District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 to accordance with 19.15.29 NMAC.

		Release Notification and Corrective Action										
						OPERA?	ГOR		☐ Initi	al Report	$\boxtimes$	Final Report
Name of Co							ndsay Dumas					
		St. Houston		002			No. (281)794-9	9159				
Facility Nar	ne: Medi	o Canyon 7				Facility Type: Oil Well						
Surface Ow	ner Jica	rilla		Mineral O	wner .	Jicarilla			API N	0.30039250	89	
				LOCA	OIT	N OF RE	LEASE					
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the		West Line	County		
E	35	24N	04W	2310'	]	North	660		West	Rio Arrib	<b>a</b>	
				Latitude <u>36</u>	.26764	Longitud	e <u>-107.23267</u>					
				NAT	URE	OF REL	EASE					
Type of Rele						Volume of				Recovered	2 bt	
Source of Re	Source of Release Low side of separator			1	lour of Occurrenc	ce	Date and 10/9/17	Hour of Dis	covery			
Was Immediate Notice Given?			10/7/18 – If YES, To			10/9/17						
Was infinediate Notice Given?  ☐ Yes ☐ No ☐ Not Required					Jicarilla	Whom:						
By Whom? Lisa Hunter						Iour 10/10/17						
Was a Water	Was a Watercourse Reached?					lume Impacting t	the Wate	ercourse.				
		□ `	Yes 🛛 1	No		N/A						
Describe Cau The release area; 2 bbls	use of Proble was from a	em and Reme a hole in the	lial Action		of the	separator. T	he heavy oil spr	ayed or	n location	, covering a	ı large	surface
Describe Are Analytical res				ten.* ndards no further	r action	required. Att	ached are samplin	ng maps	and analy	tical results f	or revie	ew.
regulations all public health should their of	Il operators or the envir operations h nment. In a	are required to conment. The ave failed to a ddition, NMC	report an acceptance dequately CD accep	is true and complete of a C-141 report investigate and retained for a C-141 report investigate and retained of a C-141 retained for a C	elease no rt by the emediate	otifications as NMOCD m contaminati	nd perform correct arked as "Final Ro on that pose a thro	ctive acti eport" d eat to gr	ions for rel loes not rel round wate	eases which ieve the oper r, surface wa	may er ator of ter, hu	ndanger `liability man health
Signature:	imdoa	y D	ima				OIL CON	SERV			N	-
Printed Name	: Lindsay	Dumas				Approved by	Environmental S <sub>1</sub>	pecialist		E/X		
Title: Enviro	onmental S	pecialist				Approval Dat	. /0./		Expiration	Date:		
E-mail Addre	ess: Lduma	s@hilcorp.co	om			Conditions of	Approval:			Attached	<b>-</b>	
Date: 11/8/2	017		P	hone: (281)794-9	159							
' Attach Addit	tional Shee	ets If Necess	ary#N	x5 1731	113	२०१२						

LIOZ & I AON OIF CONS. DIV DIST. 3



# Animas Environmental Services, LLC



November 1, 2017

Lindsay Dumas Hilcorp Energy Company Idumas@hilcorp.com (832) 839-4585

RE: Final Excavation Report

Medio Canyon 7

Rio Arriba County, New Mexico

Dear Ms. Dumas:

On October 24, 2017, Animas Environmental Services, LLC (AES) completed an environmental clearance of the final shallow excavation limits at the Hilcorp Energy Company (Hilcorp) Medio Canyon 7, located in Rio Arriba County, New Mexico. The release was a result of a hole in a fire tube on the separator at the location, which resulted in condensate being sprayed on the ground surface to the north and east sides of the separator. The final excavation was completed by Hilcorp contractors prior to AES' arrival on location at the location on October 24, 2017.

### 1.0 Site Information

#### 1.1 Location

Site Name – Medio Canyon 7
Legal Description – SW¼ NW¼, Section 35, T24N, R4W, Rio Arriba County, New Mexico Well Latitude/Longitude – N36.26775 and W107.23268, respectively Release Latitude/Longitude – N36.26765 and W107.23283, respectively Land Jurisdiction – Jicarilla Apache Nation Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, October 2017

#### 1.2 JANOGA Action Levels

The Medio Canyon 7 release is located on Jicarilla Apache Nation lands, and soil remediation action levels are determined by the Jicarilla Apache Nation Oil and Gas Administration (JANOGA). JANOGA action levels for soils currently follow the New Mexico Oil Conservation Division (NMOCD) *Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993). Per JANOGA, all

604 W. Piñon St. Farmington, NM 87401 505-564-2281

> 1911 Main, Ste 206 Durango, CO 81301 970-403-3084

www.animasenvironmental.com

locations within Jicarilla Apache Nation lands receive a ranking score of 20. Action levels are:

- 10 mg/kg benzene and 50 mg/kg total benzene, toluene, ethylbenzene, and xylene (BTEX); and
- 100 mg/kg total petroleum hydrocarbons (TPH).

#### 1.3 Assessment

AES was initially contacted by Lindsay Dumas of Hilcorp on October 19, 2017, and on October 24, 2017, Corwin Lameman and Elizabeth McNally of AES completed the excavation field work. The field sampling activities included collection of seven confirmation soil samples (SC-1 through SC-7) from the shallow scraped and excavated areas (approximately 0.5 ft in depth) along the access road and wellpad. Sample locations and final shallow excavation extents are presented on Figure 3.

## 2.0 Soil Sampling

### 2.1 Field Sampling

#### 2.1.1 Volatile Organic Compounds

Field screening for volatile organic compound (VOC) vapors was conducted with a photo-ionization detector (PID) organic vapor meter (OVM). Before beginning field screening, the PID-OVM was first calibrated with 100 parts per million (ppm) isobutylene gas.

#### 2.1.2 Total Petroleum Hydrocarbons

Soil samples were also analyzed in the field for total petroleum hydrocarbons (TPH) per U.S. Environmental Protection Agency (USEPA) Method 418.1 using a Buck Scientific Model HC-404 Total Hydrocarbon Analyzer Infrared Spectrometer (Buck). A 3-point calibration was completed prior to conducting soil analyses. Field analytical protocol followed AES' Standard Operating Procedure: Field Analysis Total Petroleum Hydrocarbons per EPA Method 418.1.

## 2.2 Laboratory Analyses

The soil samples collected for laboratory analysis were placed into new, clean, laboratory-supplied containers, which were then labeled, placed on ice, and logged onto sample chain of custody records. Samples were maintained on ice until delivery to the analytical laboratory, Hall Environmental Analysis Laboratory (Hall) in Albuquerque, New Mexico. All soil samples were laboratory analyzed for:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per USEPA Method 8021B; and
- TPH for gasoline range organics (GRO), diesel range organics (DRO), and motor oil range organics (MRO) per USEPA Method 8015D.

## 2.3 Field and Laboratory Analytical Results

Field sampling results and laboratory analytical results are summarized in Tables 1 and 2, respectively, and on Figures 3. The AES Field Sampling Report and laboratory analytical report are attached.

Table 1. Soil Field VOCs and TPH Results

Medio Canyon 7 Final Excavation, October 2017

Sample ID	Date Sampled	Sample Depth (ft)	VOCs OVM Reading (ppm)	Field TPH (418.1) (mg/kg)
	JANC	OGA Action Level*	100	100
SC-1	10/24/17	0.5	0.0	115
SC-2	10/24/17	0.5	0.0	37.8
SC-3	10/24/17	0.5	0.0	98.4
SC-4	10/24/17	0.5	0.0	99.8
SC-5	10/24/17	0.5	2.7	86.0
SC-6	10/24/17	0.5	0.0	70.9
SC-7	10/24/17	0.5	0.0	48.9

<sup>\*</sup>Action level determined by JANOGA (Ref. NMOCD ranking score of 20 per NMOCD Guidelines for Remediation of Leaks, Spills, and Releases (August 1993) and NMAC 19.15

Table 2. Soil Laboratory Analytical Results – Benzene, Total BTEX and TPH Medio Canyon 7 Final Excavation, October 2017

		Sample	.,	Total	TPH-	TPH-	ТРН-
Sample ID	Date Sampled	Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)
	IANOGA Actio	on Level*	10	50		100	
SC-1	10/24/17	0.5	<0.017	<0.152	<3.4	10	<45
SC-2	10/24/17	0.5	<0.017	<0.156	<3.5	<10	<51
SC-3	10/24/17	0.5	<0.017	<0.153	<3.4	20	<49
SC-4	10/24/17	0.5	<0.016	<0.148	<3.3	14	<50

Sample ID	Date Sampled	Sample Depth (ft bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH- GRO (mg/kg)	TPH- DRO (mg/kg)	TPH- MRO (mg/kg)
	JANOGA Actio	on Level*	10	50		100	
SC-5	10/24/17	0.5	<0.016	<0.140	<3.1	<9.5	<48
SC-6	10/24/17	0.5	<0.016	<0.143	<3.2	24	<49
SC-7	10/24/17	0.5	<0.016	<0.144	<3.2	<9.9	<49

<sup>\*</sup>Action level determined by JANOGA (Ref. NMOCD ranking score of 20 per NMOCD Guidelines for Remediation of Leaks, Spills, and Releases (August 1993) and NMAC 19.15).

### 3.0 Conclusions and Recommendations

On October 24, 2017, final clearance of the excavation area was completed. Action levels for releases are determined by JANOGA and currently reflect a site ranking of 20 per *NMOCD Guidelines for Remediation of Leaks, Spills and Releases* (August 1993). Field sampling results of the excavation extents showed field TPH concentrations were below the applicable NMOCD action level of 100 mg/kg for all samples except SC-1 (Road Edge) with 115 mg/kg. Field TPH concentrations analyzed on-site per USEPA Method 418.1 are believed to reflect the presence of pollen and other fine-grained plant material at near surface depths. Laboratory analytical results, however, reported benzene, total BTEX, and TPH concentrations (as GRO/DRO/MRO) in all samples as below NMOCD action levels.

Based on the final field sampling and laboratory analytical results of the surface scraping and shallow excavation of petroleum contaminated soils at the Medio Canyon 7, benzene, total BTEX, and TPH concentrations were below the applicable JANOGA/NMOCD action levels for the base of the shallow excavation. No further work is recommended.

If you have any questions about this report or site conditions, please do not hesitate to contact Elizabeth McNally at (505) 564-2281.

Sincerely,

David J. Reese

**Environmental Scientist** 

Elizabeth V MeNdly

David of Rene

Elizabeth McNally, PE

Lindsay Dumas Medio Canyon 7 Final Excavation Report November 1, 2017 Page 5

### Attachments:

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, October 2017

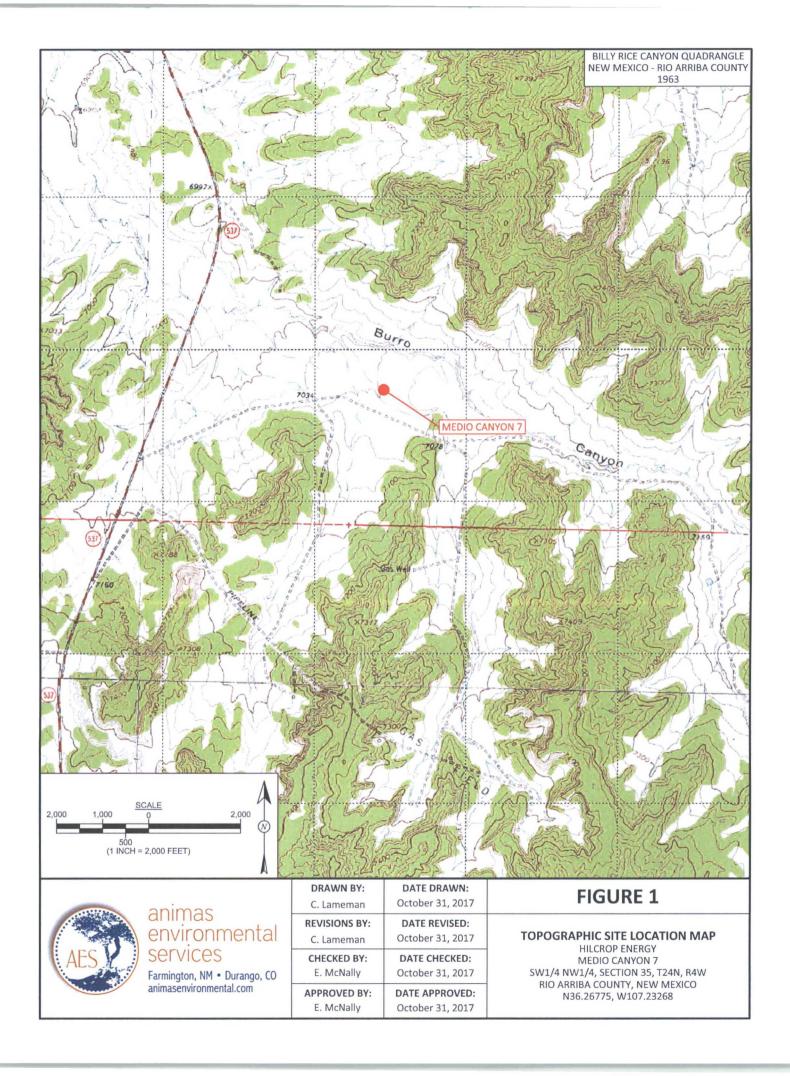
Figure 3. Excavation Sample Locations and Results, October 2017

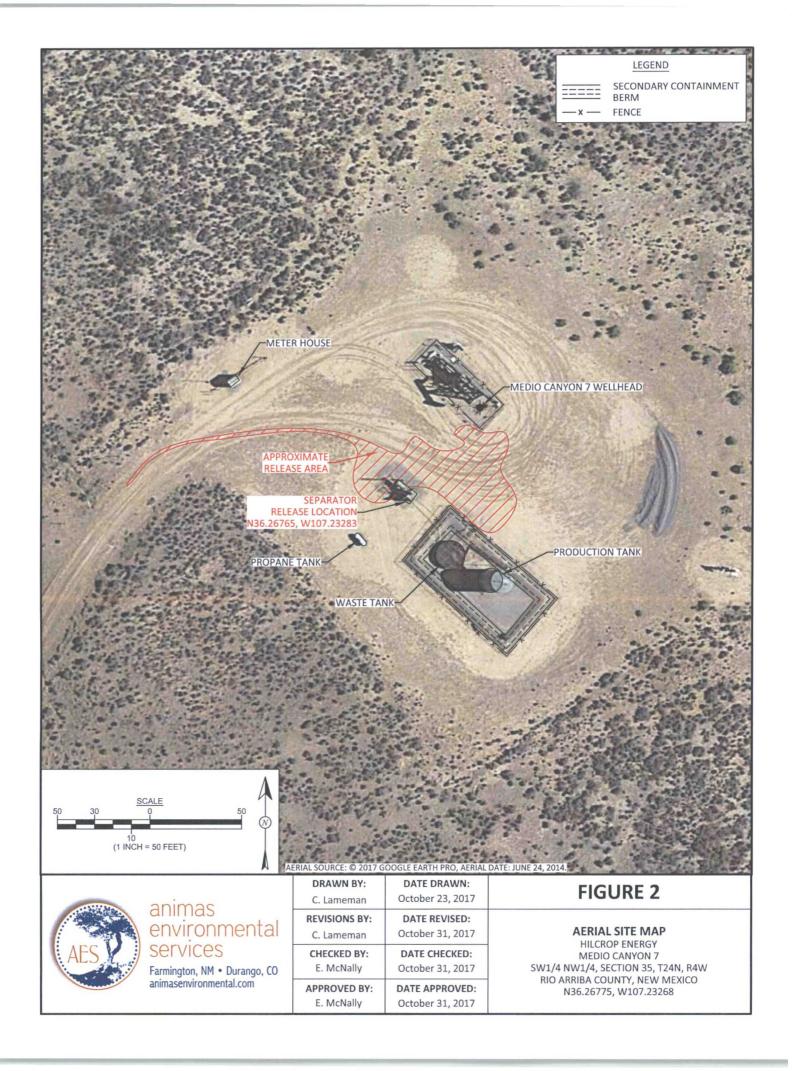
**AES Field Sampling Report 1062417** 

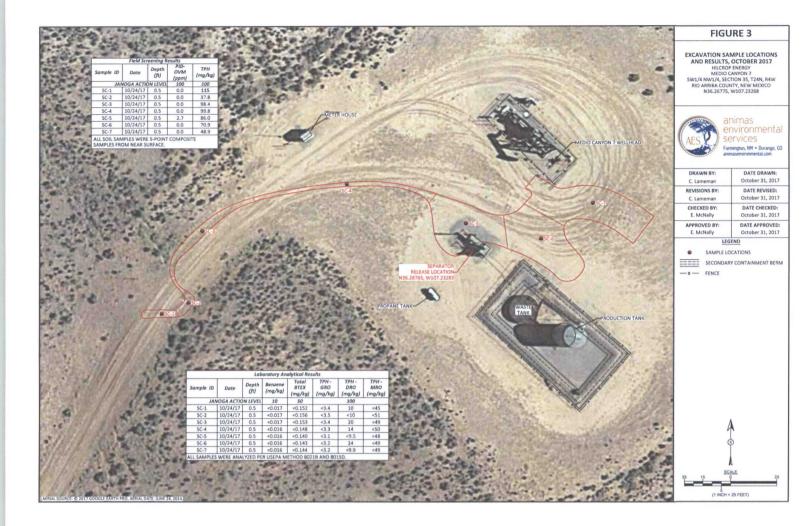
Hall Laboratory Analytical Report 1710C99

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Figures







Field Notes

Oil and Gas Release Assessment Field Form	1	. / / -
Name of Operator: Hillorg		Date: 10/24/17
Facility or Pipeline Name: Media Caryon # 7	County and State: Rio Arnba, NM	AES Personnel: CL, EM
Onsite Contact Person: Linds an Duras	Land Jurisdiction: J. Carilla	
Release Source: 3 Bd Conduste	Site Rank: 30 - see renting sheet	Arrival Time: 0 725
from Separator five tube	Strek pard- 920' to SW	Depart Time: 1145
Release Lat/Long: 36. 2になら、- 167. 23283	Burio Cangon Work 70 / to NE	Begin Miles: 98628
Wellhead Lat/Long: 36.26775 - 167.23268		End Miles: 9880/
Groundwater Present? □ Yes 対 No		
Surface Water present? ☐ Yes 內 No	Regulatory Representatives: Hobson	
Excavation prior to arrival? 🕱 Yes 🗆 No	Hiler	p people
Areas affected by release: Surface on paid faces 1	lord	•
Has the release been removed prior to arrival?: ★ Ye  Project Details: SC-1 N 36, 26 47-2		
SC-2 N36 26741	F; V107. 23341°	
	4°; W107. 23331°	
SC-4 N3. 2676		
	36.26773; N 107 23304 (trench in road)	NO PICT
	7.62, 107. 23270	
	26765, 107.23257	
	20105, 104.25-54	
Photos taken: □ Yes □ No		
THOUS CAREIL II IES II NO		

1 of \_3\_

Oil and Gas Release Assessment Field Form 100117.xlsx

Animas Environmental Services, LLC; 604 W Pinon St. Farmington, NM 87401;

Main Office # 505-564-2281

Facility or Pipeline Name: Mcdic Cary. +7
Date: 10/24/17

AES personnel: CL, EM

Buck Machine #2_								
Concentration	50 mg/kg	100 mg/kg	500 mg/kg					
Calibration ABS Values	0.070	0.143	0.724					

Sample ID	Collection Date	Time of Sample Collection	Sample Location	Sample Depth (ft)	Composite	PID-OVM (ppm)	PID-OVM Time	Field TPH (mg/kg)	Field TPH Analysis Time	ABS	NOTES (i.e. Soil Type, Color, Odor, Staining)
56-1	CE 10/24	0840	ROAD	0-0.5	X	0.0	1032	115	110	0.081	3 DAY
SC-2	10/24/17	0850	ROAD-cly			0.0	10 33	37.8	1113	0.025	3 DAY
56-3	16/24/17	0903	Road - ege	0-0.5	Х	0.0	1033	9.8.4	1042	0.069	- 3 DAY
56-4	10/24/17	0915	PAD-el	c 0-6.5	X	0.0	1034	99.8	1045	0.070	- 3 DAY
5c-5	10/24/17	0920		0-0.5		2,7	1034	86,0	1049	0.060	- 3 DAY
50-6	10/24/17	0935	Pri	0-0.5	X	0.0	1035	70.9	1117	0.049	3 DAY
SC-7	10/24/17	0945	PAD	0-0.5	Х	0.0	1035	48.9	1120	0.033	3 DAM
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Type of Sample collection?:

Site sketch:
Date: 10/24/17

See Figure 2

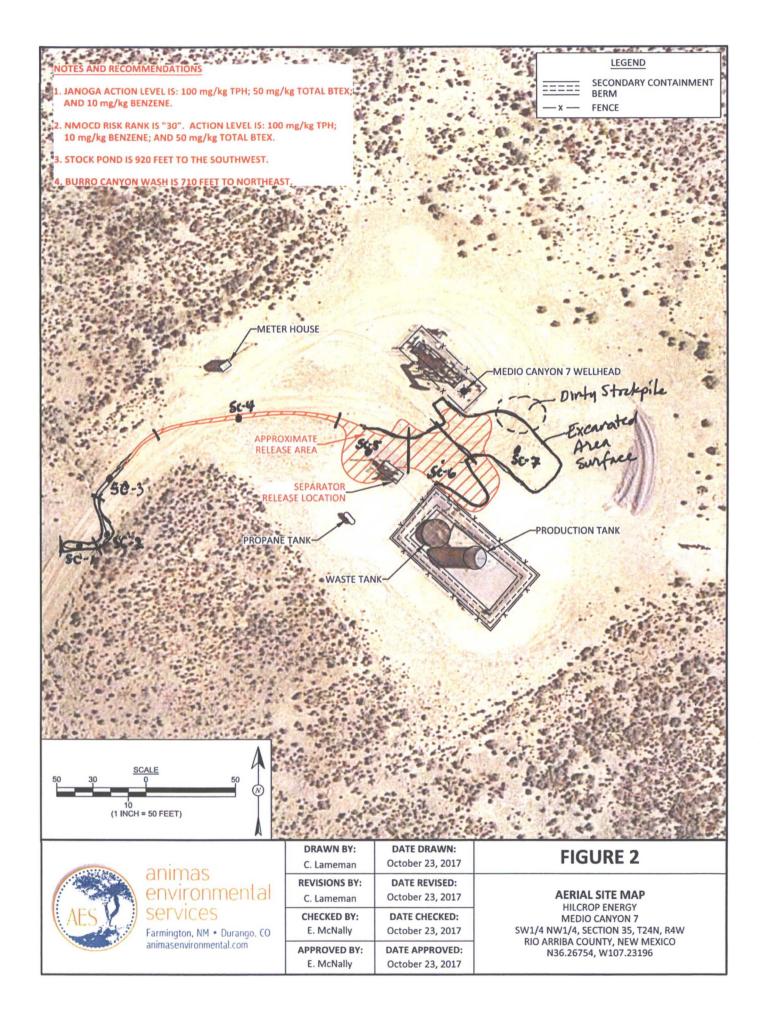
Aeroral Ste Map

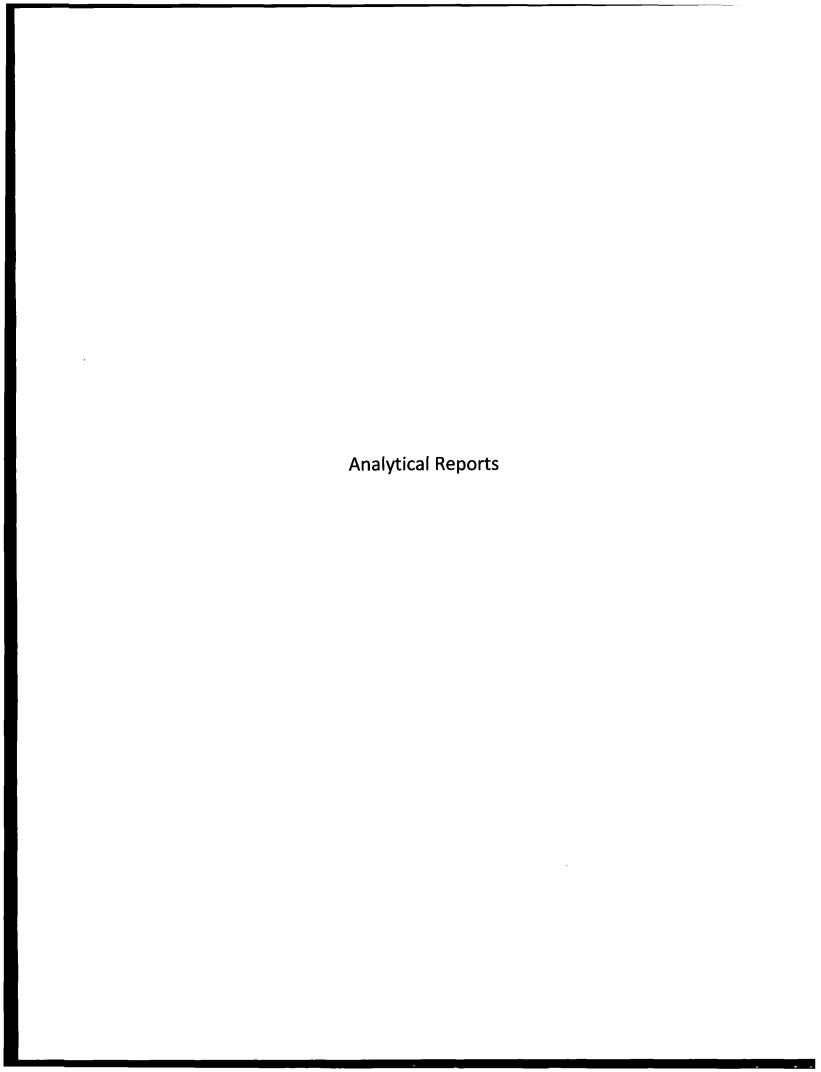
Wy field nates

Animas Environmental Services, LLC; 604 W Pinon St. Farmington, NM 87401; Main Office # 505-564-2281

3 of 3

Oil and Gas Release Assessment Field Form 100117.xlsx







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

October 31, 2017

Corwin Lameman Animas Environmental Services 604 Pinon Street Farmington, NM 87401 TEL: (505) 564-2281 FAX (505) 324-2022

RE: Hilcorp Medio Canyon 7

OrderNo.: 1710C99

#### Dear Corwin Lameman:

Hall Environmental Analysis Laboratory received 7 sample(s) on 10/25/2017 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

Lab Order 1710C99

Date Reported: 10/31/2017

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Animas Environmental Services

Project: Hilcorp Medio Canyon 7

Lab ID: 1710C99-001

Client Sample ID: SC-1

**Collection Date:** 10/24/2017 8:40:00 AM

Received Date: 10/25/2017 8:00:00 AM

Analyses	Result	PQL Qua	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS	5			Analy	st: TOM
Diesel Range Organics (DRO)	10	9.0	mg/Kg	1	10/26/2017 8:48:41 P	M 34633
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	10/26/2017 8:48:41 P	M 34633
Surr: DNOP	93.3	70-130	%Rec	1	10/26/2017 8:48:41 P	M 34633
EPA METHOD 8015D: GASOLINE RAI	NGE				Analy	st: NSB
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	10/27/2017 7:24:08 P	M G46704
Surr: BFB	83.6	15-316	%Rec	1	10/27/2017 7:24:08 P	M G46704
EPA METHOD 8021B: VOLATILES					Analy	st: NSB
Benzene	ND	0.017	mg/Kg	1	10/27/2017 7:24:08 P	M B46704
Toluene	ND	0.034	mg/Kg	1	10/27/2017 7:24:08 P	M B46704
Ethylbenzene	ND	0.034	mg/Kg	1	10/27/2017 7:24:08 P	M B46704
Xylenes, Total	ND	0.067	mg/Kg	1	10/27/2017 7:24:08 P	M B46704
Surr: 4-Bromofluorobenzene	95.3	80-120	%Rec	1	10/27/2017 7:24:08 P	M B46704

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
- 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 Page 1 of 10
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

### Lab Order 1710C99

Date Reported: 10/31/2017

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Animas Environmental Services

Project: Hilcorp Medio Canyon 7

Lab ID: 1710C99-002

Client Sample ID: SC-2

Collection Date: 10/24/2017 8:50:00 AM

Received Date: 10/25/2017 8:00:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS	3			Analyst	: TOM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/26/2017 9:13:18 PM	34633
Motor Oil Range Organics (MRO)	ND	51	mg/Kg	1	10/26/2017 9:13:18 PM	34633
Surr: DNOP	95.1	70-130	%Rec	1	10/26/2017 9:13:18 PM	34633
EPA METHOD 8015D: GASOLINE RAM	NGE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	3.5	mg/Kg	1	10/27/2017 7:47:32 PM	G46704
Surr: BFB	81.8	15-316	%Rec	1	10/27/2017 7:47:32 PM	G46704
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.017	mg/Kg	1	10/27/2017 7:47:32 PM	B46704
Toluene	ND	0.035	mg/Kg	1	10/27/2017 7:47:32 PM	B46704
Ethylbenzene	ND	0.035	mg/Kg	1	10/27/2017 7:47:32 PM	B46704
Xylenes, Total	ND	0.069	mg/Kg	1	10/27/2017 7:47:32 PM	B46704
Surr: 4-Bromofluorobenzene	94.9	80-120	%Rec	1	10/27/2017 7:47:32 PM	B46704

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
- 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 Page 2 of 10
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

### Lab Order 1710C99

Date Reported: 10/31/2017

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Animas Environmental Services

Project: Hilcorp Medio Canyon 7

Lab ID: 1710C99-003

Client Sample ID: SC-3

Collection Date: 10/24/2017 9:03:00 AM

Received Date: 10/25/2017 8:00:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS	3			Analys	t: TOM
Diesel Range Organics (DRO)	20	9.7	mg/Kg	1	10/26/2017 9:37:51 PM	1 34633
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/26/2017 9:37:51 PM	1 34633
Surr: DNOP	95.4	70-130	%Rec	1	10/26/2017 9:37:51 PM	1 34633
EPA METHOD 8015D: GASOLINE RAN	IGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	10/27/2017 8:10:46 PM	1 G46704
Surr: BFB	83.2	15-316	%Rec	1	10/27/2017 8:10:46 PM	1 G46704
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.017	mg/Kg	1	10/27/2017 8:10:46 PM	1 B46704
Toluene	ND	0.034	mg/Kg	1	10/27/2017 8:10:46 PM	1 B46704
Ethylbenzene	ND	0.034	mg/Kg	1	10/27/2017 8:10:46 PM	1 B46704
Xylenes, Total	ND	0.068	mg/Kg	1	10/27/2017 8:10:46 PM	1 B46704
Surr: 4-Bromofluorobenzene	95.1	80-120	%Rec	1	10/27/2017 8:10:46 PM	1 B46704

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
- 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 Page 3 of 10
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

### Lab Order 1710C99

Date Reported: 10/31/2017

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Animas Environmental Services

Project: Hilcorp Medio Canyon 7

Lab ID: 1710C99-004

Client Sample ID: SC-4

Collection Date: 10/24/2017 9:15:00 AM

Received Date: 10/25/2017 8:00:00 AM

Analyses	Result	PQL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS	3		Analyst	: TOM
Diesel Range Organics (DRO)	14	9.9	mg/Kg	1 10/26/2017 10:02:31 PI	VI 34633
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1 10/26/2017 10:02:31 PI	M 34633
Surr: DNOP	96.7	70-130	%Rec	1 10/26/2017 10:02:31 PI	M 34633
EPA METHOD 8015D: GASOLINE RAN	IGE			Analyst	NSB
Gasoline Range Organics (GRO)	ND	3.3	mg/Kg	1 10/27/2017 8:34:04 PM	G46704
Surr: BFB	82.8	15-316	%Rec	1 10/27/2017 8:34:04 PM	G46704
EPA METHOD 8021B: VOLATILES				Analyst	: NSB
Benzene	ND	0.016	mg/Kg	1 10/27/2017 8:34:04 PM	B46704
Toluene	ND	0.033	mg/Kg	1 10/27/2017 8:34:04 PM	B46704
Ethylbenzene	ND	0.033	mg/Kg	1 10/27/2017 8:34:04 PM	B46704
Xylenes, Total	ND	0.066	mg/Kg	1 10/27/2017 8:34:04 PM	B46704
Surr: 4-Bromofluorobenzene	96.4	80-120	%Rec	1 10/27/2017 8:34:04 PM	B46704

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
- 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 Page 4 of 10
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

### Lab Order 1710C99

Date Reported: 10/31/2017

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Animas Environmental Services

Project: Hilcorp Medio Canyon 7

Lab ID: 1710C99-005

Client Sample ID: SC-5

Collection Date: 10/24/2017 9:20:00 AM

Received Date: 10/25/2017 8:00:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS				Analy	st: TOM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	10/26/2017 10:27:06	PM 34633
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/26/2017 10:27:06	PM 34633
Surr: DNOP	98.3	70-130	%Rec	1	10/26/2017 10:27:06	PM 34633
EPA METHOD 8015D: GASOLINE RAM	IGE				Analy	st: NSB
Gasoline Range Organics (GRO)	ND	3.1	mg/Kg	1	10/27/2017 8:57:24 P	M G46704
Surr: BFB	84.4	15-316	%Rec	1	10/27/2017 8:57:24 P	M G46704
EPA METHOD 8021B: VOLATILES					Analys	st: NSB
Benzene	ND	0.016	mg/Kg	1	10/27/2017 8:57:24 P	M B46704
Toluene	ND	0.031	mg/Kg	1	10/27/2017 8:57:24 P	M B46704
Ethylbenzene	ND	0.031	mg/Kg	1	10/27/2017 8:57:24 P	M B46704
Xylenes, Total	ND	0.062	mg/Kg	1	10/27/2017 8:57:24 P	M B46704
Surr: 4-Bromofluorobenzene	96.1	80-120	%Rec	1	10/27/2017 8:57:24 P	M B46704

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
- 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 Page 5 of 10
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1710C99 Date Reported: 10/31/2017

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Animas Environmental Services

Project: Hilcorp Medio Canyon 7

Lab ID: 1710C99-006 Client Sample ID: SC-6

Collection Date: 10/24/2017 9:35:00 AM

Received Date: 10/25/2017 8:00:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RAM	IGE ORGANICS	3			Analy	st: TOM
Diesel Range Organics (DRO)	24	9.7	mg/Kg	1	10/26/2017 10:51:46	PM 34633
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/26/2017 10:51:46	PM 34633
Surr: DNOP	97.6	70-130	%Rec	1	10/26/2017 10:51:46	PM 34633
EPA METHOD 8015D: GASOLINE RA	NGE				Analy	st: NSB
Gasoline Range Organics (GRO)	ND	3.2	mg/Kg	1	10/27/2017 9:20:47 F	M G46704
Surr: BFB	81.9	15-316	%Rec	1	10/27/2017 9:20:47 F	PM G46704
EPA METHOD 8021B: VOLATILES					Analy	st: NSB
Benzene	ND	0.016	mg/Kg	1	10/27/2017 9:20:47 F	PM B46704
Toluene	ND	0.032	mg/Kg	1	10/27/2017 9:20:47 F	PM B46704
Ethylbenzene	ND	0.032	mg/Kg	1	10/27/2017 9:20:47 F	РМ В46704
Xylenes, Total	ND	0.063	mg/Kg	1	10/27/2017 9:20:47 F	M B46704
Surr: 4-Bromofluorobenzene	93.7	80-120	%Rec	1	10/27/2017 9:20:47 F	M B46704

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
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits Page 6 of 10
- Sample pH Not In Range
- Reporting Detection Limit
- Sample container temperature is out of limit as specified

### Lab Order 1710C99

Date Reported: 10/31/2017

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Animas Environmental Services

Project: Hilcorp Medio Canyon 7

Lab ID: 1710C99-007 Client Sample ID: SC-7

Collection Date: 10/24/2017 9:45:00 AM

Received Date: 10/25/2017 8:00:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS	3			Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/26/2017 11:16:14 F	M 34634
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/26/2017 11:16:14 F	M 34634
Surr: DNOP	95.7	70-130	%Rec	1	10/26/2017 11:16:14 F	M 34634
EPA METHOD 8015D: GASOLINE RAN	NGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	3.2	mg/Kg	1	10/27/2017 9:44:13 PI	/ G46704
Surr: BFB	81.6	15-316	%Rec	1	10/27/2017 9:44:13 PI	/ G46704
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.016	mg/Kg	1	10/27/2017 9:44:13 PI	/I B46704
Toluene	ND	0.032	mg/Kg	1	10/27/2017 9:44:13 Pt	/ B46704
Ethylbenzene	ND	0.032	mg/Kg	1	10/27/2017 9:44:13 PI	M B46704
Xylenes, Total	ND	0.064	mg/Kg	1	10/27/2017 9:44:13 Pt	M B46704
Surr: 4-Bromofluorobenzene	95.4	80-120	%Rec	1	10/27/2017 9:44:13 PM	/ B46704

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
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 7 of 10 J
- Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

# **QC SUMMARY REPORT**

# Hall Environmental Analysis Laboratory, Inc.

WO#: 1710C99

31-Oct-17

Client:

Animas Environmental Services

Project: Hilcorp	Medio Canyon 7								
Sample ID LCS-34633	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 34633	RunNo: 46662							
Prep Date: 10/25/2017	Analysis Date: 10/26/2017	SeqNo: 1487179 Units: mg/Kg							
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual							
Diesel Range Organics (DRO)	47 10 50.00	0 94.3 73.2 114							
Surr: DNOP	4.9 5.000	97.4 70 130							
Sample ID MB-34633	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 34633	RunNo: 46662							
Prep Date: 10/25/2017	Analysis Date: 10/26/2017	SeqNo: 1487180 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	100 70 130							
Sample ID LCS-34634	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 34634	RunNo: 46661							
Prep Date: 10/25/2017	Analysis Date: 10/26/2017	SeqNo: 1487757 Units: mg/Kg							
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual							
Diesel Range Organics (DRO)	47 10 50.00	0 94.4 73.2 114							
Surr. DNOP	4.0 5.000	80.8 70 130							
Sample ID MB-34634	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 34634	Batch ID: 34634 RunNo: 46661							
Prep Date: 10/25/2017	Analysis Date: 10/26/2017	SeqNo: 1487758 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								

#### Qualifiers:

Sur: DNOP

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

9.0

10.00

- 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

90.3

70

130

Page 8 of 10

- 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#:

1710C99

31-Oct-17

Client:

Animas Environmental Services

Project:

Hilcorp Medio Canyon 7

Sample ID RB	SampTy	pe: ME	BLK	Tes	tCode: E	PA Method	8015D: Gaso	oline Rang	е		
Client ID: PBS	Batch I	D: <b>G4</b>	6704	F	RunNo: 4	6704					
Prep Date:	Analysis Da	te: 10	)/27/2017	5	SeqNo: 1	488186	Units: mg/h	<b>K</b> g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	ND	5.0					•				
Surr. BFB	830		1000		83.3	15	316				
Sample ID 2.5UG GRO LCS	SampTy	SampType: LCS TestCode: EPA Method 8015D: Gasoline Range									
Client ID: LCSS	Batch I	D: <b>G4</b>	6704	F	RunNo: 4	6704					
Prep Date:	Analysis Da	te: 10	/27/2017	S	SeqNo: 1	488187	Units: mg/F	<b>(</b> g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.8	75.9	131				
Surr. BFB	960		1000		96.1	15	316				
	<del> </del>										
Sample ID <b>MB-34651</b>	SampTy	oe: ME	BLK	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	е		

Prep Date: 10/26/2017	Analysis Date: 10/2	27/2017	SeqNo: 1488208	Units: %Rec						
Analyte	Result PQL S	SPK value SPK Ref Va	I %REC LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Surr: BFB	870	1000	87.2 15	316						
Sample ID I CS 34654	SampType: LCS	Ta	etCode: EDA Mothod	9045D: Gaco	line Pane	10				

Sample ID LCS-34651	SampType: LCS	TestCode: EPA Method	l 8015D: Gasoline Rang	ge	
Client ID: LCSS	Batch ID: 34651	RunNo: 46704			
Prep Date: 10/26/2017	Analysis Date: 10/27/2017	SeqNo: 1488209	Units: %Rec		
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit	Qual
Surr: BFB	990 1000	99.0 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

Page 9 of 10

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#:

1710C99

31-Oct-17

Client:

**Animas Environmental Services** 

Project:

Hilcorp Medio Canyon 7

Sample ID RB	SampT	ype: ME	BLK	Tes	tiles					
Client ID: PBS	Batch	1D: <b>B4</b>	6704	F	RunNo: 4	6704				
Prep Date:	Analysis D	ate: 10	0/27/2017	S	SeqNo: 1	488226	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.98		1.000		98.1	80	120			

Sample ID 100NG BTEX L	CS Samp	SampType: LCS TestCode: EPA Method 8021B: Volatiles										
Client ID: LCSS	Batc	h ID: <b>B4</b>	6704	F								
Prep Date:	Analysis [	Date: 10	0/27/2017	5	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.96	0.025	1.000	0	96.3	77.3	128					
Toluene	0.94	0.050	1.000	0	94.4	79.2	125					
Ethylbenzene	0.93	0.050	1.000	0	93.3	80.7	127					
Xylenes, Total	2.8	0.10	3.000	0	93.8	81.6	129					
Surr: 4-Bromofluorobenzene	0.96		1.000		96.5	80	120					

Sample ID MB-34651	SampT	ype: ME	BLK	Tes	tCode: E	PA Method	8021B: Volat	iles			
Client ID: PBS	Batch	ID: 34	651	F	RunNo: 4	6704					
Prep Date: 10/26/2017	Analysis Da	ate: 10	)/27/2017	8	SeqNo: 1	488248	Units: %Re	C			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: 4-Bromofluorobenzene	1.0		1.000		99.7	80	120				

Sample ID LCS-34651	SampTy	SampType: LCS TestCode: EPA Method 8021B: Volatiles									
Client ID: LCSS	Batch	Batch ID: 34651 RunNo: 46704									
Prep Date: 10/26/2017	Analysis Da	ate: 10	0/27/2017	8	SeqNo: 1	488249	Units: %Red	:			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr 4-Bromofluorobenzene	1.0		1 000		100	80	120				

#### 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

Page 10 of 10

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified



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

Clier	nt Name:	Animas Enviro	nmental	Work Order Num	nber: 1710	C99			RcptNo	p: 1
	lved By:	Sophia Camp		10/25/2017 8:00:0			Syden is Un OL	1-	-	
•	pleted By: ewed By:	Erin Melendr		10/25/2017 8:44:5 10/25/17	S AM		mo	0	7	
<u>Chai</u>	n of Cus	tody								
1. C	ustody sea	als intact on sam	ple bottles?		Yes		No [		Not Present	
2. Is	Chain of C	Custody complet	<b>:</b> 97		Yes	$\checkmark$	No [		Not Present	
3. H	low was the	e sample deliver	ed?		Cour	<u>ier</u>				
Log	<u> In</u>									,
<b>4</b> . v	Vas an atte	empt made to co	ol the sample	s?	Yes	✓	No i		NA C	]
5. W	Vere all sar	nples received a	ıt a temperatu	re of >0° C to 6.0°C	Yes	V	No [		NA 🗆	•
6. s	Sample(s) i	n proper contain	er(s)?		Yes	V	No [			
7. S	ufficient sa	ımple volume for	Indicated tes	t(s)?	Yes	<b>V</b>	No [	⊐		
8. A	re samples	(except VOA ar	nd ONG) prop	erly preserved?	Yes	¥	No [		•	
9. W	Vas presen	vative added to b	ottles?		Yes		No E	<b>Z</b>	na 🗆	
10.v	OA vials ha	ave zero headsp	ace?		Yes		No [		No VOA Vials	
11. V	Vere any s	ample containen	s received bro	ken?	Yes		No l	<b>2</b>	# of preserved	
		work match bottle pancies on chair			Yes	<b>V</b>	No [	⊐	bottles checked for pH:	or >12 unless noted)
_		correctly identif	• • •	of Custody?	Yes	V	No E	o	Adjusted?	
		at analyses wen			Yes	_	No [	⊐		
15.W	/ere all hok	ding times able t customer for au	o be met?		Yes	V	No [	<b>□</b>	Checked by:	
·		lling (if appli	,							
		otified of all disc		h this order?	Yes	П	No [	7	NA 🗹	
, O		Notified:		Dat						_
•	By Wh	7		Via	·	ıı 🗆	Phone 🗍 F	ax	☐ In Person	
	Regard	L					, v			
	-	Instructions:								
17. A	Additional re	emarks:								<del></del>
18. <u>c</u>	Cooler Info		Condition	Seal Intact   Seal No	Seal Da	<sub>ite</sub> 1	Signed By	, i		
İ	1			es .	Jear De		Orginou Dy			•

Ch	ain-o	f-Cus	Custody Record Turn-Around Time:								AI		= NI 1	/TD	ON	IAGE	zai'	TA:	
Client	Anima	s Enviro	nmental Services, LLC	☐ Standard	X Rush_	_3-DAY	· L					-		-	AB(				
				Project Name:											ntal.c			•	
Mailing Ad	dress:	604 W	Pinon St.	Hilco	rp Medio Car	nyon 7		49	01 F						que, N		'109		
		Famin	gton, NM 87401	Project #:			_				45-39			•	5-345				
Phone #:	505-564	-2281			···.							Ana	lysis	Req	uest				
		neman@a	nimasenvironmental.com	Project Manag								ł	-					ļ	ii
QAVQC Pac	•		S Lovel 4 (South to tide tion)		C. Lamema	n/E. McNaily		ွ					ŀ		1				
X Standar			☐ Level 4 (Full Validation)					- 8015				ľ	l			1		-	
Accreditati	on:	☐ Other		Sampler: EM/0		Sevilores (a)		Ó				1	Ī	1				j	
□ EDD (T	уре)			Sandetene														ł	N Z
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type		BTEX - 8021B	TPH (GRO/DRO/MRO)											Air Bubbles (Y or N)
10/24/17	8:40	SOIL	SC-1	1 - MeOH Kit 1 - 4 oz jar	cool	-001	Х	х											
10/24/17	8:50	SOIL	SC-2	1 - MeOH Kit 1 - 4 oz iar	cool	-007	х	х					$\Box$					$\neg$	
10/24/17	9:03	SOIL	SC-3	1 - MeOH Kit 1 - 4 oz jar	cool	-003	×	х										$\neg$	
10/24/17	9:15	SOIL	SC-4	1 - MeOH Kit	cool	-004	X	Х											$\neg \neg$
10/24/17	9:20	SOIL	SC-5	1 - MeOH Kit 1 - 4 oz iar	cool	-005	X	Х											
10/24/17	9:35	SOIL	SC-6	1 - MeOH Kit	cool	-006	X	X											
10/24/17	9:45	SOIL	SC-7	1 - MeOH Kit 1 - 4 oz iar	cool	-007	X	Х					_		$\perp$			$\Box$	
				-				_	-				$\dashv$	+	+-	Н		$\dashv$	-H
																		士	
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Date:	Time:	Reilnquish	ed by:	Received by:		Date Time	Ren	nark	s: Bil	l to A	LES.								
10/24/17	le36	Ca	-lu-	/h/wotu	Walter	10/24/m 1636													
Pate:	Time: 1921	Relinquish	sti Walt	Received by:	<u>C</u>	Date Time  /0/25//7 9900		ngoth.	. A-	n. o. +		ndové vě-	do mán	ho elec-	he medale	ud on the	0001	diect -	
ŀ	r necessary,	samples subm	nitted to Hall Environmental may be sub	DESCRIPTION OF THE PROPERTY OF	ccredited (aborato	ries. I nis Berves es notice of	ans þ	OSSIDII	ıy. Af	y sub-	्रजाएश्च	uted da	ua wii	on Class	IÀ UCERTE	אלנו חום גב	s energ	ucai 19	port