xx xm (g app				
Unit Letter   Section   Township   Range					Cour	nty			
С	9	25S	27E	Eddy	Eddy				
Surface Owner	urface Owner:   State □ Federal □ Tribal □ Private (Name:)								
			Nature and	l Vol	lume of I	Release			
				calculat	ions or specific		volumes provided below)		
Crude Oil		Volume Release	d (bbls)			Volume Reco	vered (bbls)		
Produced	Water	Volume Release	d (bbls)			Volume Recov	vered (bbls)		
		Is the concentrat produced water	ion of dissolved c.>10,000 mg/l?	hloride	e in the	Yes No	0		
Condensa:	te	Volume Release	d (bbls): 200 bbls	& 100	) bbls	Volume Recov	vered (bbls): 45 bbls & 0 bbls		
☐ Natural G	as	Volume Release	d (Mcf):			Volume Recov	vered (Mcf):		
Other (des	scribe):	Volume/Weight	Released (provide	units)	):	Volume/Weig	ht Recovered (provide units):		
Pipeline Liqu	ids (i.e.								
mixture of co	ndensate								
and water)									

Form C-141 Page 2 State of New Mexico Oil Conservation Division

	_	
Incident ID		
District RP		
Facility ID		
Application ID		

liquids consisting of cond of the facility impacting a	1/17 an open valve and a malfunctioning censate and waste water. The spill ran acrost total of 950 square yards of surface. Thre f the spill impacting the area between the p	e buried pipelines run through the
from the compressor static	ting the station as Agave Energy Company on pad to the pipeline ROW. That spill wa work plan is intended to address and close	y, had a similar spill (2RP-1825) that followed the same spill path is addressed at the time, but remains open in NMOCD records. The both spills.
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the response	onsible party consider this a major release? at the time, greater than 25 bbls of condensate were released during
⊠ Yes □ No		
If YES, was immediate n notice was provided to M	otice given to the OCD? By whom? To ike Bratcher, NMOCD District II via phon	whom? When and by what means (phone, email, etc)? Immediate the call on 5/23/2017, by Kerry Egan.
	Initial R	Response
The responsible p	varty must undertake the following actions immediate	ely unless they could create a safety hazard that would result in injury
<ul><li>☑ The source of the rele</li><li>☑ The impacted area has</li></ul>	ase has been stopped. s been secured to protect human health and	d the environment.
-		dikes, absorbent pads, or other containment devices.
	coverable materials have been removed ar	
At the time of the release, existing fence around the construction of a barbwire	station. The affected area the traveled from the fence to prevent vehicles, persons or liven between the station pad and a lease road.	why: c of the release. The site was already partially secured due to the n the station to the adjoining pipeline ROW was secured with the stock from entering the impacted area. The pipeline ROW itself was This is why the liquids collected here, and prevented them from
has begun, please attach a	a narrative of actions to date. If remedial	remediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred please attach all information needed for closure evaluation.
regulations all operators are republic health or the environmentalled to adequately investigations.	required to report and/or file certain release not nent. The acceptance of a C-141 report by the tate and remediate contamination that pose a thr	be best of my knowledge and understand that pursuant to OCD rules and tifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In f responsibility for compliance with any other federal, state, or local laws
Printed Name: _Kerry Ega	an	Title: _Environmental Compliance Manager
Signature: My W	,	Date:
email: <u>KEgan@lucid-ene</u>	ergy.com_	Telephone: _575-810-6021

**Received by OCD: 10/20/2023 1:27:02 PM**Form C-141 Stat

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State of New Mexico

Oil Conservation Division

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Incident ID	All his conservations are an extended to the second	
District RP		
Facility ID		
Application ID		

OCD Only	
Received by:	Date:

Received by OCD: 10/20/2023 1:27:02 PM

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State of New Mexico Oil Conservation Division

	O	
Incident ID		
District RP		
Facility ID		
Application ID		

## Closure

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

Closure Report Attachment Checklist: Each of the following is	items must be included in the closure report.					
A scaled site and sampling diagram as described in 19.15.29.1	11 NMAC					
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)					
☐ Laboratory analyses of final sampling (Note: appropriate ODG	C District office must be notified 2 days prior to final sampling)					
□ Description of remediation activities						
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and remuman health or the environment. In addition, OCD acceptance of accompliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the confaccordance with 19.15.29.13 NMAC including notification to the O	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.  Title: _Environmental Compliance Manager					
OCD Only						
Received by:	Date:					
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.					
Closure Approved by:	Date:					
Printed Name:	Title:					

## **Kerry Egan**

**From:** Heather Patterson <heather.patterson@soudermiller.com>

Sent: Wednesday, November 15, 2017 8:22 AM

To: mike.bratcher@state.nm.us; Weaver, Crystal, EMNRD (Crystal.Weaver@state.nm.us);

agroves@slo.state.nm.us

**Cc:** Austin Weyant; Kerry Egan; Ruben Molina

**Subject:** Coyote Station Closure Report

**Attachments:** Coyote Compressor Station Final Closure Report.pdf

RE: Lucid Energy \* Coyote Compressor Station \* 2RP-1825 and 2RP-4224

Good Morning,

Please find the attached closure report for the Lucid Energy Group Coyote Compressor Station.

Thank you,

Heather Patterson

Staff Scientist

Souder, Miller & Associates

Engineering ◆ Environmental ◆ Surveying

201 Halagueno St

Carlsbad, NM 88220

www.soudermiller.com



(575)200-5343 (mobile)



November 14, 2017

#5E26084-BG3

NMOCD District 2 Mike Bratcher 811 South First Street Artesia, NM 88210

SUBJECT: SOIL REMEDIATION CLOSURE REPORT FOR THE INCIDENT AT THE COYOTE COMPRESSOR STATION, EDDY COUNTY, NEW MEXICO

Dear Mr. Bratcher:

On behalf of Lucid Energy Group (Lucid), Souder, Miller & Associates (SMA) has prepared this CLOSURE REPORT that describes the assessment, initial delineation and remediation for a release associated with the Coyote Compressor Station. The site is in UNIT C, SECTION 9, TOWNSHIP 25S, RANGE 27E, NMPM, Eddy County, New Mexico, on State land. Figure 1 illustrates the vicinity and location of the site.

**Table 1**, below, summarizes information regarding the release.

Table 1: Release information and Site Ranking				
Name	Coyote Compressor Station			
Company	Lucid Energy Group			
Incident Number	2RP-1825, 2RP-4224			
API Number	fJMW1322640713, fAB1714639098			
Location	32.1502, -104.1980			
Estimated Date of Release	August 9, 2013, May 21, 2017			
Date Reported to NMOCD	August 9, 2013, May 23,2017			
Land Owner	State			
Reported To	NM Oil Conservation Division (NMOCD)			
Source of Release	Open valve and malfunctioning check valve			
Released Material	Pipeline liquids (Condensate and waste water)			
Released Volume	200 bbls, 100 bbls			
Recovered Volume	45 bbls, 0 bbls			
Net Release	155 bbls, 100bbls			
Nearest Waterway	Black River is 5 miles northwest of the location			
Depth to Groundwater	Estimated to be greater than 100 feet			
Nearest Domestic Water Source	Greater than 1,000 feet			
NMOCD Ranking	0			
SMA Response Dates	5/31/17, 6/9/17, 9/14/17, 10/16/17 and 10/30/17			

Page 2 of 4

## 1.0 Background

An open valve and a malfunctioning check valve caused the release of 100 bbls of pipeline liquids consisting of condensate and waste water. The spill ran across the pad and down the bar ditch in front of the facility impacting a total of 950 square yards of surface. Three buried pipelines run through the ditch, with the majority of the spill impacting the area between the pipelines. Lucid, then operating the station as Agave Energy Company, had a similar spill that followed the same spill path in 2013. That spill was addressed at the time, but remains open in NMOCD records. The planned mitigation in this work plan is intended to address and close both spills.

## 2.0 Site Ranking and Land Jurisdiction

Malaga is approximately 9 miles northeast of the release location. The elevation of the release site is approximately 3,296 feet above sea level. After evaluation of the site using aerial photography and topographic maps, depth to groundwater is estimated to be greater than 100 feet below ground surface (bgs). NMOSE data in the area is rather sparse, but most information supports groundwater being greater than 100 feet. One well, C 03262 POD1, shows a depth to water at 75 feet, but its surface elevation is approximately 200 feet below the elevation of the site.

Recommended Remediation Action Levels (RRALs) are determined by the site ranking according to the NMOCD *Guidelines for Remediation of Leaks, Spills, and Releases* (1993). Below in Table 2 are the remediation standards and the site ranking for this location. Justification for this site ranking is found in Figure 1 and Appendix B.

Table 2. Site Ranking

Soil Remediation Standards	0 to 9	10 to 19	>19
Benzene	10 PPM	10 PPM	10 PPM
BTEX	50 PPM	50 PPM	50 PPM
TPH	5000 PPM	1000 PPM	100 PPM

Depth to Groundwater	NMOCD Numeric Rank
< 50 BGS = 20	
50' to 99' = 10	
>100' = 0	0
Distance to Nearest Surface Water	NMOCD Numeric Rank
< 200' = 20	
200' - 1000' = 10	
>1000' = 0	0
Well Head Protection	NMOCD Numeric Rank
<1000' (or <200' domestic) = 20	
> 1000' = 0	0
Total Site Ranking	0

Coyote Compressor Station November 14, 2017 Page 3 of 4

## 3.0 Release Characterization

On June 9, 2017, after receiving 811 clearance, SMA field personnel assessed the release area. Soil samples were field-screened using an EC meter. Several sample locations were augered by hand and with a backhoe to a maximum depth of 5 feet bgs. Samples were collected to characterize and delineate the release. All samples were collected and processed according to NMOCD soil sampling procedures. The samples were sent under chain-of-custody protocols to Hall Environmental Analysis Laboratory for analysis for BTEX by EPA Method 8021, TPH EPA Method 418.1 and chlorides EPA Method 300.0. Sample locations are depicted on Figure 2. All laboratory results are summarized in Table 3. Laboratory reports are included in Appendix C.

The area on the pad was sampled to a total depth of 4.5 feet, represented by samples L1-L3. Characterization samples indicated that soil near the source area and L1 needed further excavation. Samples L2 and L3 resulted in all contaminants below the RRALs, and further no further excavation was recommended.

Samples L4 and L5 were collected from the pooling area in the ditch and were advanced to 2.5 feet and 3.5 feet respectively. Sample results indicated that TPH exceeded RRALs and further excavation was recommended.

Side wall samples from the area of pooling in the ditch were also collected utilizing the backhoe (SW1, SW2, SW3, and SW4) to define the extent of the impacted area. Each side wall sample was a composite of the excavation wall from the ground level to bedrock (3.5 feet bgs at SW4, 3 feet bgs at SW2 and 4 feet bgs at SW3 and SW1). All side wall samples resulted in contaminants below the RRALs, indicating that the extents in this area had been defined.

## 4.0 Soil Remediation

With approval from area utilities owners via 811, SMA executed the proposed action of excavation of the impacted soils. The area excavated is shown in Figure 2, and is highlighted in Table 3. Due to safety concerns, the excavation in this area did not come within 3 feet of the buried pipelines.

While waiting for approval of the work plan submitted on July 13, 2017, the excavation described above remained open. After September rain events, the open excavation filled with rainwater. This fluid was removed by vacuum truck and disposed of. On September 14, 2017, the area within the bar ditch was excavated and sampled to bedrock, which occurred at 3.5 feet bgs at L4 and 4 feet bgs at L5. Confirmation samples were collected from L4 and L5; results from L4 indicated further excavation was still necessary, and L5 indicated results below RRALs and no further excavation was necessary. Upon returning to the site on October 11, 2017 to resample, the open excavation was completely flooded again. After hydrovacing for the second time, a closure sample obtained at the final depth of excavation for sample L4.

All contaminated soil was transported for proper disposal at an NMOCD permitted disposal facility. Backfill approval was granted by the State Land Office and the NMOCD on October 18, 2017.

On October 30<sup>th</sup>, 2017, SMA returned to the site to further delineate the area to be deferred. Additional samples at the source area at 2 feet bgs and L1 at 2 and 3 feet bgs were collected by method of handaugering. These samples resulted in all contaminants below RRALs, indicating that remaining affected soil is primarily surficial.

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Coyote Compressor Station November 14, 2017 Page 4 of 4

## 5.0 Scope and Limitations

The scope of our services consisted of the performance of assessment sampling, verification of release stabilization, regulatory liaison, and preparation of this work plan. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact either Austin Weyant at 575-689-8801 or Shawna Chubbuck at (970) 565-4465 x1504.

Submitted by:

SOUDER, MILLER & ASSOCIATES

Just Nevant

Reviewed by:

Austin Weyant Project Scientist

Shawna Chubbuck Senior Scientist

### **ATTACHMENTS:**

## Figures:

Figure 1: Vicinity and Well Head Protection Map

Figure 2: Site and Sample Location Map

Tables:

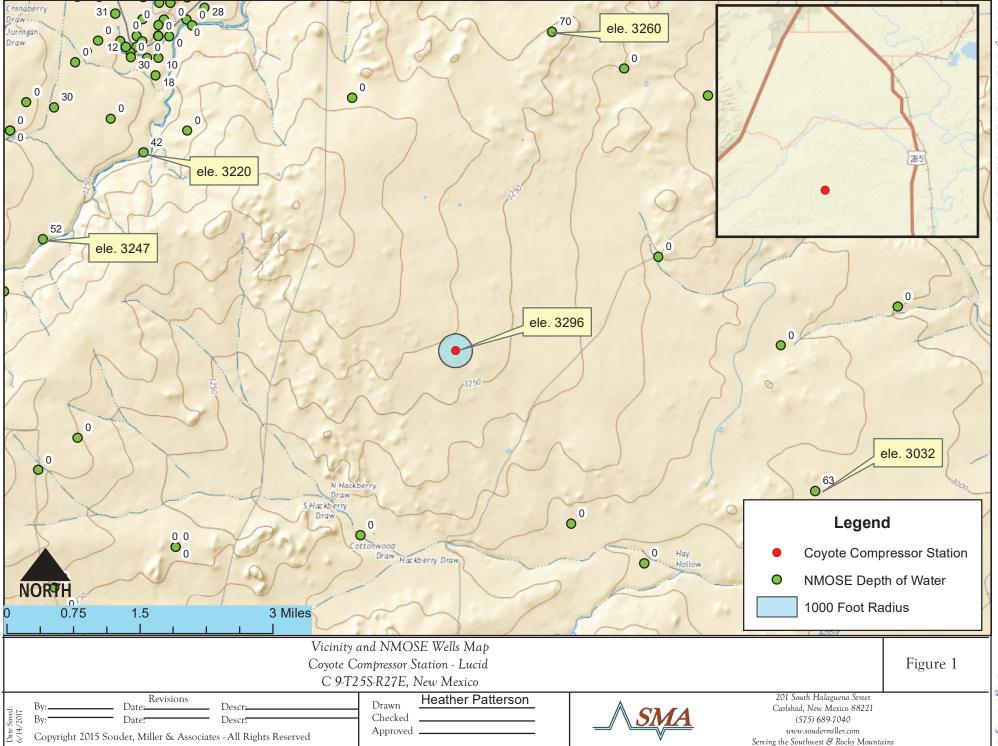
Table 3: Summary of Sample Results

## Appendices:

Appendix A: Form C141 Initial and Final Appendix B: NMOSE Wells Report

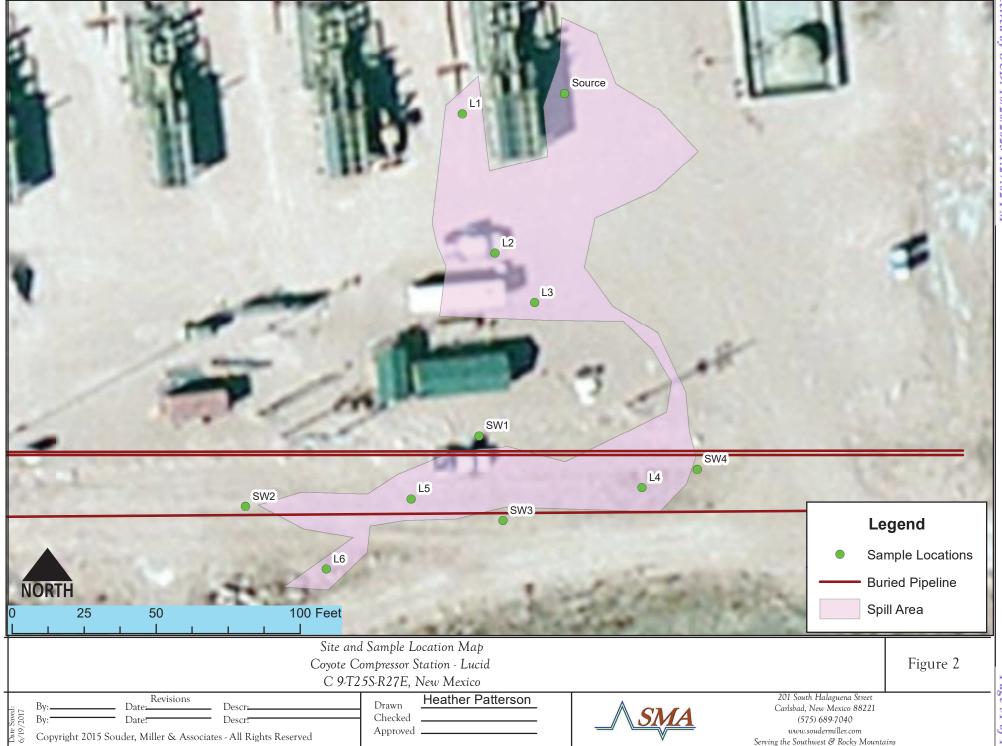
Appendix C: Laboratory Analytical Reports

# FIGURE 1 VICINITY AND NMOSE DATA MAP



Page 49 of 170

## FIGURE 2 SITE AND SAMPLE LOCATION MAP



## TABLE 3 SUMMARY SAMPLE RESULTS

## **Coyote Sample Summary Table**

Table 3.

Sample		5		BTEX	Benzene	GRO	DRO	MRO	Total TPH	CI-
Number on Figure 2	Sample Date	Depth (feet bgs)	Proposed Action	ppm	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Laboratory mg/Kg
NMOCD RRAL's for Site Ranking 0		50 mg/Kg	10 mg/Kg				5000 mg/Kg			
Source	5/31/2017	0.5	excavated	<0.212	<0.024	<4.7	160	210	370	5700
Source	10/30/2017	2	in-situ	-						480
	6/9/2017	0.5	excavated	<0.216	<0.024				3500	790
L1	6/9/2017	1	deferred	0.512	<0.023				11000	1000
LI	10/30/2017	2	in-situ			<5.0	14	120	134	
	10/30/2017	3	in-situ			<5.0	<9.1	<45	<59	
	6/9/2017	0.5	excavated							91
L2	6/9/2017	1	in-situ							130
	6/9/2017	2	in-situ	<0.22	<0.024				21	220
L3	6/9/2017	1	in-situ							55
	6/9/2017	3	in-situ							35
	6/9/2017	4.5	in-situ						38	49
	6/9/2017	0.5	excavated							4000
	6/9/2017	1.5	excavated							510
L4	6/9/2017	2.5	excavated	<0.211	<0.023				4500	720
	9/14/2017	3	excavated			6.2	3500	2400	5906.2	
	10 <del>/16</del> /2017	3.5	in-situ			<4.7	16	<44	16	-
	6/9/2017	0.5	excavated							280
L5	6/9/2017	2	excavated							73
LS	6/9/2017	3.5	excavated	5.5	<0.12				25000	80
	9/14/2017	4	in-situ	-		<4.7	1100	960	2060	-
L6	6/9/2017	0.5	in-situ	<0.216	<0.024				110	830
SW1	6/9/2017	comp	in-situ	<0.211	<0.023				<19	120
SW2	6/9/2017	comp	in-situ	<0.206	<0.024				61	40
SW3	6/9/2017	comp	in-situ	<0.208	<0.024				<19	39
SW4	6/9/2017	comp	in-situ	<0.206	<0.024				42	<30
DC1	6/9/2017	1	in-situ							170
BG1	6/9/2017	2	in-situ							120

exceeds RRAL's

excavated

"--" = Not Analyzed

## APPENDIX A FORM C141 INITIAL AND FINAL

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

## State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Santa i	'e, NM 8/303
Release Notification	n and Corrective Action
nJMW1322640868	OPERATOR X Initial Report Final Report
Name of Company AGAVE ENERGY COMPANY 147831	Contact AUSTIN WEYANT
Address 105 SOUTH 4 <sup>TH</sup> STREET ARTESIA, NM	Telephone No. 575 513-8988
Facility Name COYOTE COM[RESSOR STATION	Facility Type COMPRESSOR STATION
Surface Owner Mineral Owner	API No.
	N OF RELEASE
Unit Letter   Section   Township   Range   Feet from the   Nort   C   9   25 S   27E	h/South Line   Feet from the   East/West Line   County   EDDY
Latitude N32.150	9 <b>Longitude</b> W104.1980
NATURI	E OF RELEASE
Type of Release CONDENSATE	Volume of Release 200BBL Volume Recovered 45BBL
Source of Release PRODUCT TANK	Date and Hour of Occurrence Date and Hour of Discovery
Was Immediate Notice Given?  ☐ Yes ☐ No X Not Required	If YES, To Whom? Approx. 8/9/13 per phone call
By Whom?	Date and Hour
Was a Watercourse Reached?  Yes X No	If YES, Volume Impacting the Watercourse.
If a Watercourse was Impacted, Describe Fully.*	RECEIVED
	AUG 1 3 2013
Describe Cause of Problem and Remedial Action Taken.*	NMOCD ARTESIA
2: 11:0 1 6:1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	drain piping and out compressor unit sump. The affected area was bordered with a ns. An emergency 811 was made and clean up started. Check valves have been
installed on open drain line to prevent any future backflow.	
Describe Area Affected and Cleanup Action Taken.*	
Affected area on the station's pad is 100ft X 60ft with a vertical extent of	f 4-7 inches, a portion of the release flowed off the pad and on to a lease road and
bare ditch Affected are is 70ft long by 3ft wide with a vertical extent of	2ft. Affected soil will be removed and hauled off to R360 for disposal and
replaced with unaffected top soil. Samples will be pulled from surface of	lown to 4ft Cl, TPH and BTEX will be included in any analysis.
I hereby certify that the information given above is true and complete to	the best of my knowledge and understand that pursuant to NMOCD rules and
	notifications and perform corrective actions for releases which may endanger
	he NMOCD marked as "Final Report" does not relieve the operator of liability
	ate contamination that pose a threat to ground water, surface water, human health does not relieve the operator of responsibility for compliance with any other
federal, state, or local laws and/or regulations.	
Andrea In	OIL CONSERVATION DIVISION
Signature: WWW \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Printed Name: AUSTIN WEYANT	Approved by Environmental Specialistical By Miles Beautiful
Title: ENG TECH	Approval Date: Expiration Date:
E-mail Address: aweyant@yatespetroleum.com	Conditions of Approval: Remediation per OCD Rule & Attached
Date: 8/13/13 Phone: 575 513-8988	Guidelines. SUBMIT REMEDIATION
FJMW 13226407/3/ ; JMW 13226440	52 PROPOSAL NO LATER THAN: 2RP-1825
Released to Imaging: 10/31/2023 \$:58:43 PM	September 14,2013

## NM OIL CONSERVATION

Form C-141 Revised August 8, 2011

MAY 25 2017

ARTESIA DISTRICT

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

Oil Conservation Division 1220 South St. Francis Dr.

State of New Mexico

Energy Minerals and Natural Resources

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 S. St. Fran	cis Dr., Sant	a Fe, NM 87505		Sa	nta F	e, NM 875	05				
AB1714	63904	<u> 1</u> 8	Rele	ase Notific	atio	n and Co	rrective A	ction			-
NABITI	+10393	317				OPE	RATOR		X Ir	nitial Report	Final Report
Name of Co	mpany: L	ucid Energy			2	Contact K					
		Quay Artesia,		10			No. 575 513-89				
Facility Nar	ne: Coyot	e Compresso	r Station			Facility Typ	e: Compressor	Station			
Surface Ow	ner: State	of NM		Mineral C	)wner				API No	· .	
				LOCA	TIO	N OF REI	LEASE				
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/V	Vest Line	County	
	9	25S	27E							EDDY	
<u> </u>	I	<u></u>		Latitude	32.150	2 Longitud	e -104.1980	L			
				NAT	URE	OF REL	EASE				
Type of Rele	ase: Pipelir	ne Liquids					Release: Estimat	ed	Volume I	Recovered: None	
20 10							f pipeline liquids e/waste water)				
Source of Re		e left open, an	d a malfur	nctioning check v	alve		lour of Occurrence	e:	Date and	Hour of Discove	ry: 5/21/2017
Was Immedi						If YES, To	Whom? Upon no	otification	on to Lucid	EH&S, an email	notification
		×	Yes	No Not R	equired	l was made	to Mike Bratcher	on 5/23	/2017		
By Whom? I							lour: 5/23/2017 6				
Was a Water	course Rea		Yes 🗵	l No		If YES, Ve	olume Impacting	the Wat	ercourse.		
If a Wataraa	was uma Iw	npacted, Descr			<del>*************************************</del>			····			
Describe Cau	use of Prob	lem and Reme	dial Actio	n Taken.*							
During the e	arly morni	ng of Sunday 5	5/21/2017	a load of pipeline			produced water) v				
							umps and skid dra npressor unit skid				
in the fine wi	as not prop	erry operating	and anow	ed now back tino	ugn me	tines, to a con	npressor unit skie	i, 11115 U	acknow or	ei ilowed tile skii	18 Comannient.
				was still in the sked on proper truck			umped to the tank	cs. The c	check valve	has been repaire	ed to ensure
		and Cleanup			loduli	ig procedures a	it the site.	····			
Once the lig	uid overflo	wed the skid o	ontainmer	it it ran along the			pad, toward the s				
by 20' in wid		, it pooled in a	low-lying	spot between the	fence	and the lease r	oad. The area who	ere pool	ing occurre	ed appears to be 1	00' in length
		n has begun ins reviewing the i			per exc	avation is pen-	ding sample resul	ts. A sit	e remediati	on plan is being	orepared and
I hereby cert	ify that the	information g	ven above	is true and comp			knowledge and t				
							nd perform correct parked as "Final R				
							ion that pose a thi				
or the enviro	nment. In	addition, NMC	OCD accep				ve the operator of				
federal, state	, or local la	iws and/or regi	ılations.				OIL GOV	CEDI	r A corror	DIMITATION	
	M	//	_				OIL CON	SERV	ATION	DIVISION	
Signature:	nevy	Ser					Ciomad 1	D		et .	
Printed Nam	e: Kerry F	oan				Approved by	Signed I Environmental S	pecialis	st. / /	MARCHUM	
			ordinator			Approval De	ite: 5/26/1	7	Evniration	Date: N/A	
		Compliance Co					•			Date, 1717	
		n@agaveenerg	y.com			Conditions of	of Approval: See at	had.	لم	Attached X	
Date: 5/	24/20	17	Phone	: 575 810-6021			DELAT	MCN	CC1		

\* Attach Additional Sheets If Necessary

New forms can be found in the New Mexico State Website in forms: http://www.emnrd.state.nm.us/

OCD/forms.html

2RP-4224

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 5/25/17 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 2RF + 4224 has been assigned. Please refer to this case number in all future correspondence.

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete <u>division-approved corrective action</u> for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District  $\frac{2}{2}$  office in  $\frac{ARTESIA}{ARTESIA}$  on or before  $\frac{6/25/17}{2}$ . If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- •Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.
- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.
- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold
OCD Environmental Bureau Chief
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-476-3465
jim.griswold@state.nm.us

District I
1625 N. French Dr., Hobbs, NM 88240
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District III
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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

## State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised April 3, 2017

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

			Rele	ease Notifica	atio	n and Co	rrective A	ction	l		
						OPE	RATOR		☐ In	itial Report	X Final Report
Name of Co				9		Contact: Ke					·
Address: 10							No.: 575-513-89				
Facility Nan	ne: Coyote	e Compresso	r Station			Facility Typ	e: Compressor	Station			
Surface Own	ner: State	of NM		Mineral O	wner				API No		
				LOCA	TIO	N OF REI	LEASE				
Unit Letter	Section	Township	Range			/South Line	Feet from the	East/V	West Line	County	
С	9	25 S	27 E							EDDY	
	1			Latitude: 32.15	02 Lo	ngitude: -10	04.1980 NAD83	3			
						OF RELI					
Type of Relea	ase: Pipelin	e Fluids		11122			Release: Estimat	ed	Volume F	Recovered: No	ine
5.5						100BBLs o	of pipeline fluids				
Sauraa of Dal	ongo: Volv	a laft anan an	d a malfu	nctioning check val	lvia		e/waste water)  Iour of Occurrence		Data and	Haus of Diago	
failed to prev		e ieit opeii, aii	u a manui	ictioning check val	ive	5/21/2017	iour of Occurrenc	e	5/21/2017	Hour of Disco	ivery
Was Immedia			www.		2001 90	If YES, To		THE COLOR METHODS		790,0000 90	
		$\bowtie$	Yes _	No Not Rec	quired		ication to Lucid I to Mike Bratcher			tification	
By Whom? K	erry Egan						lour: 5/23/2017 6		72017		
Was a Watero	course Read		15			If YES, Vo	lume Impacting	the Wate	ercourse.		
		Ш	05000	No							
If a Watercou	rse was Im	pacted, Descr	ibe Fully.*	k							
station. A val in the line wa Upon discove	rly morning ve was mis s not prope ery the valv	g of Sunday 5, takenly left of trly operating a e was shut, wh	21/2017 a en on the and allower at liquid	load of pipeline li lines connecting th	ne tank gh the I conta	ts to station du lines, to a con inment was p	imps and skid dra appressor unit skid umped to the tank	ins. The	e check valvackflow ov	ve intended to erflowed the s	prevent backflow skids containment.
reached the so	id overflow outh fence, th. Remedi	ed the skid co it pooled in a	ntainmen low-lying	ten.* t it ran along the su spot between the f n NMOCD approve	fence a	and the lease re	oad. The area who	ere pool	ing occurre	d appears to b	e 100' in length
regulations al public health should their o	I operators or the envi- perations h nment. In a	are required to ronment. The ave failed to addition, NMC	report ar acceptand dequately CD accep	e is true and completed of file certain rece of a C-141 report investigate and restance of a C-141 received and restance of a C-141 received.	lease r t by th media	notifications and ne NMOCD m te contaminati	nd perform correct arked as "Final R on that pose a thr	ctive act eport" of eat to gr	tions for rel does not rel round water	eases which mieve the opera	nay endanger tor of liability er, human health
	10.00						OIL CON	SERV	ATION	DIVISIO	N
Signature:	levy	Se/									
Printed Name	0	0				Approved by	Environmental S	pecialis	t:		
Title: Enviror	nmental Co	mpliance Coo	rdinator			Approval Da	te:		Expiration	Date:	
E-mail Addre	ss: Kegan(	vlucid-energy	.com			Conditions of	f Approval:				
Date: \0/	31/17		Phone:	575-513-8988						Attached	LJ.
								THE STATE OF THE S		The second second	Prince Wall

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

## State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised April 3, 2017

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

			Rele	ease Notific	cation	and Co	orrective A	ction				
						OPE	RATOR		In	itial Report	X Final I	Repor
		ucid Energy				Contact: Ke	rry Egan					
		h Street, Art					No.: 575-513-89					
Facility Nat	ne: Coyote	e Compresso	r Station			Facility Typ	e: Compressor	Station				
Surface Ow	ner: State	of NM		Mineral C	Owner			Al	PI No	).		
				LOCA	ATIO	N OF RE	LEASE					
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/West l	Line	County		
С	9	25 S	27 E							EDDY		
				Latitude: 32.1	502 Lo	ngitude: -1	04.1980 NAD83	3		LDD 1		
						OF REL						
Type of Rele	ase: Conder	nsate		NAI	UKE		Release: 200BBI	L Vol	ume F	Recovered: 45	BBL	
Source of Re	lease: Produ	uct Tank					Iour of Occurrence			Hour of Disco		
Was Immedi	ate Notice (		Yes [	No Not Re	equired	If YES, To	Whom? 9/13 per phone ca	11				
By Whom?			103	THO THOUSA	equired	Date and H		111				
Was a Water	course Read	ched?					olume Impacting t	the Watercou	rse.			
			Yes 🗵	No								
If a Watercon	urse was Im	pacted, Descr	ibe Fully.	*								
Describe Cau	ise of Probl	em and Reme	dial Actio	n Taken.*								
2 inch ball va	alve failed a	llowing conde	ensate to f	low back through	onen dr	ain nining an	d out compressor	unit sumn T	he aff	ected area was	s hordered wi	ith a
temporary so	il berm whi	le a vacuum t	ruck prefe	rmed recovery op								
installed on o	pen drain li	ine to prevent	any future	e backflow								
Describe Are	a Affected	and Cleanup A	Action Tal	cen.*								
A CC+1	414-4	!!1! 1 <i>(</i>	006 W C06			4.7 : 1		α 1	CC (1			
bare ditch. A	ffected area	ion's pad is 10 is 70ft long b	ov 3ft wide	t with a vertical ex e with a vertical ex	xtent of	2ft. Affected	soil was removed	ease flowed o	off to	pad and on to R 360 for dispo	a lease road	and
replaced with			•							The object to the property of	your und	
I hereby cert	ify that the i	information g	iven above	e is true and comp	lete to tl	he best of my	knowledge and u	inderstand the	at nurs	suant to NMO	CD rules and	1
regulations a	ll operators	are required t	o report a	nd/or file certain r	elease n	otifications a	nd perform correc	ctive actions t	for rel	eases which m	nay endanger	
The second second				ce of a C-141 repo				The second secon				-
				vinvestigate and rotance of a C-141								alth
		ws and/or regi		rance or a c 141	report d	oes not renev	e the operator of	responsionity	101 0	omphance wit	in any other	
	0,						OIL CON	SERVAT	ION	DIVISION	N	
Signature:	Home	1801										
~ · g	000	- R				Approved by	Environmental S	necialist:				
Printed Name	e: Kerry Eg	an						Postarion				
Title: Enviro	nmental Co	mpliance Coo	rdinator			Approval Da	te:	Expir	ation	Date:		
E-mail Addre	ess: Kegan@	alucid-energy	.com			Conditions o	f Approval:					
	31/17	8)		: 575-513-8988			rr			Attached		
		ets If Nonces		. 3/3-313-8988						2RP18	225	
* Attach Addi	nonai Sne	cis II ivecess	aly								143	

## APPENDIX B NMOSE WELLS REPORT



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

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

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

closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

DOD N	POD Sub-	•		Q		0			v	V	<b>D</b>	•	Depth Water
POD Number C 03261 POD1	Code basin	<b>County</b> ED						Rng 27E	<b>X</b> 574007	<b>Y</b> 3554006*	Distance 3746	<b>Well</b> 351	Water Column
C 03262 POD1	С	ED	2	1	2	22	25S	27E	577837	3554244*	3768	75	
C 03264 POD1	С	ED	2	1	2	02	25S	27E	579391	3559099* 🌑	4084		
C 01841	С	ED			1	29	24S	27E	573806	3561953*	4979	150	
C 03263 POD1	С	ED	1	1	1	07	25S	28E	581628	3557501* 🌍	5929	133	
C 01452	С	ED				22	24S	27E	577435	3563175* 🌑	6079	95	70 25
C 03654 POD1	CUB	ED	2	3	1	24	25S	26E	570654	3553773 🌍	6184		
C 01721	С	ED			1	25	24S	27E	580271	3562033*	6545	170	
C 00819	С	ED		4	4	26	24S	26E	570022	3560935* 🌍	6716	62	42 20
C 02221	CUB	ED	4	3	2	25	25S	26E	571412	3551961*	6885	35	

Average Depth to Water:

56 feet

Minimum Depth:

42 feet

Maximum Depth:

70 feet

**Record Count: 10** 

UTMNAD83 Radius Search (in meters):

Easting (X): 575700.33 Northing (Y): 3557348.29 Radius: 7000

\*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.

## APPENDIX C LABORATORY ANALYTICAL REPORTS



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

June 16, 2017

Austin Weyant Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-7040

FAX

RE: Coyote OrderNo.: 1706251

## Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/6/2017 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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

Indest

4901 Hawkins NE

Albuquerque, NM 87109

## Analytical Report Lab Order 1706251

Date Reported: 6/16/2017

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L 1-0.5 (Source)

**Project:** Coyote Collection Date: 5/31/2017

**Lab ID:** 1706251-001 **Matrix:** SOIL **Received Date:** 6/6/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	5700	300	mg/Kg	200	6/12/2017 5:00:22 PM	32211
EPA METHOD 8015M/D: DIESEL RAN	NGE ORGANIC	S			Analyst	TOM
Diesel Range Organics (DRO)	160	9.9	mg/Kg	1	6/8/2017 1:47:05 PM	32152
Motor Oil Range Organics (MRO)	210	50	mg/Kg	1	6/8/2017 1:47:05 PM	32152
Surr: DNOP	93.6	70-130	%Rec	1	6/8/2017 1:47:05 PM	32152
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	6/7/2017 9:11:27 PM	32141
Surr: BFB	97.2	54-150	%Rec	1	6/7/2017 9:11:27 PM	32141
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Methyl tert-butyl ether (MTBE)	ND	0.094	mg/Kg	1	6/7/2017 9:11:27 PM	32141
Benzene	ND	0.024	mg/Kg	1	6/7/2017 9:11:27 PM	32141
Toluene	ND	0.047	mg/Kg	1	6/7/2017 9:11:27 PM	32141
Ethylbenzene	ND	0.047	mg/Kg	1	6/7/2017 9:11:27 PM	32141
Xylenes, Total	ND	0.094	mg/Kg	1	6/7/2017 9:11:27 PM	32141
Surr: 4-Bromofluorobenzene	119	66.6-132	%Rec	1	6/7/2017 9:11:27 PM	32141

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
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 5
- P Sample pH Not In Range
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1706251

16-Jun-17

**Client:** Souder, Miller & Associates

**Project:** Coyote

Sample ID MB-32211 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: 32211 RunNo: 43415

Prep Date: 6/9/2017 Analysis Date: 6/9/2017 SeqNo: 1366812 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Chloride ND 1.5

Sample ID LCS-32211 SampType: LCS TestCode: EPA Method 300.0: Anions

Batch ID: 32211 Client ID: LCSS RunNo: 43415

Prep Date: 6/9/2017 Analysis Date: 6/9/2017 SeqNo: 1366813 Units: mg/Kg

Result SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte LowLimit Qual

Chloride 14 1.5 15.00 0 94.8 110

## Qualifiers:

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

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix

Page 2 of 5

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1706251

Page 3 of 5

16-Jun-17

Client: Souder, Miller & Associates

**Project:** Coyote

Sample ID LCS-32152 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 32152 RunNo: 43341 Analysis Date: 6/8/2017 Prep Date: 6/7/2017 SeqNo: 1364955 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 10 42 50.00 0 84.3 73.2 114 Surr: DNOP 5.000 81.0 4.0 130

Sample ID MB-32152 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 32152 RunNo: 43341 Prep Date: Analysis Date: 6/8/2017 6/7/2017 SeqNo: 1364956 Units: mg/Kg LowLimit Analyte Result **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 9.0 10.00 90.2 70 130

### Qualifiers:

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

- 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
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1706251

16-Jun-17

**Client:** Souder, Miller & Associates

**Project:** Coyote

Surr: BFB

Sample ID MB-32141 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: **PBS** Batch ID: 32141 RunNo: 43317

Prep Date: 6/6/2017 Analysis Date: 6/7/2017 SeqNo: 1364057 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 1000 1000 101 54 150

TestCode: EPA Method 8015D: Gasoline Range Sample ID LCS-32141 SampType: LCS

1000

Client ID: LCSS Batch ID: 32141 RunNo: 43317

1100

Prep Date: Analysis Date: 6/7/2017 SeqNo: 1364058 6/6/2017 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 26 5.0 25.00 0 103 76.4 125

106

54

150

### Qualifiers:

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

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix Page 4 of 5

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1706251

16-Jun-17

Client: Souder, Miller & Associates

**Project:** Coyote

Sample ID MB-32141 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: **PBS** Batch ID: 32141 RunNo: 43317 Prep Date: 6/6/2017 Analysis Date: 6/7/2017 SeqNo: 1364078 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Methyl tert-butyl ether (MTBE) 0.10 ND ND 0.025 Benzene Toluene ND 0.050 Ethylbenzene ND 0.050 Xylenes, Total ND 0.10 Surr: 4-Bromofluorobenzene 1.3 1.000 126 66.6 132

Sample ID LCS-32141	SampT	ype: <b>LC</b>	s	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batcl	h ID: 32	141	F	RunNo: 4	3317				
Prep Date: 6/6/2017	Analysis D	Date: 6/	7/2017	8	SeqNo: 1	364079	Units: mg/h	<b>(</b> g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	1.0	0.10	1.000	0	101	66.5	120			
Benzene	1.1	0.025	1.000	0	105	80	120			
Toluene	1.1	0.050	1.000	0	106	80	120			
Ethylbenzene	1.1	0.050	1.000	0	106	80	120			
Xylenes, Total	3.2	0.10	3.000	0	107	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		124	66.6	132			

### 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
- RL Reporting Detection Limit

- 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
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix

Page 5 of 5



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

## Sample Log-In Check List

Client Name:	SMA-CARLSBAD	Work Order Number	er: 1706251		RcptNo:	1
Received By:	Richie Eriacho	6/6/2017 10:15:00 AI	M	2-2	ye.	
Completed By:	Ashley Gallegos	6/6/2017 12:48:39 PI	М	A		
Reviewed By:	Ar old	106117		0		
<u>Chain of Cus</u>	tody					
1. Custody sea	als intact on sample b	ottles?	Yes 🗌	No 🗆	Not Present 🗹	
2. Is Chain of C	Custody complete?		Yes 🗸	No 🗌	Not Present	
3. How was the	e sample delivered?		Courier			
<u>Log In</u>						
4. Was an atte	empt made to cool the	e samples?	Yes 🗹	No 🗆	NA 🗆	
5. Were all sar	mples received at a te	emperature of >0° C to 6.0°C	Yes 🗸	No 🗆	NA 🗆	
6. Sample(s) in	n proper container(s)?	?	Yes 🗹	No 🗌		
7. Sufficient sa	mple volume for indic	cated test(s)?	Yes 🗹	No 🗌		
	•	NG) properly preserved?	Yes 🗸	No 🗌		
_	vative added to bottles		Yes 🗌	No 🔽	NA $\square$	
10.VOA vials ha	ave zero headspace?		Yes	No 🗆	No VOA Vials 🗹	
11. Were any sa	ample containers rece	eived broken?	Yes	No 🗹	# of preserved	· - <del></del>
	work match bottle labe pancies on chain of c		Yes 🗹	No 🗌	bottles checked for pH:	>12 unless noted)
	correctly identified o		Yes 🗸	No 🗌	Adjusted?	
	at analyses were req		Yes 🗹	No 🗌	_	
15. Were all hold	ding times able to be customer for authoriz	met?	Yes 🗸	No 🗆	Checked by:	
Special Hand	lling (if applicabl	le)				
16, Was client n	otified of all discrepar	ncies with this order?	Yes	No $\square$	NA 🗸	
Persor	n Notified:	Date		**************		
By Wh	iom:	Via:	eMail 🗌	Phone Fax	☐ In Person	
Regard	ding:					
Client	Instructions:		***************************************	<u> </u>	ACCORDINATE OF CONTRACT OF CON	
17. Additional re	emarks:					
18. Cooler Info	rmation					
Cooler No	1 1	dition   Seal Intact   Seal No   Yes	Seal Date	Signed By		
Page 1 of				<del></del>	<u></u>	<del></del> .

Turn-Around Time:	A Standard   Rush   ANALYSIS LABORATORY	Project Name:	Coyofe 4901 Hawkins NE - Albuquerque, NM 87109	Project #: .7 Tel. 505-345-3975 Fax 505-345-4107	Analysis	(O)(	And We (Gas of MR)	(1.1) (1.1) (1.1) (1.1) (1.1) (1.1)	(AC)	BEE (CO) Hod of the color of th	Sample Request ID Type and # Type  Type	ス	tanti i					Received by Date Time Remarks:	Sylve Date Time Of U.S. Date Time
Chain-of-Custody Record	Client: SMA		Mailing Address:		Phone #:	email or Fax#:	QA/QC Package:    Calacterist	Accreditation		□ EDD (Type)	Date Time Matrix Sample Request ID	0.5	1- proposo					3/	7 <b>(%</b>



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

June 15, 2017

Austin Weyant Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-7040

FAX

RE: Lucid Coyote OrderNo.: 1706645

## Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 21 sample(s) on 6/13/2017 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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

Indest

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L1-0.5

 Project:
 Lucid Coyote
 Collection Date: 6/9/2017 9:00:00 AM

 Lab ID:
 1706645-001
 Matrix: SOIL
 Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH					Analys	t: MAB
Petroleum Hydrocarbons, TR	3500	200	mg/Kg	10	6/15/2017	32267
EPA METHOD 300.0: ANIONS					Analys	t: <b>LGT</b>
Chloride	790	30	mg/Kg	20	6/14/2017 11:42:44 AM	1 32282
<b>EPA METHOD 8021B: VOLATILES</b>					Analys	t: NSB
Methyl tert-butyl ether (MTBE)	ND	0.096	mg/Kg	1	6/14/2017 11:29:43 AM	1 32244
Benzene	ND	0.024	mg/Kg	1	6/14/2017 11:29:43 AM	1 32244
Toluene	ND	0.048	mg/Kg	1	6/14/2017 11:29:43 AM	1 32244
Ethylbenzene	ND	0.048	mg/Kg	1	6/14/2017 11:29:43 AM	1 32244
Xylenes, Total	ND	0.096	mg/Kg	1	6/14/2017 11:29:43 AM	1 32244
Surr: 4-Bromofluorobenzene	111	66.6-132	%Rec	1	6/14/2017 11:29:43 AM	1 32244

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 1 of 24
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L1-1

 Project:
 Lucid Coyote
 Collection Date: 6/9/2017 9:15:00 AM

 Lab ID:
 1706645-002
 Matrix: SOIL
 Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL (	Qual Units	DF Date Analyzed	Batch
EPA METHOD 418.1: TPH				Analyst:	MAB
Petroleum Hydrocarbons, TR	11000	1900	mg/Kg	100 6/15/2017	32267
EPA METHOD 300.0: ANIONS				Analyst:	LGT
Chloride	1000	30	mg/Kg	20 6/14/2017 12:44:47 PM	32282
<b>EPA METHOD 8021B: VOLATILES</b>				Analyst:	NSB
Methyl tert-butyl ether (MTBE)	ND	0.092	mg/Kg	1 6/14/2017 11:53:34 AM	32244
Benzene	ND	0.023	mg/Kg	1 6/14/2017 11:53:34 AM	32244
Toluene	0.052	0.046	mg/Kg	1 6/14/2017 11:53:34 AM	32244
Ethylbenzene	ND	0.046	mg/Kg	1 6/14/2017 11:53:34 AM	32244
Xylenes, Total	0.46	0.092	mg/Kg	1 6/14/2017 11:53:34 AM	32244
Surr: 4-Bromofluorobenzene	136	66.6-132	S %Rec	1 6/14/2017 11:53:34 AM	32244

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

- \* 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
- R RPD outside accepted recovery limits
- 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 Page 2 of 24
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L2-0.5

 Project:
 Lucid Coyote
 Collection Date: 6/9/2017 12:00:00 PM

 Lab ID:
 1706645-003
 Matrix: SOIL
 Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qua	Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	st: <b>LGT</b>
Chloride	91	30	mg/Kg	20 6/14/2017 1:22:01 PM	32282

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 LimitR RPD outside accepted recovery limits

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 Page 3 of 24

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L2-1

 Project:
 Lucid Coyote
 Collection Date: 6/9/2017 12:15:00 PM

 Lab ID:
 1706645-004
 Matrix: SOIL
 Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Ana	lyst: <b>LGT</b>
Chloride	130	30	mg/Kg	20 6/14/2017 1:34:25 F	PM 32282

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

- \* 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
- R RPD outside accepted recovery limits
- 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 Page 4 of 24
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L2-2

 Project:
 Lucid Coyote
 Collection Date: 6/9/2017 12:30:00 PM

 Lab ID:
 1706645-005
 Matrix: SOIL
 Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH					Analys	t: MAB
Petroleum Hydrocarbons, TR	21	20	mg/Kg	1	6/15/2017	32267
EPA METHOD 300.0: ANIONS					Analys	t: <b>LGT</b>
Chloride	220	30	mg/Kg	20	6/14/2017 1:46:50 PM	32282
<b>EPA METHOD 8021B: VOLATILES</b>					Analys	t: NSB
Methyl tert-butyl ether (MTBE)	ND	0.098	mg/Kg	1	6/14/2017 12:17:14 PM	1 32244
Benzene	ND	0.024	mg/Kg	1	6/14/2017 12:17:14 PM	1 32244
Toluene	ND	0.049	mg/Kg	1	6/14/2017 12:17:14 PM	1 32244
Ethylbenzene	ND	0.049	mg/Kg	1	6/14/2017 12:17:14 PM	1 32244
Xylenes, Total	ND	0.098	mg/Kg	1	6/14/2017 12:17:14 PM	1 32244
Surr: 4-Bromofluorobenzene	109	66.6-132	%Rec	1	6/14/2017 12:17:14 PM	1 32244

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 5 of 24
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L3-1

 Project:
 Lucid Coyote
 Collection Date: 6/9/2017 1:15:00 PM

 Lab ID:
 1706645-006
 Matrix: SOIL
 Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qua	al Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Ana	lyst: <b>LGT</b>
Chloride	55	30	mg/Kg	20 6/14/2017 1:59:15 F	PM 32282

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

**Qualifiers:** Value exceeds Maximum Contaminant Level. Analyte detected in the associated Method Blank D Sample Diluted Due to Matrix Е Value above quantitation range Analyte detected below quantitation limits Page 6 of 24 Н Holding times for preparation or analysis exceeded J ND Not Detected at the Reporting Limit P Sample pH Not In Range R RPD outside accepted recovery limits RLReporting Detection Limit

S % Recovery outside of range due to dilution or matrix W Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L3-3

 Project:
 Lucid Coyote
 Collection Date: 6/9/2017 1:00:00 PM

 Lab ID:
 1706645-007
 Matrix: SOIL
 Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: <b>LGT</b>
Chloride	35	30	mg/Kg	20	6/14/2017 2:11:39 PM	32282

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

R RPD outside accepted recovery limits
 % 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 Page 7 of 24

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Client Sample ID: L3-4.5

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

 Project:
 Lucid Coyote
 Collection Date: 6/9/2017 1:20:00 PM

 Lab ID:
 1706645-008
 Matrix: SOIL
 Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH					Ana	lyst: MAB
Petroleum Hydrocarbons, TR	38	19	mg/Kg	1	6/15/2017	32267
<b>EPA METHOD 300.0: ANIONS</b>					Ana	ılyst: <b>LGT</b>
Chloride	49	30	mg/Kg	20	6/14/2017 12:58:02	PM 32285

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

- \* 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
- R RPD outside accepted recovery limits
- 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 Page 8 of 24
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L4-0.5

 Project:
 Lucid Coyote
 Collection Date: 6/9/2017 1:30:00 PM

 Lab ID:
 1706645-009
 Matrix: SOIL
 Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: MRA
Chloride	4000	150	mg/Kg	100 6/14/2017 8:51:45 PM	1 32282

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

- \* 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
- R RPD outside accepted recovery limits
- 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 Page 9 of 24
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates

Client Sample ID: L4-.5 **Project:** Lucid Coyote

**Collection Date:** 6/9/2017 11:00:00 AM 1706645-010 Lab ID: Matrix: SOIL Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Ana	lyst: <b>LGT</b>
Chloride	510	30	mg/Kg	20 6/14/2017 2:36:29 F	PM 32282

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

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Η
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 10 of 24 J
- P Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates

**Project:** Lucid Coyote

Lab ID:

1706645-011

Matrix: SOIL

Client Sample ID: L4-2.5 **Collection Date:** 6/9/2017 11:00:00 AM

Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH					Analy	st: MAB
Petroleum Hydrocarbons, TR	4500	1900	mg/Kg	100	6/15/2017	32267
<b>EPA METHOD 300.0: ANIONS</b>					Analy	st: <b>LGT</b>
Chloride	720	30	mg/Kg	20	6/14/2017 3:13:43 PM	A 32282
EPA METHOD 8021B: VOLATILES					Analy	st: NSB
Methyl tert-butyl ether (MTBE)	ND	0.094	mg/Kg	1	6/14/2017 12:40:50 F	PM 32244
Benzene	ND	0.023	mg/Kg	1	6/14/2017 12:40:50 F	M 32244
Toluene	ND	0.047	mg/Kg	1	6/14/2017 12:40:50 F	M 32244
Ethylbenzene	ND	0.047	mg/Kg	1	6/14/2017 12:40:50 F	M 32244
Xylenes, Total	ND	0.094	mg/Kg	1	6/14/2017 12:40:50 F	M 32244
Surr: 4-Bromofluorobenzene	117	66.6-132	%Rec	1	6/14/2017 12:40:50 F	PM 32244

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

- 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
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 11 of 24 J
- P Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L5-0.5

 Project:
 Lucid Coyote
 Collection Date: 6/9/2017 2:00:00 PM

 Lab ID:
 1706645-012
 Matrix: SOIL
 Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qua	al Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	/st: <b>LGT</b>
Chloride	280	30	mg/Kg	20 6/14/2017 3:26:08 PM	M 32282

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

 Qualifiers:
 \* Value exceeds Maximum Contaminant Level.
 B
 Analyte detected in the associated Method Blank

 D
 Sample Diluted Due to Matrix
 E
 Value above quantitation range

 H
 Holding times for preparation or analysis exceeded
 J
 Analyte detected below quantitation limits

H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

J Analyte detected below quantitation limits Page 12 of 24

P Sample pH Not In Range

R RPD outside accepted recovery limits RL Reporting Detection Limit

% Recovery outside of range due to dilution or matrix W Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates Client Sample ID: L5-2

**Project:** Lucid Coyote **Collection Date:** 6/9/2017 1:30:00 PM 1706645-013 Lab ID: Matrix: SOIL **Received Date:** 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	73	30	mg/Kg	20	6/14/2017 8:02:06 PM	1 32282

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

- 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
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 13 of 24 J
- P Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates

**Project:** Lucid Coyote

**Lab ID:** 1706645-014

Client Sample ID: L5-3.5

**Collection Date:** 6/9/2017 1:45:00 PM

Received Date: 6/13/2017 9:45:00 AM

**Analyses** Result **PQL Qual Units DF** Date Analyzed Batch **EPA METHOD 418.1: TPH** Analyst: MAB Petroleum Hydrocarbons, TR 25000 1900 mg/Kg 100 6/15/2017 32267 **EPA METHOD 300.0: ANIONS** Analyst: MRA 6/14/2017 8:14:30 PM Chloride 30 mg/Kg 32282 80 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Methyl tert-butyl ether (MTBE) ND 0.48 mg/Kg 6/14/2017 1:04:27 PM Benzene ND 0.12 mg/Kg 5 6/14/2017 1:04:27 PM 32244 Toluene ND 0.24 mg/Kg 5 6/14/2017 1:04:27 PM 32244 Ethylbenzene ND 0.24 mg/Kg 5 6/14/2017 1:04:27 PM 32244 Xylenes, Total 5.5 0.48 mg/Kg 6/14/2017 1:04:27 PM 32244 5 Surr: 4-Bromofluorobenzene 140 66.6-132 %Rec 6/14/2017 1:04:27 PM 32244

Matrix: SOIL

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 14 of 24
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates

Client Sample ID: L6-0.5 **Project:** Lucid Coyote **Collection Date:** 6/9/2017 11:10:00 AM

1706645-015 Lab ID: Matrix: SOIL Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH					Analyst	: MAB
Petroleum Hydrocarbons, TR	110	20	mg/Kg	1	6/15/2017	32267
EPA METHOD 300.0: ANIONS					Analyst	: MRA
Chloride	830	30	mg/Kg	20	6/14/2017 8:26:55 PM	32282
<b>EPA METHOD 8021B: VOLATILES</b>					Analyst	: NSB
Methyl tert-butyl ether (MTBE)	ND	0.096	mg/Kg	1	6/14/2017 1:51:43 PM	32244
Benzene	ND	0.024	mg/Kg	1	6/14/2017 1:51:43 PM	32244
Toluene	ND	0.048	mg/Kg	1	6/14/2017 1:51:43 PM	32244
Ethylbenzene	ND	0.048	mg/Kg	1	6/14/2017 1:51:43 PM	32244
Xylenes, Total	ND	0.096	mg/Kg	1	6/14/2017 1:51:43 PM	32244
Surr: 4-Bromofluorobenzene	110	66.6-132	%Rec	1	6/14/2017 1:51:43 PM	32244

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

- 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
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 15 of 24 J
- P Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates Client Sample ID: SW1

**Project:** Lucid Coyote **Collection Date:** 6/9/2017 2:00:00 PM 1706645-016 Lab ID: Matrix: SOIL Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH					Analysi	: MAB
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	6/15/2017	32267
<b>EPA METHOD 300.0: ANIONS</b>					Analyst	: MRA
Chloride	120	30	mg/Kg	20	6/14/2017 8:39:20 PM	32282
<b>EPA METHOD 8021B: VOLATILES</b>					Analyst	: NSB
Methyl tert-butyl ether (MTBE)	ND	0.094	mg/Kg	1	6/14/2017 6:11:55 PM	32244
Benzene	ND	0.023	mg/Kg	1	6/14/2017 6:11:55 PM	32244
Toluene	ND	0.047	mg/Kg	1	6/14/2017 6:11:55 PM	32244
Ethylbenzene	ND	0.047	mg/Kg	1	6/14/2017 6:11:55 PM	32244
Xylenes, Total	ND	0.094	mg/Kg	1	6/14/2017 6:11:55 PM	32244
Surr: 4-Bromofluorobenzene	113	66.6-132	%Rec	1	6/14/2017 6:11:55 PM	32244

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

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Η
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 16 of 24 J
- P Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates

Client Sample ID: SW2 **Project:** Lucid Coyote **Collection Date:** 6/9/2017 2:30:00 PM

1706645-017 Lab ID: Matrix: SOIL Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH					Analyst	: MAB
Petroleum Hydrocarbons, TR	61	19	mg/Kg	1	6/15/2017	32267
EPA METHOD 300.0: ANIONS					Analyst	: LGT
Chloride	40	30	mg/Kg	20	6/14/2017 1:35:16 PM	32285
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Methyl tert-butyl ether (MTBE)	ND	0.096	mg/Kg	1	6/14/2017 6:35:33 PM	32244
Benzene	ND	0.024	mg/Kg	1	6/14/2017 6:35:33 PM	32244
Toluene	ND	0.048	mg/Kg	1	6/14/2017 6:35:33 PM	32244
Ethylbenzene	ND	0.048	mg/Kg	1	6/14/2017 6:35:33 PM	32244
Xylenes, Total	ND	0.096	mg/Kg	1	6/14/2017 6:35:33 PM	32244
Surr: 4-Bromofluorobenzene	112	66.6-132	%Rec	1	6/14/2017 6:35:33 PM	32244

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

- 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
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 17 of 24 J
- P Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates Client Sample ID: SW3

**Project:** Lucid Coyote **Collection Date:** 6/9/2017 2:45:00 PM 1706645-018 Lab ID: Matrix: SOIL **Received Date:** 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH					Analys	: MAB
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	6/15/2017	32267
EPA METHOD 300.0: ANIONS					Analys	: LGT
Chloride	39	30	mg/Kg	20	6/14/2017 1:47:41 PM	32285
<b>EPA METHOD 8021B: VOLATILES</b>					Analys	: NSB
Methyl tert-butyl ether (MTBE)	ND	0.097	mg/Kg	1	6/14/2017 6:59:13 PM	32244
Benzene	ND	0.024	mg/Kg	1	6/14/2017 6:59:13 PM	32244
Toluene	ND	0.048	mg/Kg	1	6/14/2017 6:59:13 PM	32244
Ethylbenzene	ND	0.048	mg/Kg	1	6/14/2017 6:59:13 PM	32244
Xylenes, Total	ND	0.097	mg/Kg	1	6/14/2017 6:59:13 PM	32244
Surr: 4-Bromofluorobenzene	113	66.6-132	%Rec	1	6/14/2017 6:59:13 PM	32244

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

- 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
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 18 of 24 J
- P Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates

**Project:** Lucid Coyote 1706645-019

Lab ID:

Client Sample ID: SW4

**Collection Date:** 6/9/2017 3:15:00 PM **Received Date:** 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH					Analys	t: MAB
Petroleum Hydrocarbons, TR	42	20	mg/Kg	1	6/15/2017	32267
EPA METHOD 300.0: ANIONS					Analys	t: LGT
Chloride	ND	30	mg/Kg	20	6/14/2017 2:00:05 PM	32285
<b>EPA METHOD 8021B: VOLATILES</b>					Analys	t: NSB
Methyl tert-butyl ether (MTBE)	ND	0.095	mg/Kg	1	6/14/2017 7:22:46 PM	32244
Benzene	ND	0.024	mg/Kg	1	6/14/2017 7:22:46 PM	32244
Toluene	ND	0.048	mg/Kg	1	6/14/2017 7:22:46 PM	32244
Ethylbenzene	ND	0.048	mg/Kg	1	6/14/2017 7:22:46 PM	32244
Xylenes, Total	ND	0.095	mg/Kg	1	6/14/2017 7:22:46 PM	32244
Surr: 4-Bromofluorobenzene	110	66.6-132	%Rec	1	6/14/2017 7:22:46 PM	32244

Matrix: SOIL

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

- 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
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 19 of 24 J
- P Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

**CLIENT:** Souder, Miller & Associates

Analytical Report
Lab Order 1706645

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BG1-1

**Project:** Lucid Coyote Collection Date: 6/9/2017 2:45:00 PM

**Lab ID:** 1706645-020 **Matrix:** SOIL **Received Date:** 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	yst: <b>LGT</b>
Chloride	170	30	mg/Kg	20	6/14/2017 2:37:18 PI	M 32285

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

- \* 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
- R RPD outside accepted recovery limits
- 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 Page 20 of 24
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Date Reported: 6/15/2017

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BG1-2

 Project:
 Lucid Coyote
 Collection Date: 6/9/2017 2:50:00 PM

 Lab ID:
 1706645-021
 Matrix: SOIL
 Received Date: 6/13/2017 9:45:00 AM

Analyses	Result	PQL Qua	l Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	/st: <b>LGT</b>
Chloride	120	30	mg/Kg	20 6/13/2017 11:45:17 F	PM 32261

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

- \* 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
- R RPD outside accepted recovery limits
- 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 Page 21 of 24
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

#### OC SUMMARY REPORT

#### Hall Environmental Analysis Laboratory, Inc.

WO#: 1706645

15-Jun-17

**Client:** Souder, Miller & Associates

**Project:** Lucid Coyote

Sample ID MB-32261 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: 32261 RunNo: 43495

Prep Date: 6/13/2017 Analysis Date: 6/13/2017 SeqNo: 1369763 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Chloride ND 1.5

Sample ID LCS-32261 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 32261 RunNo: 43495

Prep Date: 6/13/2017 Analysis Date: 6/13/2017 SeqNo: 1369764 Units: mg/Kg

**RPDLimit** Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual

Chloride 14 1.5 15.00 92.7 110

Sample ID MB-32285 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: 32285 RunNo: 43507

Analysis Date: 6/14/2017 Prep Date: 6/14/2017 SeqNo: 1370245 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** HighLimit Qual

Chloride ND 1.5

Sample ID LCS-32285 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: RunNo: 43507 LCSS Batch ID: 32285

Prep Date: 6/14/2017 Analysis Date: 6/14/2017 SeqNo: 1370246 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC I owl imit HighLimit %RPD **RPDLimit** Qual

Chloride 14 1.5 15.00 94.6 90 110

Sample ID MB-32282 TestCode: EPA Method 300.0: Anions SampType: mblk

PBS Client ID: Batch ID: 32282 RunNo: 43485

Analysis Date: 6/14/2017 Prep Date: 6/14/2017 SeaNo: 1370344 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Chloride ND 1.5

Sample ID LCS-32282 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: **LCSS** Batch ID: 32282 RunNo: 43485

Prep Date: 6/14/2017 Analysis Date: 6/14/2017 SeqNo: 1370345 Units: mg/Kg

%RPD Result **PQL** SPK value SPK Ref Val %REC HighLimit **RPDLimit** Analyte LowLimit Qual

91.8 Chloride 14 1.5 15.00 90 110

#### 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
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL

Reporting Detection Limit Sample container temperature is out of limit as specified Page 22 of 24

### **QC SUMMARY REPORT**

### Hall Environmental Analysis Laboratory, Inc.

WO#: **1706645** 

15-Jun-17

Client: Souder, Miller & Associates

**Project:** Lucid Coyote

Sample ID MB-32267 SampType: MBLK TestCode: EPA Method 418.1: TPH

Client ID: PBS Batch ID: 32267 RunNo: 43516

Prep Date: 6/14/2017 Analysis Date: 6/15/2017 SeqNo: 1370773 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Petroleum Hydrocarbons, TR ND 20

Sample ID LCS-32267 SampType: LCS TestCode: EPA Method 418.1: TPH

Client ID: LCSS Batch ID: 32267 RunNo: 43516

Prep Date: 6/14/2017 Analysis Date: 6/15/2017 SeqNo: 1370775 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Petroleum Hydrocarbons, TR 110 20 100.0 0 112 61.7 138

Sample ID LCSD-32267 SampType: LCSD TestCode: EPA Method 418.1: TPH

Client ID: LCSS02 Batch ID: 32267 RunNo: 43516

Prep Date: 6/14/2017 Analysis Date: 6/15/2017 SeqNo: 1370776 Units: mg/Kg

%REC Analyte Result SPK value SPK Ref Val HighLimit %RPD **RPDLimit** Qual LowLimit Petroleum Hydrocarbons, TR 120 20 100.0 0 120 61.7 138 6.40 20

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

R RPD outside accepted recovery limits

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

Page 23 of 24

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

### **QC SUMMARY REPORT**

### Hall Environmental Analysis Laboratory, Inc.

WO#: **1706645** 

15-Jun-17

Client: Souder, Miller & Associates

**Project:** Lucid Coyote

Sample ID MB-32244	SampT	ype: <b>ME</b>	BLK	Tes	tCode: E	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	1D: <b>32</b>	244	F	RunNo: 4	3491				
Prep Date: 6/13/2017	Analysis D	ate: <b>6</b> /	14/2017	8	SeqNo: 1	370062	Units: mg/K	.g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		108	66.6	132			

Sample ID LCS-32244	SampT	ype: <b>LC</b>	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batcl	n ID: 32	244	F	RunNo: 4	3491				
Prep Date: 6/13/2017	Analysis D	ate: <b>6</b> /	14/2017	S	SeqNo: 1	370063	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.85	0.10	1.000	0	84.5	66.5	120			
Benzene	1.0	0.025	1.000	0	99.6	80	120			
Toluene	1.0	0.050	1.000	0	99.8	80	120			
Ethylbenzene	0.98	0.050	1.000	0	97.8	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.2	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		111	66.6	132			

#### 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
- R RPD outside accepted recovery limits
- 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 Detection Limit
- W Sample container temperature is out of limit as specified

Page 24 of 24

Sumple comminer temperature is out of minit as spec



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

### Sample Log-In Check List

Website: www.hallenvironmental.com Client Name: SMA-CARLSBAD Work Order Number: 1706645 RcptNo: 1 Received By: 6/13/2017 9:45:00 AM Richie Eriacho 6/13/2017 10:37:10 AM Completed By: **Ashley Gallegos** 06/13/17 Reviewed By: Chain of Custody Yes 🔲 No 🗌 Not Present 1. Custody seals intact on sample bottles? Yes 🗹 No 🗌 Not Present 2. Is Chain of Custody complete? 3. How was the sample delivered? Courier Log In No 🗌 NA 🗌 Yes 🗹 4. Was an attempt made to cool the samples? NA 🗌 5. Were all samples received at a temperature of >0° C to 6.0°C Yes 🔽 No I I Yes 🗸 Sample(s) in proper container(s)? No  $\square$ Yes 🗹 7. Sufficient sample volume for indicated test(s)? Yes 🔽 No | 8. Are samples (except VOA and ONG) properly preserved? NA  $\square$ Yes No ✓ 9. Was preservative added to bottles? Yes No VOA Vials No 🗌 10.VOA vials have zero headspace? Yes □ No 🔽 11. Were any sample containers received broken? # of preserved bottles checked No ... for pH: Yes 🗸 12. Does paperwork match bottle labels? (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? No 🗌 Yes 🗹 13. Are matrices correctly identified on Chain of Custody? 14. Is it clear what analyses were requested? Yes 🗸 No 🗌 No 🗌 Checked by: Yes 🗹 15. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) Yes 🗌 NA 🔽 16. Was client notified of all discrepancies with this order? Person Notified: Date By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 17. Additional remarks: 18. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date 1.3 Good

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

September 21, 2017

Austin Weyant Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-7040

FAX

RE: Coyote OrderNo.: 1709919

#### Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 2 sample(s) on 9/15/2017 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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 9/21/2017

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L4-3

 Project:
 Coyote
 Collection Date: 9/14/2017 9:05:00 AM

 Lab ID:
 1709919-001
 Matrix: SOIL
 Received Date: 9/15/2017 9:30:00 AM

Analyses	Result	PQL (	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analys	: JME
Diesel Range Organics (DRO)	3500	92		mg/Kg	10	9/20/2017 5:37:23 PM	33944
Motor Oil Range Organics (MRO)	2400	460		mg/Kg	10	9/20/2017 5:37:23 PM	33944
Surr: DNOP	0	70-130	S	%Rec	10	9/20/2017 5:37:23 PM	33944
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: NSB
Gasoline Range Organics (GRO)	6.2	4.8		mg/Kg	1	9/19/2017 2:41:39 PM	33919
Surr: BFB	126	54-150		%Rec	1	9/19/2017 2:41:39 PM	33919

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

**Qualifiers:** Value exceeds Maximum Contaminant Level. Analyte detected in the associated Method Blank D Sample Diluted Due to Matrix Е Value above quantitation range Analyte detected below quantitation limits Page 1 of 4 Η Holding times for preparation or analysis exceeded J ND Not Detected at the Reporting Limit P Sample pH Not In Range PQL Practical Quanitative Limit RLReporting Detection Limit % Recovery outside of range due to dilution or matrix Sample container temperature is out of limit as specified

Date Reported: 9/21/2017

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L5-4

 Project:
 Coyote
 Collection Date: 9/14/2017 9:07:00 AM

 Lab ID:
 1709919-002
 Matrix: SOIL
 Received Date: 9/15/2017 9:30:00 AM

Analyses	Result	PQL (	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst	: JME
Diesel Range Organics (DRO)	1100	93		mg/Kg	10	9/20/2017 6:05:59 PM	33944
Motor Oil Range Organics (MRO)	960	470		mg/Kg	10	9/20/2017 6:05:59 PM	33944
Surr: DNOP	0	70-130	S	%Rec	10	9/20/2017 6:05:59 PM	33944
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/19/2017 8:09:35 PM	33919
Surr: BFB	98.3	54-150		%Rec	1	9/19/2017 8:09:35 PM	33919

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

**Qualifiers:** Value exceeds Maximum Contaminant Level. Analyte detected in the associated Method Blank D Sample Diluted Due to Matrix Е Value above quantitation range Analyte detected below quantitation limits Page 2 of 4 Η Holding times for preparation or analysis exceeded J ND Not Detected at the Reporting Limit P Sample pH Not In Range PQL Practical Quanitative Limit RLReporting Detection Limit % Recovery outside of range due to dilution or matrix Sample container temperature is out of limit as specified

#### **QC SUMMARY REPORT**

### Hall Environmental Analysis Laboratory, Inc.

WO#: 1709919

Page 3 of 4

21-Sep-17

**Client:** Souder, Miller & Associates

**Project:** Coyote

Sample ID MB-33944 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: **PBS** Batch ID: 33944 RunNo: 45741 Analysis Date: 9/20/2017 Prep Date: 9/19/2017 SeqNo: 1452485 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 10 10.00 102 70 130

Sample ID LCS-33944 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 33944 RunNo: 45741 Prep Date: 9/19/2017 Analysis Date: 9/20/2017 SeqNo: 1453129 Units: mg/Kg Analyte **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Diesel Range Organics (DRO) 47 10 93.9 73.2 50.00 0 114 Surr: DNOP 4.8 5.000 95.3 70 130

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Η
- ND Not Detected at the Reporting Limit
- POL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

#### **OC SUMMARY REPORT**

#### Hall Environmental Analysis Laboratory, Inc.

0#: 1709919 21-Sep-17

WO#:

Client: Souder, Miller & Associates

**Project:** Coyote

Sample ID MB-33919 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 33919 RunNo: 45719

Prep Date: 9/18/2017 Analysis Date: 9/19/2017 SeqNo: 1452000 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 990 1000 99.2 54 150

Sample ID LCS-33919 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 33919 RunNo: 45719

Prep Date: 9/18/2017 Analysis Date: 9/19/2017 SeqNo: 1452001 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Gasoline Range Organics (GRO)
 31
 5.0
 25.00
 0
 123
 76.4
 125

 Surr: BFB
 1200
 1000
 121
 54
 150

Sample ID MB-33922 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 33922 RunNo: 45719

Prep Date: 9/18/2017 Analysis Date: 9/19/2017 SeqNo: 1452007 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: BFB 1000 1000 104 54 150

Sample ID LCS-33922 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 33922 RunNo: 45719

Prep Date: 9/18/2017 Analysis Date: 9/19/2017 SeqNo: 1452008 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: BFB 1200 1000 116 54 150

#### 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 Detection Limit
- W Sample container temperature is out of limit as specified

That ye deceded in the associated Method Blank

Page 4 of 4



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

## Sample Log-In Check List

Client Name:	SMA-CARLSBAD	Work Order N	umber: 17099	19		RcptNo:	1
Received By:	Isaiah Ortiz	9/15/2017 9:30:	00 AM	ΙŒ	<b>_</b>		
Completed By:	Sophia Campuzano	9/18/2017 11:47	:11 <b>AM</b>	in Acia	- Seguene -		
Reviewed By:	IMO	9/18/2017	t		,		
Chain of Cus	tody						
1. Custody sea	als intact on sample bottle	es?	Yes	□ No		Not Present	
2. Is Chain of C	Custody complete?		Yes	<b>✓</b> No		Not Present	
3. How was the	e sample delivered?		<u>UPS</u>				
<u>Log In</u>							
4. Was an atte	empt made to cool the sa	mples?	Yes	No		NA 🗆	
5. Were all sar	nples received at a temp	erature of >0° C to 6.0°0	C Yes	<b>✓</b> No		NA 🗆	
6. Sample(s) in	n proper container(s)?		Yes	<b>✓</b> No			
7. Sufficient sa	mple volume for indicate	d test(s)?	Yes	<b>✓</b> No			
	(except VOA and ONG)		Yes	<b>✓</b> No			
	vative added to bottles?		Yes	□ No	<b>~</b>	NA 🗌	
10.VOA vials ha	ave zero headspace?		Yes	No		No VOA Vials 🗹	
11. Were any sa	ample containers receive	d broken?	Yes	□ No	<b>✓</b>		
	vork match bottle labels? pancies on chain of custo		Yes	<b>✓</b> No		# of preserved bottles checked for pH:	>12 unless noted)
	correctly identified on C	• •	Yes	<b>✓</b> No	:	Adjusted?	
	at analyses were reques	•	Yes	<b>✓</b> No			
	ding times able to be met customer for authorizatio		Yes	<b>☑</b> No		Checked by:	
Special Hand	ling (if applicable)						
16. Was client n	otified of all discrepancie	s with this order?	Yes	□ No		NA 🗹	
Person	Notified:		ate	onnice de marce de m	noncontainent		
By Wh	om:		′ia: <sup>˙</sup>	il Phone	Fax [	In Person	
Regard	ding:	· · · · · · · · · · · · · · · · · · ·			***********		
Client I	Instructions:		200.000.000.000.000.000.000.000.000.000		al backarakarakarak		
17. Additional re	emarks:						
18. <u>Cooler Info</u> Cooler No		n   Seal Intact   Seal N	lo   Seal Da	te   Signed I	зу І		
1	1.7 Good	Yes		0.900	-,		
Page 1 of			* * * * * * * * * * * * * * * * * * * *		·		* *************************************

TAL	Air Bubbles (Y or N)	
HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com kins NE - Albuquerque, NM 87109 45-3975 Fax 505-345-4107 Analysis Request	(AOV-imeR) 0YS8	S: Any sub-contracted data will be ploarly notated on the analytical report
IALL ENVIRONN NALYSIS LABO Www.hallenvironmental.com ns NE - Albuquerque, NM 87 5-3975 Fax 505-345-4107 Analysis Request		- I the
LYSIS LAE  LYSIS LAE  allenvironmental.cc  - Albuquerque, NN  Fax 505-345- Analysis Request	8081 Pesticides / 8082 PCB's	notated
EN/ (SI) Inviron Albuqu Fax	Anions (F,CI,NO <sub>3</sub> ,NO <sub>2</sub> ,PO <sub>4</sub> ,SO <sub>4</sub> )	olloarly
AL) AL) halle E - / An	PAH's (8310 or 8270 SIMS) RCRA 8 Metals	a will be
HALL ANA www.he 4901 Hawkins NE Tel. 505-345-3975	EDB (Method 504.1)	teb dat
Hawk	(1.814 Method 418.1)	o-contracted o
4901 I	(CHO SES OF TRANSPER (GRO / DRO / MRO)	is and an
	BTEX + MTBE + TMB's (8021)  BTEX + MTBE + TPH (Gas only)	1 1 1 2 1
	Week IGHT / GGM / AGE	S S S S S S S S S S S S S S S S S S S
5 dus hun ush	HEAL NO. 1709919 - 001 - 002	Date Time Remar
me:	Teafte Treature: Freservative Type	Redited laboratories.
Turn-Around Time:  X Standard Project Name:  CO10	Project Manager:  Sampler: Head On loe: Myes Sample Temperature: Type and # Type	Received by: Received by:
Chain-of-Custody Record  SMA - Cadsbul  Address:	Sample Request ID	0 Hall Environmental may be subco
of-Cus	Other	Relinquished by:
Client: SMA Mailing Address:	Time  Time  Time  7.07	Time: F
Client: Clent: Phone #:	A Standard A Accreditation  Date Time  P. OA  OA/OC Package:  A Standard  A Coreditation  Date Time  O FOA  O FOA	Alley Ti



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

October 17, 2017

Austin Weyant Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-7040

FAX

RE: Coyote OrderNo.: 1710762

#### Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/13/2017 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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

Indest

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 10/17/2017

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L4

 Project:
 Coyote
 Collection Date: 10/11/2017 12:08:00 PM

 Lab ID:
 1710762-001
 Matrix: SOIL
 Received Date: 10/13/2017 9:15:00 AM

Analyses	Result	PQL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANG	3		Anal	yst: TOM	
Diesel Range Organics (DRO)	16	8.9	mg/Kg	1 10/16/2017 11:45:12	2 AM 34401
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1 10/16/2017 11:45:12	2 AM 34401
Surr: DNOP	92.6	70-130	%Rec	1 10/16/2017 11:45:12	2 AM 34401
EPA METHOD 8015D: GASOLINE RANGE				Anal	yst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1 10/16/2017 9:56:25	AM 34399
Surr: BFB	97.8	54-150	%Rec	1 10/16/2017 9:56:25	AM 34399

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

**Qualifiers:** Value exceeds Maximum Contaminant Level. Analyte detected in the associated Method Blank D Sample Diluted Due to Matrix Е Value above quantitation range Analyte detected below quantitation limits Page 1 of 3 Η Holding times for preparation or analysis exceeded J ND Not Detected at the Reporting Limit P Sample pH Not In Range PQL Practical Quanitative Limit RLReporting Detection Limit % Recovery outside of range due to dilution or matrix Sample container temperature is out of limit as specified

### **QC SUMMARY REPORT**

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1710762** 

17-Oct-17

Client: Souder, Miller & Associates

**Project:** Coyote

Sample ID LCS-34401 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 34401 RunNo: 46361

Prep Date: 10/13/2017 Analysis Date: 10/16/2017 SeqNo: 1476752 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 10 46 50.00 0 92.3 73.2 114

Surr: DNOP 4.6 5.000 92.8 70 130

Sample ID MB-34401 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 34401 RunNo: 46361

Prep Date: 10/13/2017 Analysis Date: 10/16/2017 SeqNo: 1476753 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Diesel Range Organics (DRO) ND 10
Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 8.9 10.00 89.0 70 130

#### Qualifiers:

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

Page 2 of 3

### **QC SUMMARY REPORT**

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1710762** 

17-Oct-17

Client: Souder, Miller & Associates

**Project:** Coyote

Sample ID MB-34399 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 34399 RunNo: 46367

Prep Date: 10/13/2017 Analysis Date: 10/16/2017 SeqNo: 1477828 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 970 1000 96.9 54 150

Sample ID LCS-34399 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 34399 RunNo: 46367

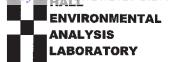
Prep Date: 10/13/2017 Analysis Date: 10/16/2017 SeqNo: 1477829 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 29 5.0 25.00 0 116 75.9 131 1100 1000 108 Surr: BFB 54 150

#### 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 Detection Limit
- W Sample container temperature is out of limit as specified

Page 3 of 3



riau Environmental Analysis Laboratory 4901 Hawkins NE

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com Sample Log-In Check List

Albuquerque, NM 87109

Client Name:	SMA-CARLSBAD	Work Order I	Number: <b>1710762</b>		RcptNo:	1
Received By: Completed By: Reviewed By:	Richie Eriacho Ashley Gallegos	10/13/2017 9:1 10/13/2017 9:3 ( 0 / / 3 / ( )		2-2		
Chain of Cus	stody					
1. Custody sea	als intact on sample bottl	es?	Yes 🗌	No 🗌	Not Present 🗹	
2. Is Chain of	Custody complete?		Yes 🗹	No 🗌	Not Present	
3. How was th	e sample delivered?		Courier			
Log In						
4. Was an atte	empt made to cool the sa	amples?	Yes 🗸	No 🗌	NA 🗆	
5. Were all sa	mples received at a temp	perature of >0° C to 6.0°	C Yes 🗹	No 🗆	NA 🗆	
6. Sample(s) i	in proper container(s)?		Yes 🗸	No 🗆		
7. Sufficient sa	ample volume for indicate	ed test(s)?	Yes 🗹	No 🗌		
8. Are samples	s (except VOA and ONG)	properly preserved?	Yes 🗹	No 🗌		
9. Was preser	vative added to bottles?		Yes 🗌	No 🗹	NA 🗆	
10.VOA vials h	ave zero headspace?		Yes	No 🗌	No VOA Vials 🗹	
11. Were any s	ample containers receive	ed broken?	Yes	No 🗹	41 - 5	
			_		# of preserved bottles checked	
	work match bottle labels?		Yes 🗸	No 🗀	for pH:	>12 unless noted)
	epancies on chain of cust s correctly identified on C	**	Yes 🗸	No □	Adjusted?	> 12 diffess floted)
	hat analyses were reques	•	Yes ✓	No 🗆		V-10-1
15. Were all hol	iding times able to be me	t?	Yes 🗹	No 🗆	Checked by:	
(II IIO, IIOtily	customer for authorization	лі. <i>)</i>			,	
Special Hand	lling (if applicable)					
16. Was client r	notified of all discrepancie	es with this order?	Yes 🗌	No 🗆	NA 🗹	
Perso	n Notified:	**************************************	Date			
By Wi	nom:		Via: 🗌 eMail 📗 Pl	hone 🗌 Fax	In Person	
Regar	ding:					
Client	Instructions:					
17. Additional r	emarks:					
18. Cooler Info	<u>ormation</u>					
Cooler N	o Temp °C Condition		No Seal Date	Signed By		
[1	4.1 Good	Yes		LITTER BUILDING		
	· <del>-</del>	_ <del>_</del>				

Received by OCD: 10/20/2023 1:	Fir Bubbles (Y or N) seldduB riA	<u>'</u>	Page 112 of 170
ANALYSIS LABORATOR  ANALYSIS LABORATOR  www.hallenvironmental.com  kins NE - Albuquerque, NM 87109  45-3975 Fax 505-345-4107  Analysis Request	(AOV-imə8) 07S8		le analytical report.
HALL ENVIRON NALYSIS LAB www.hallenvironmental.com ns NE - Albuquerque, NM 8 5-3975 Fax 505-345-41 Analysis Request	(AOV) 808S8		# uo pe
North National Nation	8081 Pesticides / 8082 PCB's	<u>                                       </u>	y notate
EN (SI)	Anions (F,Cl,NO <sub>3</sub> ,NO <sub>2</sub> ,PO <sub>4</sub> ,SC		clearl
LL Natter	PAH's (8310 or 8270 SIMS) RCRA 8 Metals		will be
HALL ANAL www.hall sins.NE - 45-3975	EDB (Method 504.1)		 ed data
######################################	(1.814 bodted) H9T		ontracte
######################################	TPH 8015B (GRO / DRO / MF		 
Tel. (Vin	BTEX + MTBE + TPH (Gas or	7++	y. Any
(1	BTEX + MTBE + TMB's (8021		Remarks:
nager:	Preservative HEAL No.	100-	Date Time  Date Time  Date Time  Date Time  This serves as notice of this p
Turn-Around Time:  ☐ Standard Project Name:  ☐ Project #:	Sampler: MW On foe Sample Temperature: Container Preserve Type and # Type	402	Received by: Received by:
Chain-of-Custody Record  G Address:  or Fax#:	□ Level 4 (Full Validation)  Sample Request ID	7	o Hall Environmental may be subco
-ot-Cu	□ Other Matrix		Refinquished by: Refinquished by: amples submitted t
hain Address:	ackage: lard ation P. Type)	2002	7467 F
Chain-Chain Chain Chain Chain Chain Client: Chain Mailing Address: 10/31/5053	□ Stand Accredit □ Dete	Cifing	Date: 74



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

November 08, 2017

Austin Weyant Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-7040

FAX

RE: Coyote OrderNo.: 1711124

#### Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 2 sample(s) on 11/2/2017 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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

# Analytical Report Lab Order 1711124

Date Reported: 11/8/2017

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L1-2'

 Project:
 Coyote
 Collection Date: 10/30/2017 12:03:00 PM

 Lab ID:
 1711124-001
 Matrix: SOIL
 Received Date: 11/2/2017 9:10:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS	6			Analys	st: TOM
Diesel Range Organics (DRO)	14	9.4	mg/Kg	1	11/7/2017 5:02:17 PM	34843
Motor Oil Range Organics (MRO)	120	47	mg/Kg	1	11/7/2017 5:02:17 PM	34843
Surr: DNOP	87.4	70-130	%Rec	1	11/7/2017 5:02:17 PM	34843
EPA METHOD 8015D: GASOLINE RA	ANGE				Analys	st: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	11/6/2017 5:05:48 PM	34792
Surr: BFB	83.4	15-316	%Rec	1	11/6/2017 5:05:48 PM	34792

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

**Qualifiers:** Value exceeds Maximum Contaminant Level. Analyte detected in the associated Method Blank D Sample Diluted Due to Matrix Е Value above quantitation range Analyte detected below quantitation limits Page 1 of 5 Η Holding times for preparation or analysis exceeded J ND Not Detected at the Reporting Limit P Sample pH Not In Range PQL Practical Quanitative Limit RLReporting Detection Limit % Recovery outside of range due to dilution or matrix Sample container temperature is out of limit as specified

**Analytical Report**Lab Order **1711124** 

Date Reported: 11/8/2017

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: Source 2'

 Project:
 Coyote
 Collection Date: 10/30/2017 11:50:00 AM

 Lab ID:
 1711124-002
 Matrix: SOIL
 Received Date: 11/2/2017 9:10:00 AM

Analyses	Result	PQL Qual	Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	st: MRA
Chloride	480	30	mg/Kg	20 11/8/2017 5:31:42 AM	34875

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

**Qualifiers:** Value exceeds Maximum Contaminant Level. Analyte detected in the associated Method Blank D Sample Diluted Due to Matrix Е Value above quantitation range Analyte detected below quantitation limits Page 2 of 5 Η Holding times for preparation or analysis exceeded J ND Not Detected at the Reporting Limit P Sample pH Not In Range PQL Practical Quanitative Limit RLReporting Detection Limit % Recovery outside of range due to dilution or matrix Sample container temperature is out of limit as specified

### **QC SUMMARY REPORT**

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1711124 08-Nov-17** 

Client: Souder, Miller & Associates

**Project:** Coyote

Sample ID MB-34875 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **34875** RunNo: **46976** 

Prep Date: 11/7/2017 Analysis Date: 11/7/2017 SeqNo: 1498823 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID LCS-34875 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 34875 RunNo: 46976

Prep Date: 11/7/2017 Analysis Date: 11/7/2017 SeqNo: 1498824 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 15 1.5 15.00 0 99.8 90 110

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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 Detection Limit
- W Sample container temperature is out of limit as specified

Page 3 of 5

#### **OC SUMMARY REPORT**

#### Hall Environmental Analysis Laboratory, Inc.

SampType: MBLK

4.1

WO#: **1711124** 

08-Nov-17

Client: Souder, Miller & Associates

**Project:** Coyote

Sample ID MB-34843

Sample ID LCS-34843 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 34843 RunNo: 46928 Prep Date: 11/6/2017 Analysis Date: 11/7/2017 SeqNo: 1497169 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 10 42 50.00 n 84.4 73.2 114 Surr: DNOP 4.1 5.000 82.5 130

Client ID: PBS Batch ID: 34843 RunNo: 46928 Analysis Date: 11/7/2017 Prep Date: 11/6/2017 SeqNo: 1497170 Units: mg/Kg SPK value SPK Ref Val Analyte Result **PQL** %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 10.00 80.8 70 130

TestCode: EPA Method 8015M/D: Diesel Range Organics

Sample ID 1711124-001AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: L1-2' Batch ID: 34843 RunNo: 46928 Prep Date: Analysis Date: 11/7/2017 SeqNo: 1497858 11/6/2017 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 50 9.6 47.76 14.28 74.3 55.8 122 Surr: DNOP 4.3 4.776 90.7 70 130

TestCode: EPA Method 8015M/D: Diesel Range Organics Sample ID 1711124-001AMSD SampType: MSD Client ID: L1-2' Batch ID: 34843 RunNo: 46928 Prep Date: 11/6/2017 Analysis Date: 11/7/2017 SeqNo: 1497859 Units: mg/Kg HighLimit SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Qual Analyte Result **PQL** Diesel Range Organics (DRO) 44 9.1 45.70 14.28 65.7 55.8 122 11.5 20

90.4

70

130

0

0

Page 4 of 5

4.570

#### Qualifiers:

Surr: DNOP

- \* 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 Detection Limit
- W Sample container temperature is out of limit as specified

### **QC SUMMARY REPORT**

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1711124** 

08-Nov-17

Client: Souder, Miller & Associates

**Project:** Coyote

Sample ID MB-34792 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 34792 RunNo: 46898

Prep Date: 11/3/2017 Analysis Date: 11/6/2017 SeqNo: 1496403 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 850 1000 84.8 15 316

Sample ID LCS-34792 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 34792 RunNo: 46898

Prep Date: 11/3/2017 Analysis Date: 11/6/2017 SeqNo: 1496404 Units: mg/Kg

LowLimit Analyte Result **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 97.2 75.9 131 940 94.1 Surr: BFB 1000 15 316

#### 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 Detection Limit
- W Sample container temperature is out of limit as specified

Page 5 of 5



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

## Sample Log-In Check List

Client Name: SI	MA-CARLSBAD	Work Order Number:	1711124		RcptNo:	1
Completed By: A	Dennis Suazo Ashley Gallegos	11/2/2017 9:10:00 AM 11/2/2017 1:58:22 PM \\/Z/\7		A		
Chain of Custon	<u>dy</u>					
1. Custody seals in	ntact on sample bottles?		Yes	No 🗆	Not Present 🗹	
2. Is Chain of Cust	tody complete?		Yes 🗹	No 🗆	Not Present	
3. How was the sa	mple delivered?		Courier			
<u>Log In</u>						
4. Was an attemp	t made to cool the sample	s?	Yes 🗹	No 🗆	NA 🗆	
5. Were all sample	es received at a temperatu	ure of >0° C to 6.0°C	Yes 🗹	No 🗆	NA 🗀	~
6. Sample(s) in pr	oper container(s)?		Yes 🔽	No 🗀		
7. Sufficient sample	le volume for indicated tes	st(s)?	Yes 🗹	No 🗆		
8. Are samples (ex	ccept VOA and ONG) prop	erly preserved?	Yes 🗹	No 🗌		
9. Was preservativ	e added to bottles?		Yes 🗌	No 🗹	NA 🗆	
10.VOA vials have	zero headspace?		Yes 🗌	No 🗆	No VOA Vials 🗹	
11. Were any samp	ole containers received bro	oken?	Yes	No 🗹	# of preserved	
12. Does paperwork	c match bottle labels?		Yes 🗹	No 🗆	bottles checked for pH:	· .
(Note discrepan	cies on chain of custody)		_			r >12 unless noted)
	rrectly identified on Chain	of Custody?	Yes 🗹	No 📙	Adjusted?	
	analyses were requested?	•	Yes 🛂	No 📙	Of a should be in	
_	times able to be met? tomer for authorization.)		Yes 🗹	No 📙	Checked by:	
Special Handlin	a (if annlicable)					
	ed of all discrepancies wit	th this order?	Yes 🗌	No 🗀	NA 🗹	
Person No	otified:	Date				]
By Whom	:	Via:	eMail 🗍	Phone  Fax	☐ In Person	
Regarding	j:					
Client Inst	ructions:					
17. Additional rema	arks:					
18. <u>Cooler Information Cooler No.</u>	Temp °C Condition	Seal Intact   Seal No	Seal Date	Signed By		
Page 1 of 1						

Released to Imaging: 10/31/2023 2:58:43 PM

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	₹	www.hallenvironmental.com	Albuquerque, NM 87109	Fax 505-345-4107	Analysis Request					4OV) 808S8									_		
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	KRUSH 5 day turn	· · · · ·					yant	J. W.G.	10.8CP=50	FEALNO. Petil 124	100-	-002								Date Time 11/2/17 0910	Date Time
J Time:			ore			ager:	Austin Meyant	NA NA	10	Preservative Type										Ly .	
Turn-Around Time:	□ Standard	Project Nam	Coldo	Project #∷		Project Manager:	A Y	Sampler:		Container Type and #	402	40%.								Received by:	Received by:
Chain-of-Custody Record			201 S. Hayagueno	$\bigcap_{i=1}^{n}$			□ Level 4 (Full Validation)		- Company	Sample Request ID	17-17	Spire 7								d by:	Time: Relinquished by: Date Time
of-Cus	4		t					□ Other		Matrix										Relinquished by:	Relinquished by:
hain.	SMA		Mailing Address:		#:	email or Fax#:	QA/QC Package:	litation	□ EDD (Tvpe)	Time	101301712:03 Soil	10[20[1] 11:50								Time:	Time:
J	Client:		Mailing		Phone #:	email	QA/QC Packa	Accreditation		Date	101301	NO Zofia	<u>-</u>  -   3   2					:		Date:	Date:



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

November 08, 2017

Austin Weyant Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-7040

FAX

RE: Coyote OrderNo.: 1711125

#### Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 1 sample(s) on 11/2/2017 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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

Only

4901 Hawkins NE

Albuquerque, NM 87109

# Analytical Report Lab Order 1711125

Date Reported: 11/8/2017

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L1-3'

 Project:
 Coyote
 Collection Date: 10/30/2017 12:15:00 PM

 Lab ID:
 1711125-001
 Matrix: SOIL
 Received Date: 11/2/2017 9:10:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS	;			Analys	st: TOM
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	11/7/2017 6:26:08 PM	34843
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	11/7/2017 6:26:08 PM	34843
Surr: DNOP	83.1	70-130	%Rec	1	11/7/2017 6:26:08 PM	34843
EPA METHOD 8015D: GASOLINE RA	ANGE				Analys	st: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	11/6/2017 5:29:07 PM	34792
Surr: BFB	82.7	15-316	%Rec	1	11/6/2017 5:29:07 PM	34792

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

**Qualifiers:** Value exceeds Maximum Contaminant Level. Analyte detected in the associated Method Blank D Sample Diluted Due to Matrix Е Value above quantitation range Analyte detected below quantitation limits Page 1 of 3 Η Holding times for preparation or analysis exceeded J ND Not Detected at the Reporting Limit P Sample pH Not In Range PQL Practical Quanitative Limit RLReporting Detection Limit % Recovery outside of range due to dilution or matrix Sample container temperature is out of limit as specified

### **QC SUMMARY REPORT**

## Hall Environmental Analysis Laboratory, Inc.

8.1

WO#: 1711125

Page 2 of 3

08-Nov-17

Client: Souder, Miller & Associates

**Project:** Coyote

Surr: DNOP

Sample ID LCS-34843 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 34843 RunNo: 46928 Prep Date: 11/6/2017 Analysis Date: 11/7/2017 SeqNo: 1497169 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 10 42 50.00 0 84.4 73.2 114 Surr: DNOP 5.000 82.5 4.1 130

TestCode: EPA Method 8015M/D: Diesel Range Organics Sample ID MB-34843 SampType: MBLK Batch ID: 34843 Client ID: PBS RunNo: 46928 Prep Date: Analysis Date: 11/7/2017 SeqNo: 1497170 11/6/2017 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50

80.8

70

130

10.00

#### 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 Detection Limit
- W Sample container temperature is out of limit as specified

### **QC SUMMARY REPORT**

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1711125

08-Nov-17

Client: Souder, Miller & Associates

**Project:** Coyote

Sample ID MB-34792 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 34792 RunNo: 46898

Prep Date: 11/3/2017 Analysis Date: 11/6/2017 SeqNo: 1496403 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 850 1000 84.8 15 316

Sample ID LCS-34792 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 34792 RunNo: 46898

Prep Date: 11/3/2017 Analysis Date: 11/6/2017 SeqNo: 1496404 Units: mg/Kg

LowLimit Analyte Result **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 97.2 75.9 131 940 94.1 Surr: BFB 1000 15 316

#### 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 Detection Limit
- W Sample container temperature is out of limit as specified

Page 3 of 3



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

# Sample Log-In Check List

		weosiie. www.m	andievii otiiiibiidi.	com		
Client Name:	SMA-CARLSBAD	Work Order Number	: 1711125		RcptNo:	1
Received By:	Dennis Suazo	11/2/2017 9:10:00 AM	I			
Completed By:	Ashley Gallegos	11/2/2017 2:01:20 PM	1			
	<del></del> -		•	34		
Reviewed By:	ENM	11/2/17				
Chain of Cus	<u>tody</u>					
1, Custody sea	is intact on sample bottle	s?	Yes 🗌	No 🗌	Not Present	
2. Is Chain of C	Custody complete?		Yes 🗹	No 🗌	Not Present	
3. How was the	sample delivered?		Courier			
<u>Log In</u>						
4. Was an atte	empt made to cool the sar	nples?	Yes 🗹	No 🗆	na 🗆	
5. Were all sar	mples received at a tempe	erature of >0° C to 6.0°C	Yes 🗹	No 🗆	na 🗆	٠
6. Sample(s) ii	n proper container(s)?		Yes 🗹	No 🗆		
7. Sufficient sa	mple volume for indicated	test(s)?	Yes 🗹	No 🗌		
8. Are samples	(except VOA and ONG)	properly preserved?	Yes 🗹	No 🗌		
9. Was preserv	vative added to bottles?		Yes 🗌	No 🗹	NA 🗌	
10.VOA vials ha	ave zero headspace?		Yes 🗌	No 🗆	No VOA Vials 🗹	
11. Were any sa	ample containers received	I broken?	Yes 🗌	No 🗹	# of preserved	
12 Does nanen	work match bottle labels?		Yes 🔽	No 🗆	bottles checked for pH:	
	pancies on chain of custo	dy)	163	140	·	>12 unless noted)
13. Are matrices	correctly identified on Ch	ain of Custody?	Yes 🗹	No 🗆	Adjusted?	
14. Is it clear wh	at analyses were request	ed?	Yes 🗹	No 🗆		
	ding times able to be met		Yes 🗹	No 🗆	Checked by:	
(IT no, notity	customer for authorizatio	1.)				
Special Hand	lling (if applicable)					
16. Was client n	otified of all discrepancies	s with this order?	Yes	No 🗆	NA 🔽	1
Persor	n Notified:	Date				
By Wh	iom:	Via:	eMail	Phone 🗌 Fax	☐ In Person	
Regard	<u></u>		1			
Client	Instructions:					
17. Additional re	emarks:					
18. Cooler Info	rmation					
Cooler N			Seal Date	Signed By		
	5.0 Good	Yes	1000 to 1000 t			
		<del> </del>		<b></b>		

	HALL ENVIRONMENTAL	AINALISIS LABORALORY	www.nallehvironmental.com 4901 Hawkins NF - Albuquardus NM 87100	Fax 505-345-4107	Analysis Request	(%)	CB,2 0 <sup>4</sup> '2C 12) 1 \ WB	09/C	1 \ O\ (1.8.1) (1.9(1) (1.4.1) (2.400) (3.400) (4.808)	(GR d 41 (NO sla sels (NO (NO (NO (NO (NO (NO (NO (NO (NO (NO	BTEX + MTE BTEX + MTE TPH 8015B of TPH (Method EDB (Me							Remarks:	age 120.07
Turn-Around Time:	□ Standard If Rush 5 d (LL) TULL	ļ.,	Coyota	Project #:	че <sub>в</sub> .	Project Manager:		H	Sampler: INAC On Ice: IN Ice In Ice	Temp	Container Preservative HEAL No. Type and # Type	40e001						Perwins from 11/2/17 (1910)	Received by: Date Time
of-Custody Record			Mailing Address: 201 S. Halaqueno		Phone #:	email or Fax#:	ige:	☐ Standard ☐ Level 4 (Full Validation)	□ Other	□ EDD (Type)	Date Time Matrix Sample Request ID	10/30/17 12:15 Soil 11-3'						Date: Time: Relinquished by:	Date: Time: Relinquished by: Received by: Time Date Time

#### Bratcher, Mike, EMNRD

**From:** Bratcher, Mike, EMNRD

**Sent:** Wednesday, October 18, 2017 8:02 AM **To:** Heather Patterson; Weaver, Crystal, EMNRD

**Cc:** Kerry Egan; Austin Weyant; agroves (agroves@slo.state.nm.us)

**Subject:** RE: Backfill request

RE: Lucid Energy \* Coyote Station \* 2RP-1825 & 4224

Heather,

Your request to backfill the areas identified as L4 & L5 at the above referenced site is approved.

Thank you,

Mike Bratcher NMOCD District 2 811 South First Street Artesia, NM 88210 575-748-1283 Ext 108

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

**From:** Heather Patterson [mailto:heather.patterson@soudermiller.com]

Sent: Tuesday, October 17, 2017 2:59 PM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>

Cc: Kerry Egan < KEgan@lucid-energy.com>; Austin Weyant < austin.weyant@soudermiller.com>

Subject: Backfill request

RE: Lucid Energy \* Coyote Station \* 2RP-1825 \* 2RP-4224

Good Afternoon,

On behalf of Lucid Energy, I would like to request backfill at the Coyote Station. This request is for the area between the pipelines and includes sample locations L4 and L5. Attached you'll find the site map and the lab results.

Thank you,

Heather Patterson Staff Scientist

Souder, Miller & Associates

Engineering ♦ Environmental ♦ Surveying 201 Halagueno St Carlsbad, NM 88220 www.soudermiller.com

(575)200-5343 (mobile)





# Appendix E

Laboratory Reports

Report to:
Brittany Long







5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

# Targa

Project Name: Coyote Compressor Station

Work Order: E309019

Job Number: 21102-0001

Received: 9/5/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/11/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/11/23

Brittany Long 12600 WCR 91 Midland, TX 79707

Project Name: Coyote Compressor Station

Workorder: E309019

Date Received: 9/5/2023 8:15:00AM

Brittany Long,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/5/2023 8:15:00AM, under the Project Name: Coyote Compressor Station.

The analytical test results summarized in this report with the Project Name: Coyote Compressor Station apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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QC Summary Data	6
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QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

## **Sample Summary**

_				
ſ	Targa	Project Name:	Coyote Compressor Station	Reported:
١	12600 WCR 91	Project Number:	21102-0001	Reported.
l	Midland TX, 79707	Project Manager:	Brittany Long	09/11/23 16:51

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
AH-2 (2-2.5')	E309019-01A Soil	08/30/23	09/05/23	Glass Jar, 4 oz.



# **Sample Data**

Targa Project Name: Coyote Compressor Station

 12600 WCR 91
 Project Number:
 21102-0001
 Reported:

 Midland TX, 79707
 Project Manager:
 Brittany Long
 9/11/2023
 4:51:07PM

#### AH-2 (2-2.5') E309019-01

		ECO/OI/ OI					
	D. I	Reporting		·	D 1		N
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	ΙΥ		Batch: 2336016
Benzene	ND	0.0250	1	1	09/05/23	09/07/23	
Ethylbenzene	ND	0.0250	1	1	09/05/23	09/07/23	
Toluene	ND	0.0250	1	1	09/05/23	09/07/23	
o-Xylene	ND	0.0250	1	1	09/05/23	09/07/23	
p,m-Xylene	ND	0.0500	1	1	09/05/23	09/07/23	
Total Xylenes	ND	0.0250	1	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		98.3 %	70-130		09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/05/23	09/07/23	
Surrogate: Toluene-d8		95.5 %	70-130		09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: l	ΙΥ		Batch: 2336016
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		98.3 %	70-130		09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/05/23	09/07/23	
Surrogate: Toluene-d8		95.5 %	70-130		09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: l	KM		Batch: 2336060
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/07/23	09/09/23	
Oil Range Organics (C28-C36)	73.3	50.0	1	1	09/07/23	09/09/23	
Surrogate: n-Nonane		101 %	50-200		09/07/23	09/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: l	BA		Batch: 2336055
Chloride	ND	200	10	0	09/06/23	09/08/23	



#### **QC Summary Data**

Coyote Compressor Station Targa Project Name: Reported: 12600 WCR 91 Project Number: 21102-0001 Midland TX, 79707 Project Manager: Brittany Long 9/11/2023 4:51:07PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2336016-BLK1) Prepared: 09/05/23 Analyzed: 09/06/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.502 0.500 100 70-130 Surrogate: 1,2-Dichloroethane-d4 0.486 0.500 97.1 70-130 0.500 97.5 70-130 Surrogate: Toluene-d8 0.488 LCS (2336016-BS1) Prepared: 09/05/23 Analyzed: 09/06/23 2.46 0.0250 2.50 98.4 70-130 Benzene 2.50 94.6 70-130 2.36 Ethylbenzene 0.0250 2.30 0.0250 2.50 92.0 70-130 2.30 70-130 0.0250 2.50 92.1 o-Xylene 4.54 5.00 90.8 70-130 p,m-Xylene 0.0500 6.84 0.0250 7.50 91.2 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.494 0.500 98.8 70-130 0.500 97.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.486 70-130 Surrogate: Toluene-d8 0.488 0.500 Matrix Spike (2336016-MS1) Source: E308250-25 Prepared: 09/05/23 Analyzed: 09/06/23 2.79 0.0250 2.50 ND 112 48-131 45-135 Ethylbenzene 2.64 0.0250 2.50 ND 106 ND 102 48-130 Toluene 2.56 0.0250 2.50 2.62 0.0250 2.50 ND 105 43-135 o-Xylene 5.00 ND 103 43-135 p,m-Xylene 5.14 0.0500 Total Xylenes 7.76 0.0250 7.50 ND 103 43-135 Surrogate: Bromofluorobenzene 0.497 0.500 99.4 70-130 0.507 0.500 101 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.479 95.7 Surrogate: Toluene-d8 Matrix Spike Dup (2336016-MSD1) Source: E308250-25 Prepared: 09/05/23 Analyzed: 09/06/23 2.53 0.0250 2.50 ND 101 48-131 9.95 23 2.41 0.0250 2.50 ND 96.4 45-135 9.07 27 Ethylbenzene ND 94.4 48-130 8.07 24 2.36 2.50 Toluene 0.0250 o-Xylene 2.36 0.0250 2.50 ND 94.2 43-135 10.4 27 5.00 ND 92.8 43-135 10.3 27 4.64 p,m-Xylene 0.0500 27 6.99 0.0250 7.50 ND 93.3 43-135 10.3 Total Xylenes Surrogate: Bromofluorobenzene 0.501 0.500 100 70-130



0.500

0.500

0.514

0.484

103

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

## **QC Summary Data**

TargaProject Name:Coyote Compressor StationReported:12600 WCR 91Project Number:21102-0001Midland TX, 79707Project Manager:Brittany Long9/11/2023 4:51:07PM

Midland TX, 79707		Project Number Project Manager		ittany Long					9/11/2023 4:51:07PM
	Non	halogenated	Organics l	by EPA 801	15D - Gl	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336016-BLK1)							Prepared: 0	9/05/23	Analyzed: 09/06/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			
LCS (2336016-BS2)							Prepared: 0	9/05/23	Analyzed: 09/06/23
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		90.9	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			
Matrix Spike (2336016-MS2)				Source:	E308250-	25	Prepared: 0	9/05/23	Analyzed: 09/06/23
Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			
Matrix Spike Dup (2336016-MSD2)				Source:	E308250-	25	Prepared: 0	9/05/23	Analyzed: 09/06/23
Gasoline Range Organics (C6-C10)	54.4	20.0	50.0	ND	109	70-130	0.713	20	
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			

0.500

0.500

0.493

0.483

98.5

96.6

70-130

70-130



## **QC Summary Data**

TargaProject Name:Coyote Compressor StationReported:12600 WCR 91Project Number:21102-0001Midland TX, 79707Project Manager:Brittany Long9/11/2023 4:51:07PM

Midland TX, 79707		Project Manage	r: Br	ittany Long				9/	11/2023 4:51:07PM
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336060-BLK1)							Prepared: 0	9/06/23 Ana	lyzed: 09/09/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.8		50.0		102	50-200			
LCS (2336060-BS1)							Prepared: 0	9/06/23 Ana	lyzed: 09/09/23
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	46.1		50.0		92.3	50-200			
Matrix Spike (2336060-MS1)				Source:	E309015-0	01	Prepared: 0	9/06/23 Ana	lyzed: 09/11/23
Diesel Range Organics (C10-C28)	18200	1250	250	19500	NR	38-132			M4
Surrogate: n-Nonane	46.7		50.0		93.3	50-200			
Matrix Spike Dup (2336060-MSD1)				Source:	E309015-	01	Prepared: 0	9/06/23 Ana	lyzed: 09/11/23
Diesel Range Organics (C10-C28)	18400	1250	250	19500	NR	38-132	1.36	20	M4
Surrogate: n-Nonane	46.4		50.0		92.7	50-200			



# **QC Summary Data**

Targa 12600 WCR 91	Project Name: Project Number:		Coyote Compre	essor Statio	n			Reported:	
Midland TX, 79707		Project Manager		Brittany Long					9/11/2023 4:51:07PM
		Anions	by EPA	300.0/9056	4				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336055-BLK1)							Prepared: 0	9/06/23	Analyzed: 09/08/23
Chloride	ND	20.0							
LCS (2336055-BS1)							Prepared: 0	9/06/23	Analyzed: 09/08/23
Chloride	242	20.0	250		96.9	90-110			
Matrix Spike (2336055-MS1)				Source:	E309018-0	)1	Prepared: 0	9/06/23	Analyzed: 09/08/23
Chloride	329	200	250	ND	132	80-120			M2
Matrix Spike Dup (2336055-MSD1)				Source:	E309018-0	)1	Prepared: 0	9/06/23	Analyzed: 09/08/23
Chloride	247	200	250	ND	98.9	80-120	28.5	20	

#### QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



### **Definitions and Notes**

Targa	Project Name:	Coyote Compressor Station	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brittany Long	09/11/23 16:51

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Released nalysis Re	equest of Chain of Custody Record																			Pag	je		1	of _	Vecerbene
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Client Name:	Targa	Site Manager:		Brittar	ny L	ong					JOOH-21102-0001 ANALYSIS REQUEST								- 0/20						
Project Name:	Coyote Compressor Station		(432) 741 brittany.lo		trate	ech.c	com				١,	1	(Ci	rcle	or	· Sp	eci	fy I	Viet 	hoc 	I No	o.)		1	12023
County, state)	n: Eddy County, NM	Project #:		21:	2C-I	MD-0	3217															list)			1:2/:
voice to:	Targa	Io I . o:												Se Hg								tached			02 F.W
Beceiving Labo	Envirotech Inc.	Sampler Signa	ture:	Mig	guel	I A. F	lores				e l	ORO)		Cr Pb S				55				see at			-
Comments:											X	C35)		Ba Cd C			624	270C/6			TDS	mistry (	9		
		SAMPLING		MATRIX		X PRESERVATIVE METHOD		RVATIVE SHOD		(N)	BTE	GRO-		Ag As E	s	olatiles	3260B /	Vol. 8.		(S)	ulfate	er Che	Balan		
LAB #	SAMPLE IDENTIFICATION	YEAR: 2023	TIME	WATER SOIL		HCL	CE		# CONTAINERS	FILTERED (Y/N)		IPH 1X1005 (Ext to TPH 8015M ( GRO -	PAH 8270C	TOLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	LP Semi V	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625 PCR's 8082 / 608	NORM	PLM (Asbestos)	lloride S	General Water Chemi	iion/Cation		Hold
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Printed: 9/5/2023 12:29:35PM

#### **Envirotech Analytical Laboratory**

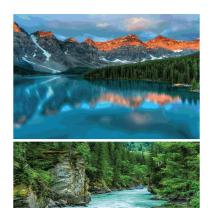
Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Targa	Date Received:	09/05/23 08	8:15		Work Order ID:	E309019
Phone:	(432) 999-8675	Date Logged In:	09/05/23 09	9:37		Logged In By:	Caitlin Mars
Email:	brittany.long@tetratech.com	Due Date:	09/11/23 17	7:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>Courier</u>		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			Comment	s/Resolution
Sample T	urn Around Time (TAT)			[			
	COC indicate standard TAT, or Expedited TAT?		Yes		Time sampl	ed not provi	ded on COC per
Sample C	Cooler				client.		
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
	were custody/security seals intact?						
•		: - 60120C	NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
	Container		_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	9	Yes				
	appropriate volume/weight or number of sample contain		Yes				
		ners conecteur	108				
Field Lal	field sample labels filled out with the minimum info	rmation:					
	ample ID?	mation.	Yes				
	ate/Time Collected?		Yes	l			
	ollectors name?		No				
Sample I	<u>reservation</u>						
21. Does	the COC or field labels indicate the samples were pr	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
	, does the COC specify which phase(s) is to be analy		NA				
	act Laboratory	•					
	amples required to get sent to a subcontract laborato	en r9	No				
	subcontract laboratory specified by the client and it	•		Subcontract Lab	o: na		
Client II	<u>istruction</u>						

Report to:
Brittany Long







5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

# Targa

Project Name: Coyote Compressor Station

Work Order: E309020

Job Number: 21102-0001

Received: 9/5/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/11/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/11/23

Brittany Long 12600 WCR 91 Midland, TX 79707

Project Name: Coyote Compressor Station

Workorder: E309020

Date Received: 9/5/2023 8:15:00AM

Brittany Long,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/5/2023 8:15:00AM, under the Project Name: Coyote Compressor Station.

The analytical test results summarized in this report with the Project Name: Coyote Compressor Station apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

T 1 4 A

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West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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#### **Sample Summary**

	Targa	Project Name:	Coyote Compressor Station	Reported:
١	12600 WCR 91	Project Number:	21102-0001	Reported.
	Midland TX, 79707	Project Manager:	Brittany Long	09/11/23 10:47

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
AH-1 (0-1')	E309020-01A Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-1 (1-1.5')	E309020-02A Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-2 (0-1')	E309020-03A Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-2 (1-1.5')	E309020-04A Soil	08/30/23	09/05/23	Glass Jar, 4 oz.



Targa	Project Name:	Coyote Compressor Station	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 10:47:01AM

#### AH-1 (0-1') E309020-01

		E307020-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2336040
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	09/06/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2336040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	09/06/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2336059
Diesel Range Organics (C10-C28)	149	25.0	1	09/06/23	09/08/23	T17
Oil Range Organics (C28-C36)	445	50.0	1	09/06/23	09/08/23	T17
Surrogate: n-Nonane		101 %	50-200	09/06/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2336055
Chloride	ND	20.0	1	09/06/23	09/08/23	



Targa	Project Name:	Coyote Compressor Station	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 10:47:01AM

#### AH-1 (1-1.5')

<b>E3</b>	09	020	-02
	ひノ	U 24 U	-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2336040
Benzene	ND	0.0250	1	09/06/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/08/23	
Toluene	ND	0.0250	1	09/06/23	09/08/23	
o-Xylene	ND	0.0250	1	09/06/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/08/23	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	09/06/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2336040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	09/06/23	09/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2336059
Diesel Range Organics (C10-C28)	89.9	25.0	1	09/06/23	09/08/23	T17
Oil Range Organics (C28-C36)	151	50.0	1	09/06/23	09/08/23	T17
Surrogate: n-Nonane		101 %	50-200	09/06/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2336055
	ND	200	10	09/06/23	09/08/23	



Targa	Project Name:	Coyote Compressor Station	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 10:47:01AM

### AH-2 (0-1')

		E309020-03						
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg mg/kg Analys		yst: IY		Batch: 2336040			
Benzene	ND	0.0250	1	09/06/23	09/08/23			
Ethylbenzene	ND	0.0250	1	09/06/23	09/08/23			
Toluene	ND	0.0250	1	09/06/23	09/08/23			
o-Xylene	ND	0.0250	1	09/06/23	09/08/23			
p,m-Xylene	ND	0.0500	1	09/06/23	09/08/23			
Total Xylenes	ND	0.0250	1	09/06/23	09/08/23			
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	09/06/23	09/08/23			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2336040		
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/08/23			
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	09/06/23	09/08/23			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2336059		
Diesel Range Organics (C10-C28)	ND	25.0	1	09/06/23	09/08/23			
Oil Range Organics (C28-C36)	73.1	50.0	1	09/06/23	09/08/23			
Surrogate: n-Nonane		104 %	50-200	09/06/23	09/08/23			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2336055		
Chloride	291	200	10	09/06/23	09/10/23			



Targa	Project Name:	Coyote Compressor Station	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 10:47:01AM

#### AH-2 (1-1.5')

#### E309020-04

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2336040
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	09/06/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2336040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	09/06/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2336059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/06/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/23	09/08/23	
Surrogate: n-Nonane		104 %	50-200	09/06/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2336055
Chloride	207	200	10	09/06/23	09/10/23	



		QC Si	umm	ary Dat	а 				
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:	2	Coyote Compre 21102-0001 Brittany Long	essor Statio	on		9/11	<b>Reported:</b> 1/2023 10:47:01AM
middle 111, 77707					14D				
		Volatile O	rganics	by EPA 802	21B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336040-BLK1)							Prepared: 0	9/06/23 Anal	yzed: 09/07/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			
LCS (2336040-BS1)							Prepared: 0	9/06/23 Anal	yzed: 09/07/23
Benzene	4.28	0.0250	5.00		85.6	70-130			
Ethylbenzene	4.28	0.0250	5.00		85.6	70-130			
Toluene	4.41	0.0250	5.00		88.2	70-130			
o-Xylene	4.31	0.0250	5.00		86.2	70-130			
p,m-Xylene	8.74	0.0500	10.0		87.4	70-130			
Total Xylenes	13.0	0.0250	15.0		87.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.35		8.00		91.9	70-130			
Matrix Spike (2336040-MS1)				Source:	E309014-	01	Prepared: 0	9/06/23 Anal	yzed: 09/07/23
Benzene	4.63	0.0250	5.00	ND	92.6	54-133			
Ethylbenzene	4.63	0.0250	5.00	ND	92.6	61-133			
Toluene	4.66	0.0250	5.00	ND	93.1	61-130			
o-Xylene	4.63	0.0250	5.00	ND	92.5	63-131			
p,m-Xylene	9.44	0.0500	10.0	ND	94.4	63-131			
Total Xylenes	14.1	0.0250	15.0	ND	93.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.7	70-130			
Matrix Spike Dup (2336040-MSD1)				Source:	E309014-	01	Prepared: 0	9/06/23 Anal	yzed: 09/07/23
Benzene	4.47	0.0250	5.00	ND	89.3	54-133	3.59	20	
Ethylbenzene	4.50	0.0250	5.00	ND	89.9	61-133	3.00	20	
Toluene	4.51	0.0250	5.00	ND	90.2	61-130	3.20	20	
o-Xylene	4.49	0.0250	5.00	ND	89.9	63-131	2.92	20	
p,m-Xylene	9.15	0.0500	10.0	ND	91.5	63-131	3.10	20	
Total Xylenes	13.6	0.0250	15.0	ND	90.9	63-131	3.04	20	
			0.00		00.7	70.100			



70-130

Surrogate: 4-Bromochlorobenzene-PID

Targa 12600 WCR 91	Project Name: Project Number:	Coyote Compressor Station 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 10:47:01AM

Midland TX, 79707		Project Manage	r: Br	rittany Long				9/1	1/2023 10:47:01AM
	Noi	nhalogenated	Organics	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336040-BLK1)							Prepared: 0	9/06/23 Ana	lyzed: 09/07/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.2	70-130			
LCS (2336040-BS2)							Prepared: 0	9/06/23 Ana	lyzed: 09/07/23
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.3	70-130			
Matrix Spike (2336040-MS2)				Source:	E309014-	01	Prepared: 0	9/06/23 Ana	lyzed: 09/07/23
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			
Matrix Spike Dup (2336040-MSD2)				Source:	E309014-	01	Prepared: 0	9/06/23 Ana	lyzed: 09/07/23
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.9	70-130	5.27	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.2	70-130			



Targa 12600 WCR 91	Project Name: Project Number:	Coyote Compressor Station 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 10:47:01AM

Midland TX, 79707		Project Manage	r: Br	ittany Long					9/11/2023 10:47:01AM
	Nonhal	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336059-BLK1)							Prepared: 0	9/06/23 A	Analyzed: 09/07/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	50-200			
LCS (2336059-BS1)							Prepared: 0	9/06/23 A	Analyzed: 09/07/23
Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	50.3		50.0		101	50-200			
Matrix Spike (2336059-MS1)				Source:	E308244-	03	Prepared: 0	9/06/23 A	Analyzed: 09/07/23
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	51.6		50.0		103	50-200			
Matrix Spike Dup (2336059-MSD1)				Source:	E308244-	03	Prepared: 0	9/06/23 A	Analyzed: 09/07/23
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132	0.915	20	
Gurrogate: n-Nonane	52.5		50.0		105	50-200			



Targa 12600 WCR 91		Project Name: Project Number:		Coyote Compre	ssor Statio	n			Reported:
Midland TX, 79707		Project Manager:		Brittany Long					9/11/2023 10:47:01AM
		Anions	by EPA	300.0/9056	4				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336055-BLK1)							Prepared: 0	9/06/23	Analyzed: 09/08/23
Chloride	ND	20.0							
LCS (2336055-BS1)							Prepared: 0	9/06/23	Analyzed: 09/08/23
Chloride	242	20.0	250		96.9	90-110			
Matrix Spike (2336055-MS1)				Source:	E309018-0	01	Prepared: 0	9/06/23	Analyzed: 09/08/23
Chloride	329	200	250	ND	132	80-120			M2
Matrix Spike Dup (2336055-MSD1)				Source:	E309018-0	01	Prepared: 0	9/06/23	Analyzed: 09/08/23
Chloride	247	200	250	ND	98.9	80-120	28.5	20	

#### QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



## **Definitions and Notes**

Targa	Project Name:	Coyote Compressor Station	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brittany Long	09/11/23 10:47

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

T17 The sample chromatographic pattern does not resemble the typical fuel standard used for quantitation.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



eleas																								
analysis R	equest of Chain of Custody Record																			Page	e _		<u>1</u> o	of
Tt-	Tetra Tech, Inc.			9			eet, Ste 1 as 79701	00									U	$\infty$	#	E	30	70	20	
	)					(432) 68 (432) 6	82-4559 82-3946										7	100	开	21	102	-0	100	
Client Name:	Targa	Site Manager:		Britta	any l	Long			-		Г				ANA	ALY	-	REC					-	
oject Name:	Coyote Compressor Station		(432) 741 brittany.lo			toch	com				١,	1	(Ci	rcle	or	Sp	eci	fy N	/letl	nod	l No	.)	1 1	1 1
oject Locatio	n: Eddy County, NM	Project #:	Dittary.ic				03217	7											П			t)		
voice to:	Targa										1			- B								shed lis		0
Receiving Labo		Sampler Sign	ature:	М	ligue	el A. I	Flores	;				ORO)	H CO H	Pb Se Hg								se attac		1 2
Comments:							-				8260B	DRO-0	20 80	5 5			24	,0C/625			TDS	istry (se		
	T	SAMP	LING	MAT	RIX	P	RESERV		SS SS	2	BTEX	8015M ( GRO - [	0 0	g As Ba		atiles	9 / B097	70l. 827 308			lfate	Chem		
LAB#	SAMPLE IDENTIFICATION	YEAR: 2023		~	T	$\Box$	П	T	AINE	(Y	8021B	) WS	000	tals A	atiles	W   W	ol. 82	Semi. Vol. 8082 / 608		estos	l <sub>S</sub>	Water		
( LAB USE ONLY		DATE	TIME	WATER		HCL	HNO3		# CONTAINERS	FILTERED (Y/N)	BTEX 80		PAH 8270C	TCLP Metals Ag As Ba Cd	TCLP Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS S PCB's 80	NORM	PLM (Asbestos) Chloride	Chloride Sulfate TDS	General Water Chemi Anion/Cation Balance		PloH
1	AH-1 (0-1')	8/30/2023		X	1		×		46	-	X	X	-			-   "			2	X		2 4	$\vdash$	╁┼
2	AH-1 (1-1.5')	8/30/2023		×		П	x				x	x		$\top$	$\sqcap$		П	1	П	x	$\sqcap$	T	H	
3	AH-2 (0-1')	8/30/2023		×			x				х	x			$\Box$				$\sqcap$	×	$\Box$	1		
4	AH-2 (1-1.5')	8/30/2023		x			х				х	x							П	x	П			
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Printed: 9/5/2023 12:32:56PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

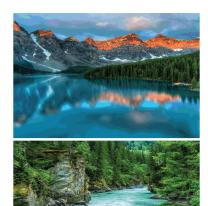
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Targa	Date Received:	09/05/23 08	:15	,	Work Order ID:	E309020
Phone:	(432) 999-8675	Date Logged In:	09/05/23 09	:38	]	Logged In By:	Caitlin Mars
Email:	brittany.long@tetratech.com	Due Date:	09/11/23 17	:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does th	e sample ID match the COC?		Yes				
2. Does th	e number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No				
5. Were al	I samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi					Comments	s/Resolution
Sample T	urn Around Time (TAT)			ĺ			
	COC indicate standard TAT, or Expedited TAT?		Yes		Time sample	ed not provi	ded on COC per
Sample C	Cooler_				client.		
7. Was a s	ample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
	were custody/security seals intact?		NA				
-	e sample received on ice? If yes, the recorded temp is 4°C.	ie 6°+2°C	Yes				
12. was the	Note: Thermal preservation is not required, if samples ar	*	ies				
	minutes of sampling						
13. If no v	visible ice, record the temperature.  Actual sample	temperature: 4°0	<u>C</u>				
Sample C	Container						
14. Are ac	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>oel</u>						
20. Were	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	'			
	ollectors name?		No				
	reservation the COC or field labels indicate the semples were re-		NI-				
	the COC or field labels indicate the samples were property of the company of the	reserved?	No				
	umple(s) correctly preserved? filteration required and/or requested for dissolved n	aatala9	NA No				
	1	ictais:	No				
	se Sample Matrix	0					
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
28. Are sa	imples required to get sent to a subcontract laborato	ry?	No				
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA S	Subcontract Lab	o: na		
Client In	struction						
	<u> </u>						
L_							

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Brittany Long







5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

# Targa

Project Name: Coyote Compressor Station

Work Order: E309021

Job Number: 21102-0001

Received: 9/5/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/11/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/11/23

**Brittany Long** 12600 WCR 91 Midland, TX 79707

Project Name: Coyote Compressor Station

Workorder: E309021

Date Received: 9/5/2023 8:15:00AM

Brittany Long,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/5/2023 8:15:00AM, under the Project Name: Coyote Compressor Station.

The analytical test results summarized in this report with the Project Name: Coyote Compressor Station apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762 whinchman@envirotech-inc.com Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

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Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Technical Representative

Rayny Hagan

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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#### **Sample Summary**

Γ	Targa	Project Name:	Coyote Compressor Station	Reported:
1	12600 WCR 91	Project Number:	21102-0001	Reported:
	Midland TX, 79707	Project Manager:	Brittany Long	09/11/23 10:48

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
AH-1 (2-2.5')	E309021-01A Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-1 (3-3.5')	E309021-02A Soil	08/30/23	09/05/23	Glass Jar, 4 oz.



Targa Project Name: Coyote Compressor Station

 12600 WCR 91
 Project Number:
 21102-0001
 Reported:

 Midland TX, 79707
 Project Manager:
 Brittany Long
 9/11/2023 10:48:48AM

#### AH-1 (2-2.5') E309021-01

		E309021-01				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilut	ion rrepared	Allalyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	analyst: RKS		Batch: 2336027
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		104 %	70-130	09/06/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	09/06/23	09/07/23	
Surrogate: Toluene-d8		107 %	70-130	09/06/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	analyst: RKS		Batch: 2336027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		104 %	70-130	09/06/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	09/06/23	09/07/23	
Surrogate: Toluene-d8		107 %	70-130	09/06/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	analyst: KM		Batch: 2336059
Diesel Range Organics (C10-C28)	200	25.0	1	09/06/23	09/08/23	T17
Oil Range Organics (C28-C36)	315	50.0	1	09/06/23	09/08/23	T17
Surrogate: n-Nonane		102 %	50-200	09/06/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	analyst: BA		Batch: 2336055
Chloride	ND	200	10	09/06/23	09/10/23	



TargaProject Name:Coyote Compressor Station12600 WCR 91Project Number:21102-0001Reported:Midland TX, 79707Project Manager:Brittany Long9/11/2023 10:48:48AM

#### AH-1 (3-3.5')

#### E309021-02

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2336027
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		107 %	70-130	09/06/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		90.4 %	70-130	09/06/23	09/07/23	
Surrogate: Toluene-d8		106 %	70-130	09/06/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2336027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		107 %	70-130	09/06/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		90.4 %	70-130	09/06/23	09/07/23	
Surrogate: Toluene-d8		106 %	70-130	09/06/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2336059
Diesel Range Organics (C10-C28)	70.1	25.0	1	09/06/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/23	09/08/23	
Surrogate: n-Nonane		129 %	50-200	09/06/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: BA		Batch: 2336055



Coyote Compressor Station Targa Project Name: Reported: 12600 WCR 91 Project Number: 21102-0001 Midland TX, 79707 Project Manager: Brittany Long 9/11/2023 10:48:48AM **Volatile Organic Compounds by EPA 8260B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2336027-BLK1) Prepared: 09/06/23 Analyzed: 09/06/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.532 0.500 106 70-130 Surrogate: 1,2-Dichloroethane-d4 0.480 0.500 95.9 70-130 0.500 104 70-130 Surrogate: Toluene-d8 0.521 LCS (2336027-BS1) Prepared: 09/06/23 Analyzed: 09/06/23 2.83 0.0250 2.50 113 70-130 Benzene 2.50 111 70-130 2.77 Ethylbenzene 0.0250 2.85 0.0250 2.50 114 70-130 70-130 2.83 0.0250 2.50 113 o-Xylene 5.60 5.00 112 70-130 p,m-Xylene 0.0500 8.43 0.0250 7.50 112 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.519 0.500 104 70-130 0.500 94.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.474 70-130 Surrogate: Toluene-d8 0.535 0.500 Matrix Spike (2336027-MS1) Source: E309029-21 Prepared: 09/06/23 Analyzed: 09/06/23 2.71 0.0250 2.50 ND 48-131 45-135 Ethylbenzene 2.73 0.0250 2.50 ND 109 ND 48-130 Toluene 2.78 0.0250 2.50 111 2.91 0.0250 2.50 ND 116 43-135 o-Xylene 5.77 5.00 ND 115 43-135 p,m-Xylene 0.0500 Total Xylenes 8.68 0.0250 7.50 ND 116 43-135 Surrogate: Bromofluorobenzene 0.531 0.500 106 70-130 0.500 96.0 70-130 Surrogate: 1,2-Dichloroethane-d4 0.480 0.500 70-130 0.534 Surrogate: Toluene-d8 Matrix Spike Dup (2336027-MSD1) Source: E309029-21 Prepared: 09/06/23 Analyzed: 09/06/23 2.75 0.0250 2.50 ND 110 48-131 1.78 23 2.79 0.0250 2.50 ND 112 45-135 1.94 27 Ethylbenzene 2.82 ND 48-130 1.48 24 2.50 113 Toluene 0.0250 o-Xylene 2.93 0.0250 2.50 ND 117 43-135 0.753 27 5.00 ND 115 43-135 0.0173 27 5.77 0.0500 p,m-Xylene 27 8.71 0.0250 7.50 ND 116 43-135 0.265 Total Xylenes Surrogate: Bromofluorobenzene 0.532 0.500 106 70-130 0.500 90.6 70-130 Surrogate: 1,2-Dichloroethane-d4 0.453



0.500

70-130

0.531

Surrogate: Toluene-d8

Surrogate: Toluene-d8

## **QC Summary Data**

TargaProject Name:Coyote Compressor StationReported:12600 WCR 91Project Number:21102-0001Midland TX, 79707Project Manager:Brittany Long9/11/2023 10:48:48AM

Midland TX, 79707		Project Number: Project Manager		ittany Long					9/11/2023 10:48:48A
	Non	halogenated (	Organics l	by EPA 801	5D - GR	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336027-BLK1)							Prepared: 09	9/06/23	Analyzed: 09/06/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			
LCS (2336027-BS2)							Prepared: 09	9/06/23	Analyzed: 09/06/23
Gasoline Range Organics (C6-C10)	58.7	20.0	50.0		117	70-130			
Surrogate: Bromofluorobenzene	0.536		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.1	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			
Matrix Spike (2336027-MS2)				Source:	E309029-2	1	Prepared: 09	9/06/23	Analyzed: 09/06/23
Gasoline Range Organics (C6-C10)	51.6	20.0	50.0	ND	103	70-130			
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			
Matrix Spike Dup (2336027-MSD2)				Source:	E309029-2	1	Prepared: 09	9/06/23	Analyzed: 09/06/23
Gasoline Range Organics (C6-C10)	59.6	20.0	50.0	ND	119	70-130	14.4	20	
Surrogate: Bromofluorobenzene	0.534		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			

0.500

0.545

109

70-130



Targa	Project Name:	Coyote Compressor Station	Reported:
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 10:48:48AM

Midland TX, 79707		Project Manage	r: Br	ittany Long					9/11/2023 10:48:48AM		
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: KM											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2336059-BLK1)							Prepared: 0	9/06/23 <i>A</i>	Analyzed: 09/07/23		
Diesel Range Organics (C10-C28)	ND	25.0									
Dil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	51.6		50.0		103	50-200					
LCS (2336059-BS1)							Prepared: 0	9/06/23 A	Analyzed: 09/07/23		
Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132					
Surrogate: n-Nonane	50.3		50.0		101	50-200					
Matrix Spike (2336059-MS1)				Source:	E308244-	03	Prepared: 0	9/06/23 A	Analyzed: 09/07/23		
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132					
Surrogate: n-Nonane	51.6		50.0		103	50-200					
Matrix Spike Dup (2336059-MSD1)				Source:	E308244-	03	Prepared: 0	9/06/23 A	Analyzed: 09/07/23		
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132	0.915	20			
Gurrogate: n-Nonane	52.5		50.0		105	50-200					



Targa 12600 WCR 91	Project Name: Project Number:		Coyote Compre	ssor Station			Reported:				
Midland TX, 79707		Project Manager:		Brittany Long					9/11/2023 10:48:48AM		
	Analyst: BA										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2336055-BLK1)							Prepared: 0	9/06/23 A	nalyzed: 09/08/23		
Chloride	ND	20.0									
LCS (2336055-BS1)							Prepared: 0	9/06/23 A	nalyzed: 09/08/23		
Chloride	242	20.0	250		96.9	90-110					
Matrix Spike (2336055-MS1)				Source:	E309018-0	)1	Prepared: 0	9/06/23 A	nalyzed: 09/08/23		
Chloride	329	200	250	ND	132	80-120			M2		
Matrix Spike Dup (2336055-MSD1)				Source:	E309018-0	)1	9/06/23 A	06/23 Analyzed: 09/08/23			
Chloride	247	200	250	ND	98.9	80-120	28.5	20			

#### QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



#### **Definitions and Notes**

	Targa	Project Name: Coyote Compressor Station	
١	12600 WCR 91	Project Number: 21102-0001	Reported:
١	Midland TX, 79707	Project Manager: Brittany Long	09/11/23 10:48

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

T17 The sample chromatographic pattern does not resemble the typical fuel standard used for quantitation.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



elease																								eceive
Analysis Request of Chain of Custody Record  Tetra Tech, Inc.			Ş	Midlar Tel (	nd,Tex (432) 6	eet, Ste as 7970 82-4559 82-3946			**************************************											30	96			## OCD: I
Client Name: Targa	Site Manager:		Britta	any L			-			Т				Α	NAI			EQU					1	10/20
Project Name: Coyote Compressor Station		32) 741- ttany.loi	5813	3						1	1 1	(	Circ	le l	or S	Spe 	cify	Me	tho	d N	lo.)	1.1	- 1	1/2023
roject Location: County, state) Eddy County, NM	Project #:	ttarry no.			-	0321	7			1											st)			1:2/
gvoice to: Targa										1			ą.	Hg							iched li			:02 F
Receiving Laboratory: Envirotech Inc.	Sampler Signatur	re:	N	ligue	IA.	Flore	S			٦_		ORO)	Pb Se P	Pb Se			2				ee atta			M
Comments:										8260B	1 1	DRO-0	Total Metals Ag As Ba Cd Cr Pb Se Hg	a Cd Cr			8270C/625			TDS	General Water Chemistry (see attached list)			
	SAMPLIN	IG	MAT	TRIX	P	RESER		0	2 2	BTEX	Ext to	GRO.	J As Ba	g As B	latiles	1000	GC/MS Semi. Vol. 82700	808	(3)	Sulfate	r Cherr	galance		
LAB # SAMPLE IDENTIFICATION	YEAR: 2023		22	П	П			- SONITATIVE OF	FILTERED (Y/N)	8021B	TX1005 (	-	etals A	TCLP Metals A	TCLP Semi Volatiles		GC/MS Semi. Vol. 8	8082 / 6	PLM (Asbestos)	e d	Il Wate	anon		
( LAB USE ONLY )	DATE	TIME	WATER		건	E HO3		1	FILTER	BTEX 8	TPH T	TPH 8015M	Fotal M	TCLPN	CCLPS	RCI	3C/MS	PCB's	PLM (A	Chloride	Genera	MIDILIN		Hold
AH-1 (2-2.5')	8/30/2023		x			x		T		×		x	+	Ť	Ť					x	1	+		T-
Z AH-1 (3-3.5')	8/30/2023		x			x		T		х		x		T			$\top$		1	x	$\top$	$\top$		T
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Relinquished by:  Date: Time:  4 Course 91-23 1645	Received by:	V	114	40	-	٠١٠٢	-	84	15	Sa		Temp	oeratu	re				Same rges /			hr 48 I	hr 7	72 hr	
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	ORIGINAL C	OPY								(Ci	rcle)	HAN	D DEL	IVER	ED	FEDE	X UI	PS T	Frackin	ig #: _				200

Printed: 9/5/2023 12:36:44PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Targa	Date Received:	09/05/23 08:	15		Work Order ID:	E309021
Phone:	(432) 999-8675	Date Logged In:	09/05/23 09:	40		Logged In By:	Caitlin Mars
Email:	brittany.long@tetratech.com	Due Date:	09/11/23 17:	00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location mat	ch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	No				
5. Were al	Il samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic		Yes			Comment	s/Resolution
Sample T	urn Around Time (TAT)						
	COC indicate standard TAT, or Expedited TAT?		Yes		Time samp	oled not provi	ded on COC per
Sample C	Cooler				client.		
	sample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
	were custody/security seals intact?		NA				
•	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are		Yes				
13. If no v	minutes of sampling visible ice, record the temperature. Actual sample		<u>C</u>				
Sample C	Container						
	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?	•	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	el						
	field sample labels filled out with the minimum info	rmation:					
Sa	ample ID?		Yes				
	ate/Time Collected?		Yes				
	ollectors name?		No				
	reservation	10	2.7				
	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?	-4-1-9	NA				
	filteration required and/or requested for dissolved m	ietais?	No				
	se Sample Matrix	_					
	the sample have more than one phase, i.e., multiphas		No				
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
28. Are sa	imples required to get sent to a subcontract laborator	ry?	No				
29. Was a	subcontract laboratory specified by the client and if	so who?	NA S	ubcontract Lab	o: na		
Client In	astruction_						
	<u></u>						

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

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

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

CONDITIONS

Action 277777

#### **CONDITIONS**

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	277777
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
bhall	Closure approved under the closure standards approved in the workplan and approved deferral.	10/31/2023
bhall	The report included an initial C-141 that refers to 2RP-1825. This RP# is associated with incident #NJMW1322640868, if this report is intended to close 2RP-1825/NJMW1322640868 it will need to be submitted through the OCD Permitting website under that incident number.	10/31/2023