UICI - 5

WASTE ANALYSES INFO

2016

Received by OCD: 11/8/2023 4:14:54 PM

1625 N. French Dr., Hobbs, NM 8\$240 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
Oil Conservation Division
1220 South St. Francis Dr.

Santa Fe, NM 87505

Page 2 of 77
Form C-138
Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

Generator Name and Address: nterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401
Originating Site: Rattlesnake Compressor Station
Location of Material (Street Address, City, State or ULSTR): UL H Section 16, T32N, R9W; 36.987603, -1070.77771, San Juan County, NM
Source and Description of Waste: ource: Water from the Non Exempt Water Tanks and from the compressor skid drains. escription: Non Exempt/Non Hazardous Water from the compressor skids. stimated Volume 160 yd3 bbls Known Volume (to be entered by the operator at the end of the haul) 762 yd3/bbls
GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS
Thomas Long them by, representative or authorized agent for Enterprise Products Operating do hereby Generator Signature
ertify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 gulatory determination, the above described waste is: (Check the appropriate classification)
☐ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. Operator Use Only: Waste Acceptance Frequency ☐ Monthly ☐ Weekly ☐ Per Load
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)
MSDS Information ⊠ RCRA Hazardous Waste Analysis ⊠ Process Knowledge □ Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS
Thomas Long 2-26-16, representative for Enterprise Products Operating authorize to complete Generator Signature
e required testing/sign the Generator Waste Testing Certification.
Transporter: Triple S Trucking
OCD Permitted Surface Waste Management Facility
Name and Facility Permit #: *Agua Moss, LLC - Permit #: NM-01-009 Address of Facility: SW/4 NW/4 Section 2, Township 29N, Range Crouch Mesa, NM
Method of Treatment and/or Disposal: Evaporation Injection Treating Plant Landfarm Landfill Other Waste Acceptance Status:
APPROVED DENIED (Must Be Maintained As Permanent Record)
PRINT NAME: Allow the Asserting TITLE: Question DATE: 1/2/17 SIGNATURE: Surface Waste Management Facility Authorized Agent TITLE: Question DATE: 1/2/17 TELEPHONE NO.: Cos) 334-6186

t < m &	Turn-Around Time: □ Standard X Rush A>AP		I	HAL	HALL ENV	N SIS		ENVIRONMENTA YSIS LABORATOR	Z Z	Z	RONMENTAL	. >
Pro Asward	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	www.hi	lawkir	www.h	- m	vironr	m U	environmental.com Albuquerque, NM 87109	37109	5 · · · (· · · · · · · · · · · · · · ·		
	MON EXELPOT TANK	Tel. 5	Tel. 505-345-3975	5-397	A A	Fax	Fax 505-345- Analysis Request	505-345-4107 Request	20			
Shall or Fax#: <u>೧シカル mexture</u> 2 Projection 3 Studies 2 Projection 3 Standard Devel 4 (Full Validation)	Project Manager. Tom Long / Amiley	(Gas only) (Gas only)		KOVIIO			S PCB's					
□ Other On	Sampler: (Laster (Nation) On ice: XXXX	HdT+					808 / s	(40	luc	į.		(N 10
Sar		18E		- Channel				- 1-	> A . II			Y) s
Sample Request ID Ty	Container Preservative Type and # Type		TPH (Meth	EDB (Weth	PAH's (831) M 8 ARJA	,4) snoinA	itse9 1808	8260B (VC	1100):0430			Air Bubble
Now Execute Maste Zank Vocacis	laners variens -001			173	X			X				
				7	-			-				+
							7			26		+
					2							
							+			* .		
4.						*			5.	12		
				24	+ 2°				-			-
					2	2			-			
De Start	Received by: Distribution 2/18/10 1346	Remarks:	V	Pless	1	Tere t	-4 -4	された	. 1			
Keinduisnedray:	7 - And notable des	₹ 	1	1							*	



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-FARM		Work Or	der Number:	16028	01		RcptNo	1	
Received by/date	= 3	A-	ozlie	rlie						
Logged By:	Lindsay Man	gin	2/19/2016	8:00:00 AM			James House			
Completed By:	Lindsay Man	gin		8:57;54 AM			Junely Happy			į
Reviewed By:	ľ	206-	02/	19/10						
Chain of Cust	ody	119								*
1. Custody seals		nple bottles?			Yes		No 🗆	Not Present		
2. Is Chain of C	ustody comple	te?			Yes		No 🗌	Not Present		
3. How was the	sample delive	red?			Couri	<u>er</u>				
Log In										
4. Was an atter	mpt made to co	ool the samples	s?		Yes		No 🗆	NA 🗆		
5. Were all sam	nples received	at a temperatu	re of >0°C t	o 6.0°C	Yes		No 🗆	NA 🗆		
6. Sample(s) in	proper contain	ner(s)?			Yes		No 🗆			
7. Sufficient sar 8. Are samples	The second second			Se 02/19/10	Yes		No	/		
9. Was preserved Met (10.VOA vials ha	als anal	bottles? Add	led Inc	HN03	Yes to Yes	-00	1 C For a	No VOA Vials	PH. Dr. 04/19/16 6	1023
11. Were any sa			ken?		Yes		No 🗹			1
								# of preserved bottles checked	1	
12.Does paperw	vork match bot pancies on cha				Yes		No L	for pH:	or >12 unless n	oted)
13. Are matrices			of Custody?		Yes		No 🗆	Adjusted?	105	i
14, Is it clear wh	at analyses we	ere requested?			Yes		No 🗆		a	İ
15. Were all hold (If no, notify	ding times able customer for a				Yes		No 🗌	Checked by	Ja.	į
Special Hand							🗖	🗷	3	
16. Was client n	otified of all dis	screpancies wit	h this order?		Yes	Ц	No 🗆	NA 🗷	1	
Persor	n Notified:			Date:						
By Wh				Via:	eM	ail 🔃	Phone Fax	In Person		
Regard										
	Instructions:									
17. Additional re	emarks:									
18. Cooler Info	lo Temp ºC	Condition	Seal Intact	Seal No	Seal D	ate	Signed By			
1	2.4	Good	/es	<u></u>						

Hall Environmental Analysis Laboratory, Inc.

WO#:

1602801 25-Feb-16

Client:

Souder, Miller and Associates

Project:

Rattlesnake Plant

TestCode: EPA 6010B: Total Recoverable Metals

Sample ID 1602801-001CMSD Client ID: Non Exempt Waste SampType: MSD Batch ID: 23874

RunNo: 32402

Prep Date: 2/22/2016	Analysis D	Date: 2/	25/2016		SeqNo: 9	90810	Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	ND	100	0.5000	0.2242	91.9	75	125	0	20	
Cadmium	ND	1.0	0.5000	0	95.8	75	125	0	20	
Chromium	ND	5.0	0.5000	0	89.8	75	125	0	20	
Lead	ND	5.0	0.5000	0	93.8	75	125	0	20	
Selenium	ND	1.0	0.5000	0	96.8	75	125	0	20	
Silver	ND	5.0	0.1000	0	92.2	75	125	0	20	

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

WO#:

1602801

25-Feb-16

Client:

Souder, Miller and Associates

Project:

Sample ID I CS-23874

Rattlesnake Plant

Sample ID MB-23874	Samp	Type: ME	BLK	Tes	tCode: E	PA 6010B:	Total Recove	rable Meta	als	
Client ID: PBW	Bato	h ID: 23	874	F	RunNo: 3	2402				
Prep Date: 2/22/2016	Analysis	Date: 2/	25/2016		SeqNo: 9	90798	Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.020	-1 1		100					
Barium	ND	0.020								
Cadmium	ND	0.0020								
Chromium	ND	0.0060								
ead	ND	0.0050								
Selenium	ND	0.050								
Silver	ND	0.0050								

Sample ID LC3-230/4	Samp	Type: LC	.5	res	(Code: E	PA 6010B:	Total Recove	erable iviet	ais	
Client ID: LCSW	Bato	ch ID: 23	874	F	RunNo: 3	2402				
Prep Date: 2/22/2016	Analysis	Date: 2/	25/2016	(SeqNo: 9	90799	Units: mg/L	11		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.50	0.020	0.5000	0	99.7	80	120			
Barium	0.48	0.020	0.5000	0	95.6	80	120			
Cadmium	0.49	0.0020	0.5000	0	98.4	80	120			
Chromium	0.47	0.0060	0.5000	0	94.7	80	120			
Lead	0.48	0.0050	0.5000	0	96.1	80	120			
Selenium	0.50	0.050	0.5000	0	101	80	120			
Silver	0.099	0.0050	0.1000	0	98.5	80	120			

Sample ID 1602801-00	1CMS Sampl	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: Non Exemp	ot Waste Batch	1D: 23	874	F	RunNo: 3	2402				
Prep Date: 2/22/2016	Analysis D	ate: 2/	25/2016	\$	SeqNo: 9	90807	Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	5.0	0.5000	0	97.8	75	125		700	
Barium	ND	100	0.5000	0.2242	92.2	75	125			
Cadmium	ND	1.0	0.5000	0	96.4	75	125			
Chromium	ND	5.0	0.5000	0	90.6	75	125			
Lead	ND	5.0	0.5000	0	94.0	75	125			
Selenium	ND	1.0	0.5000	0	98.2	75	125			
Silver	ND	5.0	0.1000	0	90.8	75	125			

Sample ID	1602801-001CMSD	SampTy	pe: MS	SD	Tes	tCode: El	PA 6010B:	Total Recove	rable Meta	als	
Client ID:	Non Exempt Waste	Batch I	D: 23	874	F	RunNo: 3	2402				
Prep Date:	2/22/2016	Analysis Da	te: 2/	/25/2016	8	SeqNo: 9	90810	Units: mg/L			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic		ND	5.0	0.5000	0	95.8	75	125	0	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 10 of 11

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

Hall Environmental Analysis Laboratory, Inc.

WO#:

1602801 25-Feb-16

Client:

Souder, Miller and Associates

Project:

Rattlesnake Plant

Sample ID MB-23897

SampType: mblk

TestCode: EPA Method 7470: Mercury

Client ID: PBW Batch ID: 23897

RunNo: 32351

Prep Date: 2/23/2016 Analysis Date: 2/24/2016

SeqNo: 988871

%REC

Units: mg/L **HighLimit**

RPDLimit Qual

Analyte Mercury

SPK value SPK Ref Val

ND 0.00020

Sample ID LCS-23897

SampType: Ics

TestCode: EPA Method 7470: Mercury

LowLimit

Client ID:

LCSW

2/23/2016

Batch ID: 23897

PQL

RunNo: 32351

Units: mg/L

Analyte

Prep Date:

Analysis Date: 2/24/2016

Result

SPK value SPK Ref Val

SeqNo: 988872 %REC LowLimit

HighLimit

%RPD **RPDLimit**

%RPD

Qual

Mercury

0.0048 0.00020 0.005000

96.6

120

Sample ID 1602801-001CMS

Non Exempt Waste

SampType: MS

TestCode: EPA Method 7470: Mercury

Non Exempt Waste Prep Date: 2/23/2016

Batch ID: 23897 Analysis Date: 2/24/2016 RunNo: 32351 SeqNo: 988893

Units: mg/L

Qual

Analyte Mercury

Result 0.0020

PQL SPK value SPK Ref Val

0.005000

%REC

HighLimit LowLimit 125 %RPD **RPDLimit**

S

Sample ID 1602801-001CMSD

SampType: MSD

TestCode: EPA Method 7470: Mercury RunNo: 32351

39.1

125

Qual

Analyte

Client ID:

Prep Date:

2/23/2016

Batch ID: 23897 Analysis Date: 2/24/2016

0.0010

SeqNo: 988894

Units: mg/L

%RPD

RPDLimit

Mercury

Result POL SPK value SPK Ref Val 0.0018 0.0010 0.005000

%REC 36.7

LowLimit

HighLimit 75

6.48

20 S

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded H

% Recovery outside of range due to dilution or matrix

ND Not Detected at the Reporting Limit

RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

Page 9 of 11

Sample pH Not In Range P

RL Reporting Detection Limit

Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1602801

25-Feb-16

Client:

Souder, Miller and Associates

Project:

Rattlesnake Plant

Sample ID	LCS-23879
Client ID:	LCSW

SampType: LCS Batch ID: 23879 TestCode: EPA Method 8310: PAHs

RunNo: 32316

Prep Date: 2/23/2016	Analysis D	Date: 2/	23/2016	8	SeqNo: 9	87907	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzo(a)pyrene	0.51	0.070	0.5020	0	102	62	107			
Dibenz(a,h)anthracene	1.0	0.12	1.002	0	101	54.8	108			
Benzo(g,h,i)perylene	1.0	0.12	1.000	0	100	56.9	110			
Indeno(1,2,3-cd)pyrene	2.0	0.25	2.004	0	101	55.2	109			
Surr: Benzo(e)pyrene	9.9		20.00		49.4	33.4	129			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Value above quantitation range E
- 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 8 of 11

Hall Environmental Analysis Laboratory, Inc.

WO#:

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1602801

25-Feb-16

Client: Souder, Miller and Associates

Project: Rattlesnake Plant

Sample ID MB-23879 SampType: MBLK TestCode: EPA Method 8310: PAHs

Client ID: PBW Batch ID: 23879 RunNo: 32316

Chiche ID.	Date	1110. 230	013	ı	vuriivo. 3	2310				
Prep Date: 2/23/2016	Analysis D	Date: 2/	23/2016	S	SeqNo: 98	87798	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	ND	2.0		14-14				110,		
1-Methylnaphthalene	ND	2.0								
2-Methylnaphthalene	ND	2.0								
Acenaphthylene	ND	2.5								
Acenaphthene	ND	2.0				9				
Fluorene	ND	0.80								
Phenanthrene	ND	0.60								
Anthracene	ND	0.60								
Fluoranthene	ND	0.30							- 4	
Pyrene	ND	0.30								
Benz(a)anthracene	ND	0.070								
Chrysene	ND	0.20								
Benzo(b)fluoranthene	ND	0.10								
Benzo(k)fluoranthene	ND	0.070								
Benzo(a)pyrene	ND	0.070								
Dibenz(a,h)anthracene	ND	0.12								
Benzo(g,h,i)perylene	ND	0.12								
ndeno(1,2,3-cd)pyrene	ND	0.25								
Surr: Benzo(e)pyrene	9.8		20.00		49.1	33.4	129			

Sample ID LCS-23879	Samp	Гуре: LC	S	Tes	tCode: El	PA Method	8310: PAHs			
Client ID: LCSW	Batc	h ID: 23	879	F	RunNo: 3	2316				
Prep Date: 2/23/2016	Analysis [Date: 2/	23/2016	5	SeqNo: 9	87907	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	77	2.0	80.00	0	96.7	54.6	110			
1-Methylnaphthalene	78	2.0	80.20	0	97.2	49.1	116			
2-Methylnaphthalene	79	2.0	80.00	0	98.2	52.5	111			
Acenaphthylene	75	2.5	80.20	0	93.6	63.7	122			
Acenaphthene	79	2.0	80.00	0	99.2	50.6	114			
Fluorene	8.2	0.80	8.020	0	103	48.9	106			
Phenanthrene	3.9	0.60	4.020	0	97.3	54.7	110			
Anthracene	3.8	0.60	4.020	0	94.8	52	106			
Fluoranthene	8.3	0.30	8.020	0	103	57.8	113			
Pyrene	7.7	0.30	8.020	0	95.8	59.7	118			
Benz(a)anthracene	0.82	0.070	0.8020	0	102	56.6	109			
Chrysene	4.0	0.20	4.020	0	99.0	57.6	110			
Benzo(b)fluoranthene	0.89	0.10	1.002	0	88.8	54.9	106			
Benzo(k)fluoranthene	0.50	0.070	0.5000	0	100	59.3	112			

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

1

Hall Environmental Analysis Laboratory, Inc.

WO#:

1602801

25-Feb-16

Client: Souder, Miller and Associates

Project: Rattlesnake Plant

Sample ID rb	Samp	ype: ME	BLK	TestCode: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batc	Batch ID: R32292			RunNo: 3	2292						
Prep Date:	Analysis Date: 2/19/2016			SeqNo: 987052			Units: µg/L	its: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Vinyl chloride	ND	1.0					The Property					
Xylenes, Total	ND	1.5										
Surr: 1,2-Dichloroethane-d4	11		10.00		109	70	130					
Surr: 4-Bromofluorobenzene	11		10.00		105	70	130					
Surr: Dibromofluoromethane	12		10.00		119	70	130					
Surr: Toluene-d8	10		10.00		101	70	130					

Qualifiers:

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- S % Recovery outside of range due to dilution or matrix
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- 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

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Hall Environmental Analysis Laboratory, Inc.

WO#:

1602801

25-Feb-16

Client: Souder, Miller and Associates

Project: Rattlesnake Plant

Sample ID rb	Sampl	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8260B: VOL	ATILES		
Client ID: PBW	Batc	h ID: R3	2292	F	RunNo: 3	2292				
Prep Date:	Analysis D	Date: 2/	19/2016	\$	SeqNo: 9	87052	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0			X 10.750					
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

WO#:

1602801

25-Feb-16

Client:

Souder, Miller and Associates

Project:

Rattlesnake Plant

Sample ID 100ng Ics	Samp	ype: LC	S	TestCode: EPA Method 8260B: VOLATILES							
Client ID: LCSW	Batc	n ID: R3	2292	F	RunNo: 3	2292					
Prep Date:	Analysis E	Date: 2/	19/2016	S	SeqNo: 9	87047	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	24	1.0	20.00	0	118	70	130				
oluene	20	1.0	20.00	0	102	70	130				
Chlorobenzene	21	1.0	20.00	0	103	70	130				
,1-Dichloroethene	23	1.0	20.00	0	114	70	130				
richloroethene (TCE)	23	1.0	20.00	0	113	70	130				
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130				
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130				
Surr: Dibromofluoromethane	12		10.00		117	70	130				
Surr: Toluene-d8	9.8		10.00		97.7	70	130				
Sample ID rb	Samp	уре: МЕ	BLK	Tes	tCode: E	PA Method	8260B: VOL	ATILES	No. of the		
Client ID: PBW	Batc	n ID: R3	2292	RunNo: 32292							
Prep Date:	Analysis E	Date: 2/	19/2016	5	SeqNo: 9	87052	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
enzene	ND	1.0									
oluene	ND	1.0									
thylbenzene	ND	1.0									
Methyl tert-butyl ether (MTBE)	ND	1.0									
,2,4-Trimethylbenzene	ND	1.0									
,3,5-Trimethylbenzene	ND	1.0									
,2-Dichloroethane (EDC)	ND	1.0									
,2-Dibromoethane (EDB)	ND	1.0									
laphthalene	ND	2.0									
-Methylnaphthalene	ND	4.0									
2-Methylnaphthalene	ND	4.0									
cetone	ND	10									
Bromobenzene	ND	1.0									
romodichloromethane	ND	1.0									
Bromoform	ND	1.0									
Fromomethane	ND	3.0									
-Butanone	ND	10									
Carbon disulfide	ND	10									
Carbon Tetrachloride	ND	1.0									
chlorobenzene	ND	1.0									
chloroethane	ND	2.0									
Chloroform	ND	1.0									
Chloromethane	ND	3.0									

Qualifiers:

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

Released to Imaging: 11/8/2023 4:25:02 PM

Lab Order 1602801

Date Reported: 2/25/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates

Project: Rattlesnake Plant

Lab ID: 1602801-001

Client Sample ID: Non Exempt Waste Tank

Collection Date: 2/18/2016 12:45:00 PM

Received Date: 2/19/2016 8:00:00 AM

Analyses	Result	PQL Qua	l Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				MA	Analyst	: AG
n-Propylbenzene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R32292
sec-Butylbenzene	ND	20	µg/L	20	2/19/2016 4:38:31 PM	R32292
Styrene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R32292
tert-Butylbenzene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R32292
1,1,1,2-Tetrachloroethane	ND	20	µg/L	20	2/19/2016 4:38:31 PM	R32292
1,1,2,2-Tetrachloroethane	ND	40	μg/L	20	2/19/2016 4:38:31 PM	R32292
Tetrachloroethene (PCE)	ND	20	µg/L	20	2/19/2016 4:38:31 PM	R32292
trans-1,2-DCE	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R32292
trans-1,3-Dichloropropene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R32292
1,2,3-Trichlorobenzene	ND	20	µg/L	20	2/19/2016 4:38:31 PM	R32292
1,2,4-Trichlorobenzene	ND	20	µg/L	20	2/19/2016 4:38:31 PM	R32292
1,1,1-Trichloroethane	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R32292
1,1,2-Trichloroethane	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R32292
Trichloroethene (TCE)	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R32292
Trichlorofluoromethane	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R32292
1,2,3-Trichloropropane	ND	40	µg/L	20	2/19/2016 4:38:31 PM	R32292
Vinyl chloride	ND	20	µg/L	20	2/19/2016 4:38:31 PM	R32292
Xylenes, Total	ND	30	µg/L	20	2/19/2016 4:38:31 PM	R32292
Surr: 1,2-Dichloroethane-d4	106	70-130	%Rec	20	2/19/2016 4:38:31 PM	R32292
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	20	2/19/2016 4:38:31 PM	R32292
Surr: Dibromofluoromethane	118	70-130	%Rec	20	2/19/2016 4:38:31 PM	R32292
Surr: Toluene-d8	101	70-130	%Rec	20	2/19/2016 4:38:31 PM	R32292

Matrix: AQUEOUS

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
- 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 11
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analytical Report Lab Order 1602801

Date Reported: 2/25/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates

Client Sample ID: Non Exempt Waste Tank

Project: Rattlesnake Plant

Collection Date: 2/18/2016 12:45:00 PM

Lab ID: 1602801-001 Matrix: AQUEOUS Received Date: 2/19/2016 8:00:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES					Analyst	: AG
Naphthalene	ND	40	μg/L	20	2/19/2016 4:38:31 PM	R3229
1-Methylnaphthalene	ND	80	μg/L	20	2/19/2016 4:38:31 PM	R3229
2-Methylnaphthalene	ND	80	μg/L	20	2/19/2016 4:38:31 PM	R3229
Acetone	1200	200	μg/L	20	2/19/2016 4:38:31 PM	R3229
Bromobenzene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R3229
Bromodichloromethane	ND	20	µg/L	20	2/19/2016 4:38:31 PM	R3229
Bromoform	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R3229
Bromomethane	ND	60	μg/L	20	2/19/2016 4:38:31 PM	R3229
2-Butanone	ND	200	μg/L	20	2/19/2016 4:38:31 PM	R3229
Carbon disulfide	ND	200	μg/L	20	2/19/2016 4:38:31 PM	R3229
Carbon Tetrachloride	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R3229
Chlorobenzene	ND	20	µg/L	20	2/19/2016 4:38:31 PM	R3229
Chloroethane	ND	40	μg/L	20	2/19/2016 4:38:31 PM	R3229
Chloroform	ND	20	µg/L	20	2/19/2016 4:38:31 PM	R322
Chloromethane	ND	60	µg/L	20	2/19/2016 4:38:31 PM	R322
2-Chlorotoluene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R322
4-Chlorotoluene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R322
cis-1,2-DCE	ND	20	µg/L	20	2/19/2016 4:38:31 PM	R322
cis-1,3-Dichloropropene	ND	20	µg/L	20	2/19/2016 4:38:31 PM	R322
1,2-Dibromo-3-chloropropane	ND	40	μg/L	20	2/19/2016 4:38:31 PM	R322
Dibromochloromethane	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R322
Dibromomethane	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R322
1,2-Dichlorobenzene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R322
1,3-Dichlorobenzene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R322
1,4-Dichlorobenzene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R322
Dichlorodifluoromethane	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R322
1,1-Dichloroethane	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R322
1,1-Dichloroethene	ND	20	µg/L	20	2/19/2016 4:38:31 PM	R322
1,2-Dichloropropane	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R322
1,3-Dichloropropane	ND	20	µg/L	20	2/19/2016 4:38:31 PM	R322
2,2-Dichloropropane	ND	40	μg/L	20	2/19/2016 4:38:31 PM	R322
1,1-Dichloropropene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R322
Hexachlorobutadiene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R322
2-Hexanone	ND	200	µg/L	20	2/19/2016 4:38:31 PM	R322
Isopropylbenzene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R322
4-Isopropyltoluene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R322
4-Methyl-2-pentanone	ND	200	μg/L	20	2/19/2016 4:38:31 PM	R322
Methylene Chloride	ND	60	μg/L	20	2/19/2016 4:38:31 PM	R3229
n-Butylbenzene	ND	60	µg/L	20	2/19/2016 4:38:31 PM	R3229

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

Qualifiers:	*	Value exceeds	Maximum	Contamina

- 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
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 11
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab ID:

1602801-001

Analytical Report

Lab Order 1602801

Date Reported: 2/25/2016

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: Non Exempt Waste Tank CLIENT: Souder, Miller and Associates

Project: Rattlesnake Plant Collection Date: 2/18/2016 12:45:00 PM Received Date: 2/19/2016 8:00:00 AM Matrix: AQUEOUS

Analyses	Result	PQL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 7470: MERCURY					Analyst	pmf
Mercury	ND	0.0010	mg/L	5	2/24/2016 7:27:50 AM	23897
EPA 6010B: TOTAL RECOVERABLE	METALS				Analyst	MED
Arsenic	ND	5.0	mg/L	1	2/25/2016 1:01:02 PM	23874
Barium	ND	100	mg/L	1	2/25/2016 1:01:02 PM	23874
Cadmium	ND	1.0	mg/L	1	2/25/2016 1:01:02 PM	23874
Chromium	ND	5.0	mg/L	1	2/25/2016 1:01:02 PM	23874
Lead	ND	5.0	mg/L	1	2/25/2016 1:01:02 PM	23874
Selenium	ND	1.0	mg/L	1	2/25/2016 1:01:02 PM	23874
Silver	ND	5.0	mg/L	1	2/25/2016 1:01:02 PM	23874
EPA METHOD 8310: PAHS					Analyst	: SCC
Naphthalene	ND	2.0	μg/L	1	2/23/2016 9:05:02 AM	23879
1-Methylnaphthalene	ND	2.0	µg/L	1	2/23/2016 9:05:02 AM	23879
2-Methylnaphthalene	ND	2.0	µg/L	1	2/23/2016 9:05:02 AM	23879
Acenaphthylene	ND	2.5	µg/L	1	2/23/2016 9:05:02 AM	23879
Acenaphthene	ND	2.0	µg/L	1	2/23/2016 9:05:02 AM	23879
Fluorene	ND	0.80	µg/L	1	2/23/2016 9:05:02 AM	23879
Phenanthrene	ND	0.60	μg/L	1	2/23/2016 9:05:02 AM	23879
Anthracene	ND	0.60	μg/L	1	2/23/2016 9:05:02 AM	23879
Fluoranthene	ND	0.30	μg/L	1	2/23/2016 9:05:02 AM	23879
Pyrene	ND	0.30	μg/L	1	2/23/2016 9:05:02 AM	23879
Benz(a)anthracene	ND	0.070	μg/L	1	2/23/2016 9:05:02 AM	23879
Chrysene	ND	0.20	μg/L	1	2/23/2016 9:05:02 AM	23879
Benzo(b)fluoranthene	ND	0.10	μg/L	1	2/23/2016 9:05:02 AM	23879
Benzo(k)fluoranthene	ND	0.070	μg/L	1	2/23/2016 9:05:02 AM	23879
Benzo(a)pyrene	ND	0.070	μg/L	1	2/23/2016 9:05:02 AM	23879
Dibenz(a,h)anthracene	0.52	0.12	μg/L	1	2/23/2016 9:05:02 AM	23879
Benzo(g,h,i)perylene	ND	0.12	μg/L	1	2/23/2016 9:05:02 AM	23879
Indeno(1,2,3-cd)pyrene	ND	0.25	μg/L	1	2/23/2016 9:05:02 AM	23879
Surr: Benzo(e)pyrene	59.0	33.4-129	%Rec	1	2/23/2016 9:05:02 AM	23879
EPA METHOD 8260B: VOLATILES					Analyst	: AG
Benzene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R3229
Toluene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R3229
Ethylbenzene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R3229
Methyl tert-butyl ether (MTBE)	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R3229
1,2,4-Trimethylbenzene	ND	20	µg/L	20	2/19/2016 4:38:31 PM	R3229
1,3,5-Trimethylbenzene	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R3229
1,2-Dichloroethane (EDC)	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R3229
1,2-Dibromoethane (EDB)	ND	20	μg/L	20	2/19/2016 4:38:31 PM	R3229

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

Qualifiers: Value exceeds Maximum Contaminant Level.

> Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded H

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

E Value above quantitation range

Analyte detected below quantitation limits Page 1 of 11

P Sample pH Not In Range

RL Reporting Detection Limit

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

February 25, 2016

Ashley Maxwell Souder, Miller and Associates 401 W. Broadway Farmington, NM 87401 TEL: (505) 325-5667 FAX (505) 327-1496

RE: Rattlesnake Plant OrderNo.: 1602801

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 2/19/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers 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

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Received by OCD: 11/8/2023 4:14:54 PM

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

Page 17 of 77 Form C-138 Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

REQUEST FOR ALTROVAL TO ACCES T SOLID WASTE
1. Generator Name and Address: Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401
2. Originating Site: Hart Canyon #1 Compressor Station
3. Location of Material (Street Address, City, State or ULSTR): UL H Section 29 Township 31 North Range 10 West; 36.872934, -107.900317, San Juan County, NM
I. Source and Description of Waste: Source: Water/Oil from the Non Exempt WasteWater Tanks and from the compressor skid drains. Description: Non Exempt/Non Hazardous Water from the compressor skids. Estimated Volume 100 yd3 bbls Known Volume (to be entered by the operator at the end of the haul) yd3/bbls
5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS
I, Thomas Long , representative or authorized agent for Enterprise Products Operating do hereby Generator Signature certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)
☐ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. Operator Use Only: Waste Acceptance Frequency ☐ Monthly ☐ Weekly ☐ Per Load
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)
☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS
W 1
I, Thomas Long 3-22-16, representative for Enterprise Products Operating authorize to complete Generator Signature the required testing/sign the Generator Waste Testing Certification.
t,, representative for
5. Transporter: To Be Determined
OCD Permitted Surface Waste Management Facility Name and Facility Permit #: *Agua Moss, LLC - Permit #: NM-01-009 Address of Facility: SW/4 NW/4 Section 2, Township 29N, Range Crouch Mesa, NM Method of Treatment and/or Disposal:
Waste Acceptance Status:
PRINT NAME: All (gn Holsen TITLE: Operater DATE: 1/2/17
SIGNATURE: TELEPHONE NO.: CSOS) 334 6186



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

March 21, 2016

Ashley Maxwell Souder, Miller and Associates 401 W. Broadway Farmington, NM 87401 TEL: (505) 325-5667

FAX

RE: Hart Canyon #1 OrderNo.: 1603699

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/15/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers 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

4901 Hawkins NE

Albuquerque, NM 87109

HALL ENVIRONMENTAL	ANALYSIS LABORATORY								(N	1 10	٧)	Air Bubbles					Examplements of Repart Telp Canadian Servers & Exercise Exercises
ME	2		4901 Hawkins NE - Albuquerque, NM 87109	20						141	24-	ime2) 0728					Report Freet C.
O	B	www.hallenvironmental.com	Z	Fax 505-345-4107	sst	-	-		_	(40		8250 (Semi		+			75 TC4
2	7	enta	due.	05-3	Analysis Request		s,80	Dd 8	3082	3/5	_	8081 Pestic					ist Rimore
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			3011	Tel. 505-345-3975								82108 H9T					SCLO : STEM Co
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me:	Rush KSM		Anser # 1			J.C	5 rd	12 MARKUS !!	LOLATSKN	Pres / □ No	rature: 2,9	Preservative HEAL No.	Decions -(D)				Work 3/4/10 1700 San Films Remarks: Full Vist Report T. Campour of the Time Company (Envision of the possibility Any sub-contrasted date will be clearly notated on the analytical report
Turn-Around Time:	Droiect Name	rioject ivalue.	Hant	Project #:		Project Manager:	fem !	JASC -	Sampler: R		Sample Temperature:	Container P	- carina				1 21174
Chain-of-Custody Record	Sm4		Mailing Address: 401 w Burgadus dey	formington 13m 87461	7535	-ax#: A sul E. ou	DA/OC Package: Souses mill &. Com	□ Standard □ Level 4 (Full Validation)	-	□ NELAP □ Other	□ EDD (Type)	Date Time Matrix Sample Request ID	: 14 16 10:37 Hrs Hard # 1 Everyst				Pate: Time: Relinquished by: Must P2 Must Dollar Received by:



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	A-FARM	Work Order Number:	1603699		RoptNo: 1
Received by/date:	AL.	03/15/16			
Logged By: Lin	ndsay Mangin	3/15/2016 8:00:00 AM		of the state of	
Completed By: Lin	ndsay Mangin	3/15/2016 8:13:56 AM		July Hogo	
Reviewed By:	2	13/15/16			
Chain of Custody	A	0)11/10	. —	A11 1	
	act on sample bottles	?	Yes 🗆	No 🗆	Not Present ☑
2. Is Chain of Custo			Yes 🗹	No 🗆	Not Present
3. How was the sam			Courier		
Log In					
	made to cool the sam	ples?	Yes 🔽	No 🗆	NA 🗆
5. Were all samples	received at a temper	ature of >0° C to 6.0°C	Yes 🗹	No 🗆	NA 🗆
6. Sample(s) in pro	per container(s)?		Yes 🗸	No 🗆	
7. Sufficient sample	volume for indicated	test(s)?	Yes 🗸	No 🗆	
	ept VOA and ONG) p		Yes 🗸	No 🗆	
9. Was preservative	added to bottles?		Yes 🗆	No 🗹	NA 🗆
10. VOA vials have z	ero headspace?		Yes 🗹	No 🗆	No VOA Vials
11. Were any sample	e containers received	broken?	Yes 🗆	No 🗹	# of preserved
12. Does paperwork (Note discrepance	match bottle labels? ies on chain of custoo	(v)	Yes 🗹	No 🗆	bottles checked for pH: (<2 or >12 unless noted)
13. Are matrices corr			Yes 🗹	No 🗆	Adjusted?
14. Is it clear what ar	nalyses were requeste	ed?	Yes 🔽	No 🗌	
	times able to be met? omer for authorization		Yes 🗹	No 🗆	Checked by:
Special Handling	(if applicable)				
	ed of all discrepancies	with this order?	Yes 🗆	No 🗆	NA 🗹
Person No By Whom: Regarding: Client Instr		Date Via:	eMail [Phone Fax	☐ In Person
17. Additional rema					- 14
	Temp °C Condition	Seal Intact Seal No	Seal Date	Signed By	
Page 1 of 1					

Hall Environmental Analysis Laboratory, Inc.

WO#:

1603699

21-Mar-16

Client:

Souder, Miller and Associates

Project:

Hart Canyon #1

Sample ID Icsd-24298

SampType: LCSD

TestCode: SEMIVOLATILE ORGANICS by 8270C

Client ID: LCSS02

Batch ID: 24298

RunNo: 32871

Prep Date: 3/17/2016

Analyte

Analysis Date: 3/17/2016

SeqNo: 1007480

SPK value SPK Ref Val

Units: mg/Kg

HighLimit

RPDLimit

Page 11 of 11

Qual

%REC 83.2

32

199

0

%RPD

Surr: 4-Terphenyl-d14

520

625.0

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded H

Not Detected at the Reporting Limit ND

R RPD outside accepted recovery limits

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits J

Sample pH Not In Range

Reporting Detection Limit RL

Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1603699

21-Mar-16

Client:

Souder, Miller and Associates

Project:

Hart Canyon #1

Sample ID Ics-24298	Samp	ype: LC	S	Tes	tCode: SI	EMIVOLAT	LE ORGANIC	CS by 8270	C		
Client ID: LCSW	Batc	h ID: 24	298	F	RunNo: 32871						
Prep Date: 3/17/2016	Analysis [Date: 3/	17/2016	SeqNo: 1007479			Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Acenaphthene	610	62	625.0	0	98.1	75.6	115				
4-Chloro-3-methylphenol	1300	120	1250	0	105	83.2	125				
2-Chlorophenol	1200	62	1250	0	98.1	77.9	120				
1,4-Dichlorobenzene	590	62	625.0	0	94.8	73.2	117				
2,4-Dinitrotoluene	460	62	625.0	0	72.9	60.2	104				
N-Nitrosodi-n-propylamine	660	62	625.0	0	106	71.4	132				
4-Nitrophenol	1100	62	1250	0	86.8	69.8	121				
Pentachlorophenol	1100	120	1250	0	86.9	51.3	106				
Phenol	1300	62	1250	0	104	81.2	116				
Pyrene	550	62	625.0	0	87.7	71	113				
1,2,4-Trichlorobenzene	670	62	625.0	0	107	68.6	133				
Surr: 2-Fluorophenol	1100		1250		89.0	52.1	148				
Surr: Phenol-d5	1300		1250		103	58.2	135				
Surr: 2,4,6-Tribromophenol	1200		1250		99.5	63.8	129				
Surr: Nitrobenzene-d5	630		625.0		102	43.5	189				
Surr: 2-Fluorobiphenyl	580		625.0		92.3	76.8	130				
Surr: 4-Terphenyl-d14	460		625.0		73.2	32	199				

Sample ID Icsd-24298	Sampl	Type: LC	SD	Tes	tCode: S	EMIVOLAT	ILE ORGANIC	CS by 8270	C	
Client ID: LCSS02	Batc	h ID: 24	298	F	RunNo: 3	2871				
Prep Date: 3/17/2016	Analysis Date: 3/17/2016			SeqNo: 1007480			Units: mg/F	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	640	62	625.0	0	102	75.6	115	4.19	20	
4-Chloro-3-methylphenol	1300	120	1250	0	105	83.2	125	0.152	20	
2-Chlorophenol	1300	62	1250	0	104	77.9	120	5.38	20	
1,4-Dichlorobenzene	620	62	625.0	0	98.6	73.2	117	3.93	20	
2,4-Dinitrotoluene	490	62	625.0	0	78.8	60.2	104	7.70	20	
N-Nitrosodi-n-propylamine	660	62	625.0	0	105	71.4	132	1.21	20	
4-Nitrophenol	1100	62	1250	0	90.7	69.8	121	4.42	20	
Pentachlorophenol	1100	120	1250	0	89.3	51.3	106	2.79	20	
Phenol	1300	62	1250	0	104	81.2	116	0.173	20	
Pyrene	590	62	625.0	0	93.6	71	113	6.53	20	
1,2,4-Trichlorobenzene	700	62	625.0	0	111	68.6	133	4.11	20	
Surr: 2-Fluorophenol	1200		1250		96.9	52.1	148	0	0	
Surr: Phenol-d5	1300		1250		105	58.2	135	0	0	
Surr: 2,4,6-Tribromophenol	1300		1250		101	63.8	129	0	0	
Surr: Nitrobenzene-d5	630		625.0		101	43.5	189	0	0	

625.0

Qualifiers:

Surr: 2-Fluorobiphenyl

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

590

- 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

76.8

130

E Value above quantitation range

94.2

- 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 10 of 11

Hall Environmental Analysis Laboratory, Inc.

WO#:

Page 9 of 11

1603699

21-Mar-16

Client: Souder, Miller and Associates

Project: Hart Canyon #1

Sample ID mb-24298		ype: ME		Tes	tCode: S	EMIVOLATI	LE ORGANIC	S by 8270	C	
Client ID: PBW	Batch	ID: 24	298	F	RunNo: 3	2871				
Prep Date: 3/17/2016	Analysis D	ate: 3/	17/2016	8	SeqNo: 1	007478	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4.4-Dinitrotoluene	ND	62								
2,6-Dinitrotoluene	ND	62								
Fluoranthene	ND	62								
Fluorene	ND	62								
fexachlorobenzene	ND	62								
Hexachlorobutadiene	ND	62								
Hexachlorocyclopentadiene	ND	62								
lexachloroethane	ND	62								
ndeno(1,2,3-cd)pyrene	ND	62								
sophorone	ND	62								
-Methylnaphthalene	ND	62								
2-Methylnaphthalene	ND	62								
-Methylphenol	ND	62								
3+4-Methylphenol	ND	62								
N-Nitrosodi-n-propylamine	ND	62								
N-Nitrosodimethylamine	ND	120								
I-Nitrosodiphenylamine	ND	62								
Vaphthalene	ND	62								
2-Nitroaniline	ND	120								
3-Nitroaniline	ND	120								
I-Nitroaniline	ND	120								
Nitrobenzene	ND	62								
2-Nitrophenol	ND	62								
1-Nitrophenol	ND	62								
Pentachlorophenol	ND	120								
Phenanthrene	ND	62								
Phenol	ND	62								
Pyrene	ND	62								
Pyridine	ND	120								
1,2,4-Trichlorobenzene	ND	62								
2,4,5-Trichlorophenol	ND	62								
2,4,6-Trichlorophenol	ND	62								
Surr: 2-Fluorophenol	1300		1250		100	52.1	148			
Surr: Phenol-d5	1300		1250		106	58.2	135			
Surr: 2,4,6-Tribromophenol	1200		1250		99.6	63.8	129			
Surr: Nitrobenzene-d5	630		625.0		100	43.5	189			
Surr: 2-Fluorobiphenyl	610		625.0		97.7	76.8	130			
Surr: 4-Terphenyl-d14	470		625.0		75.5	32	199			

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

Hall Environmental Analysis Laboratory, Inc.

WO#: 1

1603699 21-Mar-16

Client: S

Souder, Miller and Associates

Project:

Hart Canyon #1

Sample ID mb-24298	Samp	ype: MI	BLK	Tes	tCode: SI	EMIVOLAT	ILE ORGANIC	CS by 8270	C	
Client ID: PBW	Batc	n ID: 24	298	F	RunNo: 3	2871				
Prep Date: 3/17/2016	Analysis [ate: 3/	17/2016	5	SeqNo: 1	007478	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cenaphthene	ND	62								
Acenaphthylene	ND.	62								
villine	ND	62								
nthracene	ND	62								
enz(a)anthracene	ND	62								
enzidine	ND	120								
enzo(a)pyrene	ND	62								
enzo(b)fluoranthene	ND	62								
enzo(g,h,i)perylene	ND	62								
enzo(k)fluoranthene	ND	62								
enzoic acid	ND	120								
enzyl alcohol	ND	120								
is(2-chloroethoxy)methane	ND	62								
is(2-chloroethyl)ether	ND	62								
is(2-chloroisopropyl)ether	ND	120								
is(2-ethylhexyl)phthalate	ND	62								
Bromophenyl phenyl ether	ND	62								
utyl benzyl phthalate	ND	62								
arbazole	ND	62								
-Chlora-3-methylphenol	ND	120								
-Chloroaniline	ND	120								
-Chloronaphthalene	ND	62								
-Chlorophenol	ND	62								
-Chlorophenyl phenyl ether	ND	62								
thrysene	ND	62								
i-n-butyl phthalate	ND	62								
i-n-octyl phthalate	ND	62								
bibenz(a,h)anthracene	ND	75								
ibenzofuran	ND	62								
2-Dichlorobenzene	ND	62								
3-Dichlorobenzene	ND	62								
4-Dichlorobenzene	ND	62								
3'-Dichlorobenzidine	ND	62								
iethyl phthalate	ND	62								
limethyl phthalate	ND	75								
The state of the s										
4-Dichlorophenol 4-Dimethylphenol	ND	120								
	ND	62								
6-Dinitro-2-methylphenol	ND	120								
,4-Dinitrophenol	ND	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
- 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: 1603699

21-Mar-16

Client: Souder, Miller and Associates

Project: Hart Canyon #1

Sample ID rb	Samp	ype: ME	BLK	Tes	tCode: El	PA Method	8260B: VOL	ATILES		
Client ID: PBW	Batc	n ID: R3	2817	F	RunNo: 3	2817				
Prep Date:	Analysis D	Date: 3/	15/2016	\$	SeqNo: 1	005585	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.7		10.00		97.3	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		97.7	70	130			
Surr: Dibromofluoromethane	12		10.00		116	70	130			
Surr: Toluene-d8	9.9		10.00		98.5	70	130			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded H
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- B
- E Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Analyte detected in the associated Method Blank

Page 7 of 11

Hall Environmental Analysis Laboratory, Inc.

WO#:

Page 6 of 11

1603699

21-Mar-16

Client:

Souder, Miller and Associates

Project:

Hart Canyon #1

Sample ID rb	Samp	ype: MI	BLK	Tes	tCode: E	PA Method	8260B: VOL	ATILES		
Client ID: PBW	Batc	n ID: R3	2817	F	RunNo: 3	2817				
Prep Date:	Analysis [Date: 3	15/2016	\$	SeqNo: 1	005585	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
-Chlorotoluene	ND	1.0								
s-1,2-DCE	ND	1.0								
s-1,3-Dichloropropene	ND	1.0								
2-Dibromo-3-chloropropane	ND	2.0								
ibromochloromethane	ND	1.0								
ibromomethane	ND	1.0								
2-Dichlorobenzene	ND	1.0								
3-Dichlorobenzene	ND	1.0								
4-Dichlorobenzene	ND	1.0								
ichlorodifluoromethane	ND	1.0								
,1-Dichloroethane	ND	1.0								
,1-Dichloroethene	ND	1.0								
,2-Dichloropropane	ND	1.0								
3-Dichloropropane	ND	1.0								
2-Dichloropropane	ND	2.0								
,1-Dichloropropene	ND	1.0								
lexachlorobutadiene	ND	1.0								
-Hexanone	ND	10								
sopropylbenzene	ND	1.0								
-Isopropyltoluene	ND	1.0								
-Methyl-2-pentanone	ND	10								
lethylene Chloride	ND	3.0								
-Butylbenzene	ND	3.0								
-Propylbenzene	ND	1.0								
ec-Butylbenzene	ND	1.0								
tyrene	ND	1.0								
ert-Butylbenzene	ND	1.0								
,1,1,2-Tetrachloroethane	ND	1.0								
,1,2,2-Tetrachloroethane	ND	2.0								
etrachloroethene (PCE)	ND	1.0								
ans-1,2-DCE	ND	1.0								
ans-1,3-Dichloropropene	ND	1.0								
,2,3-Trichlorobenzene	ND	1.0								
,2,4-Trichlorobenzene	ND	1.0								
,1,1-Trichloroethane	ND	1.0								
,1,2-Trichloroethane	ND	1.0								
richloroethene (TCE)	ND	1.0								
richlorofluoromethane	ND	1.0								
,2,3-Trichloropropane	ND	2.0								

Qualifiers:

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

Released to Imaging: 11/8/2023 4:25:02 PM

Hall Environmental Analysis Laboratory, Inc.

WO#:

1603699

21-Mar-16

Client:

Souder, Miller and Associates

Project:

Hart Canyon #1

Sample ID 100ng Ics	Samp	Type: LC	cs	Tes	tCode: E	PA Method	8260B: VOL	ATILES		
Client ID: LCSW	Batc	h ID: R	32817	F	RunNo: 3	2817				
Prep Date:	Analysis [Date: 3	/15/2016		SeqNo: 1	005584	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	111	70	130			
Toluene	19	1.0	20.00	0	92.9	70	130			
Chlorobenzene	21	1.0	20.00	0	106	70	130			
1,1-Dichloroethene	23	1.0	20.00	0	115	70	130			
Trichloroethene (TCE)	23	1.0	20.00	0	114	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		106	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	12		10.00		122	70	130			
Surr: Toluene-d8	9.4		10.00		94.4	70	130			
Sample ID rb	Samp	Type: MI	BLK	Tes	tCode: E	PA Method	8260B: VOL	ATILES		
Client ID: PBW	Batc	h ID: R	32817	F	RunNo: 3	2817				
Prep Date:	Analysis [Date: 3	/15/2016		SeqNo: 1	005585	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Foluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
	140	2.0								

Qualifiers:

Chloroform Chloromethane

2-Chlorotoluene

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

ND

ND

3.0

1.0

- 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 5 of 11

College Station, TX 888.690.2218 • Gillette, WY 866.686.7175 • Helena, MT 877.472.0711

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental

Report Date: 03/21/16

		report bate.	00/21/10
Project:	Not Indicated	Work Order:	B16031365

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	SW7471B							Analytic	al Run:	HGCV202-B	160318B
Lab ID:	ICV	Init	ial Calibratio	on Verification S	Standard					03/18	/16 16:37
Mercury			0.00208	mg/kg	1.0	104	90	110			
Method:	SW7471B									Bat	ch: 97712
Lab ID:	MB-97712	Me	thod Blank				Run: HGC\	/202-B 160318E	3	03/18	/16 16:42
Mercury			0.002	mg/kg	0.0003						
Lab ID:	LCS3-97712	Lat	oratory Cor	ntrol Sample			Run: HGCV	/202-B_160318E	3	03/18	/16 16:44
Mercury			0.207	mg/kg	1.0	102	80	120			
Lab ID:	B16031273-001ADIL	Ser	rial Dilution				Run: HGCV	/202-B_160318E	3	03/18	/16 16:53
Mercury			787	mg/kg	120		0	0	3.5	10	
Lab ID:	B16031482-001AMS3	Sar	mple Matrix	Spike			Run: HGCV	/202-B_160318E	3	03/18	/16 17:05
Mercury			0.119	mg/kg	1.0	61	80	120			S
Lab ID:	B16031482-001AMSD) Sar	nple Matrix	Spike Duplicate	•		Run: HGCV	/202-B_160318E	3	03/18	/16 17:06
Mercury			0.131	mg/kg	1.0	74	80	120		20	S

Qualifiers:

RL - Analyte reporting limit.

S - Spike recovery outside of advisory limits.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental

Project: Not Indicated

Report Date: 03/21/16

Work Order: B16031365

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	SW6020									Bat	ch: 97662
Lab ID:	B16031171-006APDS	1 5 1	Post Digestion	/Distillation Spike			Run: ICPM	S202-B_160318A		03/18/	16 19:07
Selenium			24.7	mg/kg	1.0	96	75	125			
Silver			11.0	mg/kg	1.0	106	75	125			
Lab ID:	B16031171-006AMS3	5 :	Sample Matrix	Spike			Run: ICPM	S202-B_160318A		03/18/	16 19:18
Arsenic			108	mg/kg	1.0	105	75	125			
Cadmium			49.3	mg/kg	1.0	99	75	125			
Lead			123	mg/kg	1.0	118	75	125			
Selenium			98.2	mg/kg	1.0	99	75	125			
Silver			60.6	mg/kg	1.0	122	75	125			
Lab ID:	B16031171-006AMSD	5	Sample Matrix	Spike Duplicate			Run: ICPM	S202-B_160318A		03/18	16 19:21
Arsenic			106	mg/kg	1.0	104	75	125	1.4	20	
Cadmium			48.7	mg/kg	1.0	98	75	125	1.1	20	
Lead			124	mg/kg	1.0	119	75	125	0.7	20	
Selenium			96.2	mg/kg	1.0	97	75	125	2.0	20	
Silver			59.5	mg/kg	1.0	120	75	125	1.9	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental

Project: Not Indicated

Report Date: 03/21/16

Work Order: B16031365

Analyte		Coun	t Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	SW6020							Analytic	al Run: I	CPMS202-B	160318
Lab ID:	QCS	5	Initial Calibratio	on Verification	n Standard					03/18	/16 11:55
Arsenic			0.0511	mg/L	0.0010	102	90	110			
Cadmium			0.0246	mg/L	0.0010	98	90	110			
Lead			0.0479	mg/L	0.0010	96	90	110			
Selenium			0.0499	mg/L	0.0010	100	90	110			
Silver			0.0250	mg/L	0.0010	100	90	110			
Lab ID:	ICSA	5	Interference C	heck Sample	A					03/18	/16 12:07
Arsenic			0.000450	mg/L	0.0010						
Cadmium			0.000230	mg/L	0.0010						
Lead			0.000230	mg/L	0.0010						
Selenium			0.000140	mg/L	0.0010						
Silver			8.00E-05	mg/L	0.0010						
Lab ID:	ICSAB	5	Interference CI	heck Sample	AB					03/18	/16 12:10
Arsenic			0.0106	mg/L	0.0010	106	70	130			
Cadmium			0.00933	mg/L	0.0010	93	70	130			
Lead			0.000240	mg/L	0.0010		0	0			
Selenium			0.0100	mg/L	0.0010	100	70	130			
Silver			0.0180	mg/L	0.0010	90	70	130			
Method:	SW6020	_							_	Bat	ch: 9766
Lab ID:	MB-97662	5	Method Blank				Run: ICPM	S202-B_160318	BA	03/18	/16 18:48
Arsenic			ND	mg/kg	0.05						
Cadmium			0.03	mg/kg	0.008						
Lead			0.03	mg/kg	0.007						
Selenium			ND	mg/kg	0.06						
Silver			0.07	mg/kg	0.01						
Lab ID:	B16031171-006ADIL	5	Serial Dilution				Run: ICPM	S202-B_160318	BA	03/18	/16 18:54
Arsenic			3.08	mg/kg	1.3		0	0		10	N
Cadmium			0.493	mg/kg	1.0		0	0		10	N
Lead			6.71	mg/kg	1.0		0	0	1.0	10	
Selenium			ND	mg/kg	1.5		0	0		10	
Silver			ND	mg/kg	1.0		0	0		10	
Lab ID:	SRM2-97662	5	Standard Refe	rence Materia	al		Run: ICPM	S202-B_160318	BA	03/18	V16 19:05
Arsenic			ND	mg/kg	1.0		50	130			
Cadmium			98.9	mg/kg	1.0	99	70	130			
Lead			111	mg/kg	1.0	111	70	130			
Selenium			ND	mg/kg	1.0		70	130			
Silver			118	mg/kg	1.0	118	70	130			
Lab ID:	B16031171-006APDS	1 5	Post Digestion	/Distillation S	pike		Run: ICPM	S202-B_16031	ВА	03/18	116 19:07
Arsenic			28.4	mg/kg	1.0	99		125			
			24.1	mg/kg	1.0	93		125			
Cadmium											

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

N - The analyte concentration was not sufficiently high to calculate a RPD for the serial dilution test.



QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental

Project: Not Indicated

Report Date: 03/21/16

Work Order: B16031365

Analyte		Coun	t Result	Units	RL	%REC	Low Limit	High Limit	RPD F	RPDLimit	Qual
Method:	SW6010B							Analy	tical Run:	ICP203-B	_160317A
Lab ID:	QCS	2	Initial Calibratio	on Verification Sta	ndard					03/17	/16 11:01
Barium			0.804	mg/L	0.10	101	90	110			
Chromium			0.785	mg/L	0.050	98	90	110			
Lab ID:	ICSA	2	Interference C	heck Sample A						03/17	/16 11:04
Barium			ND	mg/L	0.10						
Chromium			-0.00234	mg/L	0.050						
Lab ID:	ICSAB	2	Interference Cl	heck Sample AB						03/17	7/16 11:08
Barium			0.472	mg/L	0.10	94	80	120			
Chromium			0.451	mg/L	0.050	90	80	120			
Method:	SW6010B									Ва	tch: 97662
Lab ID:	MB-97662	2	Method Blank				Run: ICP20	3-B_160317A		03/17	/16 22:02
Barium			0.02	mg/kg	0.01						
Chromium			ND	mg/kg	0.07						
Lab ID:	SRM2-97662	2	Standard Refe	rence Material			Run: ICP20	3-B_160317A		03/17	7/16 22:37
Barium			89.8	mg/kg	5.0	90	70	130			
Chromium			92.0	mg/kg	5.0	92	70	130			
Lab ID:	SRM3-97662	2	Standard Refe	rence Material			Run: ICP20	3-B_160317A		03/17	7/16 22:41
Barium			162	mg/kg	5.0	87	78	120			
Chromium			96.3	mg/kg	5.0	82	73	120			
Lab ID:	B16031171-006ADIL	2	Serial Dilution				Run: ICP20	3-B_160317A		03/17	7/16 23:09
Barium			42.4	mg/kg	1.0		0	0	6.6	10	
Chromium			3.59	mg/kg	1.0		0	0		10	N
Lab ID:	B16031171-006APDS	2	Post Digestion	/Distillation Spike			Run: ICP20	3-B_160317A		03/17	7/16 23:19
Barium			133	mg/kg	1.0	91	75	125			
Chromium			94.3	mg/kg	1.0	88	75	125			
Lab ID:	B16031171-006AMS3	3 2	Sample Matrix	Spike			Run: ICP20	3-B_160317A		03/17	7/16 23:22
Barium			153	mg/kg	1.0	114	75	125			
Chromium			91.2	mg/kg	1.0	88	75	125			
Lab ID:	B16031171-006AMSI	0 2	Sample Matrix	Spike Duplicate			Run: ICP20	03-B_160317A		03/1	7/16 23:26
Barium			129	mg/kg	1.0	91	75	125	17	20	
Chromium			93.7	mg/kg	1.0	90	75	125	2.7	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

N - The analyte concentration was not sufficiently high to calculate a RPD for the serial dilution test.



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client:

Hall Environmental

Project: Lab ID:

Not Indicated B16031365-001

Client Sample ID: 1603699-001C Hart Canyon Non Exempt

Report Date: 03/21/16

Collection Date: 03/14/16 10:37

DateReceived: 03/16/16

Matrix: Oil

					MCL		
Analyses	Result	Units	Qualifiers	RL	QCL	Method	Analysis Date / By
METALS, TOTAL - EPA SW846							
Arsenic	ND	mg/kg		0.2		SW6020	03/18/16 18:59 / mas
Barium	4.6	mg/kg		0.5		SW6010B	03/17/16 23:33 / mas
Cadmium	0.12	mg/kg		0.05		SW6020	03/18/16 18:59 / mas
Chromium	0.7	mg/kg		0.1		SW6010B	03/17/16 23:33 / mas
Lead	2.8	mg/kg		0.1		SW6020	03/18/16 18:59 / mas
Mercury	ND	mg/kg		0.01		SW7471B	03/18/16 16:59 / ser
Selenium		mg/kg		0.2		SW6020	03/18/16 18:59 / mas
Silver	ND	mg/kg	D	0.08		SW6020	03/18/16 18:59 / mas

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix.

MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

Lab Order 1603699

Date Reported: 3/21/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates

1603699-001

Client Sample ID: Hart #1 Non Exempt

Project: Hart Canyon #1

Lab ID:

Collection Date: 3/14/2016 10:37:00 AM Received Date: 3/15/2016 8:00:00 AM

Analyses Result PQL Qual Units DF Date Analyzed Batch **EPA METHOD 8260B: VOLATILES** Analyst: AG 200 3/15/2016 6:40:00 PM R32817 1,1-Dichloropropene ND 0.20 mg/L Hexachlorobutadiene ND 0.20 mg/L 200 3/15/2016 6:40:00 PM R32817 R32817 2-Hexanone ND 2.0 200 3/15/2016 6:40:00 PM mg/L Isopropylbenzene ND 0.20 200 3/15/2016 6:40:00 PM R32817 mg/L 200 3/15/2016 6:40:00 PM 4-Isopropyltoluene ND 0.20 mg/L R32817 4-Methyl-2-pentanone 200 3/15/2016 6:40:00 PM R32817 ND 2.0 mg/L Methylene Chloride ND 200 3/15/2016 6:40:00 PM R32817 0.60 mg/L n-Butylbenzene 200 3/15/2016 6:40:00 PM R32817 ND 0.60 mg/L n-Propylbenzene 200 3/15/2016 6:40:00 PM R32817 ND 0.20 mg/L sec-Butylbenzene ND 0.20 mg/L 200 3/15/2016 6:40:00 PM R32817 Styrene ND 0.20 mg/L 200 3/15/2016 6:40:00 PM R32817 tert-Butylbenzene ND 0.20 200 3/15/2016 6:40:00 PM R32817 mg/L 200 3/15/2016 6:40:00 PM 1,1,1,2-Tetrachloroethane R32817 ND 0.20 mg/L 1,1,2,2-Tetrachloroethane 200 3/15/2016 6:40:00 PM R32817 ND 0.40 mg/L Tetrachloroethene (PCE) ND 0.20 mg/L 200 3/15/2016 6:40:00 PM R32817 trans-1,2-DCE ND 0.20 mg/L 200 3/15/2016 6:40:00 PM R32817 trans-1,3-Dichloropropene 200 3/15/2016 6:40:00 PM R32817 ND 0.20 mg/L 1,2,3-Trichlorobenzene ND 0.20 200 3/15/2016 6:40:00 PM R32817 mg/L 1,2,4-Trichlorobenzene ND 0.20 mg/L 200 3/15/2016 6:40:00 PM R32817 1,1,1-Trichloroethane ND 0.20 200 3/15/2016 6:40:00 PM R32817 mg/L 1,1,2-Trichloroethane 200 3/15/2016 6:40:00 PM R32817 ND 0.20 mg/L R32817 Trichloroethene (TCE) ND 200 3/15/2016 6:40:00 PM 0.20 mg/L Trichlorofluoromethane ND 0.20 200 3/15/2016 6:40:00 PM R32817 mg/L 1,2,3-Trichloropropane ND 0.40 mg/L 200 3/15/2016 6:40:00 PM R32817 Vinyl chloride ND 200 3/15/2016 6:40:00 PM R32817 0.20 mg/L Xylenes, Total ND 0.30 mg/L 200 3/15/2016 6:40:00 PM R32817 Surr: 1,2-Dichloroethane-d4 106 70-130 %Rec 200 3/15/2016 6:40:00 PM R32817 Surr: 4-Bromofluorobenzene 200 3/15/2016 6:40:00 PM R32817 104 70-130 %Rec Surr: Dibromofluoromethane 200 3/15/2016 6:40:00 PM R32817 118 70-130 %Rec

Matrix: AQUEOUS

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

70-130

%Rec

107

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 4 of 11

200 3/15/2016 6:40:00 PM

R32817

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

Surr: Toluene-d8

Lab Order 1603699

Date Reported: 3/21/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates

Client Sample ID: Hart #1 Non Exempt

et #1 Man Evamet

Project: Lab ID:

Hart Canyon #1 1603699-001

Matrix: AQUEOUS

Collection Date: 3/14/2016 10:37:00 AM Received Date: 3/15/2016 8:00:00 AM

Analyses	Result	PQL Qual	Units	DF Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst	AG
Benzene	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R32817
Toluene	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R32817
Ethylbenzene	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R32817
Methyl tert-butyl ether (MTBE)	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R32817
1,2,4-Trimethylbenzene	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R32817
1,3,5-Trimethylbenzene	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
1,2-Dichloroethane (EDC)	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
1,2-Dibromoethane (EDB)	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
Naphthalene	ND	0.40	mg/L	200 3/15/2016 6:40:00 PM	R3281
1-Methylnaphthalene	ND	0.80	mg/L	200 3/15/2016 6:40:00 PM	R3281
2-Methylnaphthalene	ND	0.80	mg/L	200 3/15/2016 6:40:00 PM	R3281
Acetone	ND	2.0	mg/L	200 3/15/2016 6:40:00 PM	R3281
Bromobenzene	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
Bromodichloromethane	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
Bromoform	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
Bromomethane	ND	0.60	mg/L	200 3/15/2016 6:40:00 PM	R3281
2-Butanone	ND	2.0	mg/L	200 3/15/2016 6:40:00 PM	R3281
Carbon disulfide	ND	2.0	mg/L	200 3/15/2016 6:40:00 PM	R3281
Carbon Tetrachloride	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
Chlorobenzene	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
Chloroethane	ND	0.40	mg/L	200 3/15/2016 6:40:00 PM	R3281
Chloroform	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
Chloromethane	ND	0.60	mg/L	200 3/15/2016 6:40:00 PM	R3281
2-Chlorotoluene	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
4-Chlorotoluene	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
cis-1,2-DCE	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
cis-1,3-Dichloropropene	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
1,2-Dibromo-3-chloropropane	ND	0.40	mg/L	200 3/15/2016 6:40:00 PM	R3281
Dibromochloromethane	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
Dibromomethane	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
1,2-Dichlorobenzene	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
1,3-Dichlorobenzene	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
1,4-Dichlorobenzene	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
Dichlorodifluoromethane	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
1,1-Dichloroethane	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
1,1-Dichloroethene	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
1,2-Dichloropropane	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
1,3-Dichloropropane	ND	0.20	mg/L	200 3/15/2016 6:40:00 PM	R3281
2,2-Dichloropropane	ND	0.40	mg/L	200 3/15/2016 6:40:00 PM	R3281

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
- 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 11
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1603699

Date Reported: 3/21/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates

1603699-001

Client Sample ID: Hart #1 Non Exempt

Project: Hart Canyon #1

Lab ID:

Collection Date: 3/14/2016 10:37:00 AM Received Date: 3/15/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batc
SEMIVOLATILE ORGANICS BY 8270C						Analyst:	DAM
2,4-Dinitrotoluene	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
2,6-Dinitrotoluene	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
Fluoranthene	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
Fluorene	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
Hexachlorobenzene	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
Hexachlorobutadiene	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
Hexachlorocyclopentadiene	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
Hexachloroethane	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
Indeno(1,2,3-cd)pyrene	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
Isophorone	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
1-Methylnaphthalene	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
2-Methylnaphthalene	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
2-Methylphenol	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
3+4-Methylphenol	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
N-Nitrosodi-n-propylamine	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
N-Nitrosodimethylamine	ND	640	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
N-Nitrosodiphenylamine	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
Naphthalene	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	242
2-Nitroaniline	ND	640	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
3-Nitroaniline	ND	640	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
4-Nitroaniline	ND	640	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
Nitrobenzene	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
2-Nitrophenol	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
4-Nitrophenol	ND	320	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429
Pentachlorophenol	ND	640	D	mg/Kg	10	3/17/2016 12:09:40 PM	2429

ND

ND

ND

ND

ND

ND

ND

123

126

126

128

120

90.9

Matrix: AQUEOUS

EPA METHOD 8260B: VOLATILES

Analyst: AG

24298

24298

24298

24298

24298

24298

24298

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

320

320

320

640

320

320

320

52.1-148

58.2-135

63.8-129

43.5-189

76.8-130

32-199

D

D

D

D

D

D

D

D

D

D

D

D

D

3					
O	na	li	fi	e	rs

Phenanthrene

1,2,4-Trichlorobenzene

2,4,5-Trichlorophenol

2,4,6-Trichlorophenol

Surr: Phenol-d5

Surr: 2-Fluorophenol

Surr: Nitrobenzene-d5

Surr: 2-Fluorobiphenyl

Surr: 4-Terphenyl-d14

Surr: 2,4,6-Tribromophenol

Phenol

Pyrene

Pyridine

- * 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

10

10

10

3/17/2016 12:09:40 PM

3/17/2016 12:09:40 PM 3/17/2016 12:09:40 PM

3/17/2016 12:09:40 PM

3/17/2016 12:09:40 PM

3/17/2016 12:09:40 PM 24298

3/17/2016 12:09:40 PM 24298

3/17/2016 12:09:40 PM 24298

10 3/17/2016 12:09:40 PM

- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 11
- P Sample pH Not In Range

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

%Rec

%Rec

%Rec

%Rec

%Rec

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

Received by OCD: 11/8/2023 4:14:54 PM

1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Page 36 of 77 Form C-138 Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE
. Generator Name and Address: nterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401
Originating Site: San Juan Manzanares Compressor Station
Location of Material (Street Address, City, State or ULSTR): UL H Section 17 Township 29 North Range 9 West; 36.726358, -107.794560, San Juan County, NM
Source and Description of Waste: ource: Water/Oil from the Non Exempt WasteWater Tanks and from the compressor skid drains. Description: Non Exempt/Non Hazardous Water from the compressor skids. stimated Volume 80 yd bbls Known Volume (to be entered by the operator at the end of the haul) yd bbls
GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS
Thomas Long, representative or authorized agent for Enterprise Products Operating do hereby Generator Signature ertify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 egulatory determination, the above described waste is: (Check the appropriate classification)
RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. **Operator Use Only: Waste Acceptance Frequency Monthly Weekly Per Load**
□ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)
☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS
Thomas Long, representative for Enterprise Products Operating authorize to complete Generator Signature ne required testing/sign the Generator Waste Testing Certification.
, representative for Agua Moss, LLC do hereby certify that expresentative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples are been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 9.15.36 NMAC.
. Transporter: Various Apporved Trucking
OCD Permitted Surface Waste Management Facility
Name and Facility Permit #: *Agua Moss, LLC - Permit #: NM-01-009 Address of Facility: SW/4 NW/4 Section 2, Township 29N, Range Crouch Mesa, NM
Method of Treatment and/or Disposal: Evaporation Injection Treating Plant Landfarm Landfill Other
Waste Acceptance Status: APPROVED DENIED (Must Be Maintained As Permanent Record
PRINT NAME: Alem Holson TITLE: Grevater DATE: 1/2/17 SIGNATURE: TELEPHONE NO.:
Surface Waste Management Facility Authorized Agent



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

Website: www.hallenvironmental.com

Sample Log-In Check List

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

Client Name: SMA-FARM Work Order Number	er: 1603245	*	RcptNo: 1	
Received by/date: JA 03/04/14				
Logged By: Anne Thorne 3/4/2016 8:15:00 AM		anne Sham		
Completed By: Anne Thorne 3/4/2016		an Am		
Reviewed By: 10 03/04/16				
Chain of Custody				
1. Custody seals intact on sample bottles?	Yes 🗆	No 🗆	Not Present 🗹	
2. Is Chain of Custody complete?	Yes 🗹	No 🗆	Not Present	,
3. How was the sample delivered?	Courier			
Log In				
4. Was an attempt made to cool the samples?	Yes 🗸	No 🗆	NA 🗆	
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes 🗹	No 🗆	NA 🗆	
6. Sample(s) in proper container(s)?	Yes 🗹	No 🗆		
7. Sufficient sample volume for indicated test(s)?	Yes 🗹	No 🗆		
8. Are samples (except VOA and ONG) properly preserved?	Yes 🗸	No 🗆		
9. Was preservative added to bottles?	Yes 🗌	No 🗸	NA 🗆	
10.VOA vials have zero headspace?	Yes 🗹	No 🗆	No VOA Vials	
11. Were any sample containers received broken?	Yes 🗆	No 🗸	# of preserved	
		N- []	bottles checked / for pH:	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes 🗸	No 🗆	(2) or >12 unless	note
13. Are matrices correctly identified on Chain of Custody?	Yes 🗸	No 🗆	Adjusted? ///	
14. Is it clear what analyses were requested?	Yes 🗸	No 🗆	0	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes 🗸	No 🗆	Checked by:	_
Special Handling (if applicable) 16. Was client notified of all discrepancies with this order?	Yes 🗆	No 🗆	NA ☑	
Person Notified: Date				±
By Whom: Via:	'I. □ eMail □	Phone Fax	☐ In Person	
Regarding:				
Client Instructions:	V. 10 1000			
17. Additional remarks:				
18. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No	Seal Date	Signed By		
1 1.8 Good Yes	Ocui Dato			

Hall Environmental Analysis Laboratory, Inc.

WO#:

1603245

06-Apr-16

Client: Souder, Miller and Associates

Project: Manzanares (SJ) CS

Sample ID MB-24136	Samp	Type: ME	BLK	Tes	tCode: El	PA 6010B:	Total Recove	rable Met	als	
Client ID: PBW	Bato	h ID: 24	136	F	RunNo: 3	2664				
Prep Date: 3/8/2016	Analysis I	Date: 3/	9/2016	\$	SeqNo: 9	99450	Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.020		1				1		
Barium	ND	0.020								
Cadmium	ND	0.0020								
Chromium	ND	0.0060								
ead	ND	0.0050								
Selenium	ND	0.050								
Silver	ND	0.0050								

Sample ID LCS-24136 Client ID: LCSW		SampType: LCS Batch ID: 24136			TestCode: EPA 6010B: Total Recoverable Metals RunNo: 32664						
Prep Date: 3/8/2016		Date: 3/			SeqNo: 9		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Arsenic	0.51	0.020	0.5000	0	103	80	120	-14			
Barium	0.49	0.020	0.5000	0	98.0	80	120				
Cadmium	0.50	0.0020	0.5000	0	99.1	80	120				
Chromium	0.49	0.0060	0.5000	0	98.8	80	120				
Lead	0.49	0.0050	0.5000	0	97.6	80	120				
Selenium	0.50	0.050	0.5000	0	100	80	120				
Silver	0.10	0.0050	0.1000	0	102	80	120				

Sample ID LCSD-24136	Samp	Type: LC	SD	Tes	tCode: El	PA 6010B:	Total Recove	rable Meta	als		
Client ID: LCSS02	LCSS02 Batch ID: 24136				RunNo: 32664						
Prep Date: 3/8/2016	Analysis	Date: 3/	9/2016	\$	SeqNo: 9	99452	Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Arsenic	0.50	0.020	0.5000	0	101	80	120	1.64	20	4 6 8 7	
Barium	0.49	0.020	0.5000	0	97.7	80	120	0.323	20		
Cadmium	0.49	0.0020	0.5000	0	98.6	80	120	0.577	20		
Chromium	0.49	0.0060	0.5000	0	98.6	80	120	0.203	20		
ead	0.49	0.0050	0.5000	0	97.9	80	120	0.315	20		
Selenium	0.51	0.050	0.5000	0	101	80	120	1.30	20		
Silver	0.10	0.0050	0.1000	0	101	80	120	0.757	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
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 8 of 8

Hall Environmental Analysis Laboratory, Inc.

WO#:

1603245

06-Apr-16

Client:

Souder, Miller and Associates

Project:

Prep Date:

Manzanares (SJ) CS

Sample ID MB-24111

SampType: MBLK

Analysis Date: 3/8/2016

PQL

TestCode: EPA Method 7470: Mercury

Client ID:

PBW Batch ID: 24111

RunNo: 32641 SeqNo: 998810

Units: mg/L

RPDLimit

Qual

Analyte Mercury

SPK value SPK Ref Val

%REC

LowLimit

HighLimit

%RPD

ND 0.00020

Sample ID LCS-24111 LCSW

3/7/2016

3/7/2016

SampType: LCS Batch ID: 24111 TestCode: EPA Method 7470: Mercury

RunNo: 32641 SeqNo: 998811

LowLimit

Units: mg/L

HighLimit

Analyte

Client ID:

Prep Date:

Result

SPK value SPK Ref Val %REC 0.005000

0

%RPD

RPDLimit

Qual

Mercury

PQL 0.0051 0.00020

Analysis Date: 3/8/2016

101

120

Page 7 of 8

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

% Recovery outside of range due to dilution or matrix

Not Detected at the Reporting Limit ND

R RPD outside accepted recovery limits Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits J

Sample pH Not In Range

RL Reporting Detection Limit

Sample container temperature is out of limit as specified

Released to Imaging: 11/8/2023 4:25:02 PM

Hall Environmental Analysis Laboratory, Inc.

WO#: 1603245

06-Apr-16

Client: Souder, Miller and Associates

Project: Manzanares (SJ) CS

Sample ID 100ng Ics2	Samp	Type: LC	S	Tes	tCode: E	ATILES				
Client ID: LCSW	Batc	Batch ID: C32762			RunNo: 32762					
Prep Date:	Analysis E	Date: 3/	12/2016	\$	SeqNo: 1	003118	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20	1.0	20.00	0	101	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	93.8	70	130			
Surr: 1,2-Dichloroethane-d4	9.5		10.00		94.6	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		110	70	130			
Surr: Dibromofluoromethane	9.3		10.00		93.4	70	130			
Surr: Toluene-d8	9.7		10.00		96.8	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
- 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 6 of 8

Hall Environmental Analysis Laboratory, Inc.

WO#:

1603245

06-Apr-16

Client: Souder, Miller and Associates

Project: Manzanares (SJ) CS

Sample ID rb2	SampType: MBLK			Tes	tCode: El	PA Method	8260B: VOL	ATILES		
Client ID: PBW	Batc	h ID: C3	2762	F	RunNo: 3	2762				
Prep Date:	Analysis [Date: 3/	12/2016		SeqNo: 1	003117	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	1.0								
lexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
sopropylbenzene	ND	1.0								
-Isopropyltoluene	ND	1.0								
-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
ec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
ert-Butylbenzene	ND	1.0								
,1,1,2-Tetrachloroethane	ND	1.0								
,1,2,2-Tetrachloroethane	ND	2.0								
etrachloroethene (PCE)	ND	1.0								
rans-1,2-DCE	ND	1.0								
rans-1,3-Dichloropropene	ND	1.0								
,2,3-Trichlorobenzene	ND	1.0								
,2,4-Trichlorobenzene	ND	1.0								
,1,1-Trichloroethane	ND	1.0								
,1,2-Trichloroethane	ND	1.0								
richloroethene (TCE)	ND	1.0								
richlorofluoromethane	ND	1.0								
,2,3-Trichloropropane	ND	2.0								
inyl chloride	ND	1.0								
(ylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.2		10.00		91.7	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		107	70				
Surr: Dibromofluoromethane	9.3		10.00		92.8	70				
Surr: Toluene-d8	9.6		10.00		96.1	70				

Sample ID 100ng Ics2				TestCode: EPA Method 8260B: VOLATILES							
Client ID: LCSW				F	RunNo: 32762						
Prep Date:	Analysis D	Date: 3/	12/2016	S	SeqNo: 1	003118	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	20	1.0	20.00	0	97.9	70	130				
Toluene	21	1.0	20.00	0	106	70	130				
Chlorobenzene	21	1.0	20.00	0	105	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

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 8

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1603245

06-Apr-16

Client:

Souder, Miller and Associates

Project:

Manzanares (SJ) CS

Sample ID rb2	SampT	ype: MI	BLK	Tes	tCode: El	PA Method	8260B: VOL	ATILES		
Client ID: PBW	Batch	n ID: C3	2762	F	RunNo: 3	2762				
Prep Date:	Analysis D	ate: 3	12/2016	\$	SeqNo: 1	003117	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
,3,5-Trimethylbenzene	ND	1.0								
,2-Dichloroethane (EDC)	ND	1.0								
,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
I-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
,2-Dichlorobenzene	ND	1.0								
,3-Dichlorobenzene	ND	1.0								
,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- 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 4 of 8

Lab ID:

Analytical Report Lab Order 1603245

Received Date: 3/4/2016 8:15:00 AM

Date Reported: 4/6/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates Client Sample ID: Manzanares T4 -5 Non Exempt

Project: Manzanares (SJ) CS Collection Date: 3/3/2016 10:49:00 AM 1603245-001 Matrix: AQUEOUS

Analyses	Result	PQL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst:	DJF
n-Propylbenzene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
sec-Butylbenzene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
Styrene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
tert-Butylbenzene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
1,1,1,2-Tetrachloroethane	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
1,1,2,2-Tetrachloroethane	ND	0.40	mg/L	200 3/12/2016 11:20:06 AM	C32762
Tetrachloroethene (PCE)	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
trans-1,2-DCE	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
trans-1,3-Dichloropropene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
1,2,3-Trichlorobenzene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
1,2,4-Trichlorobenzene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
1,1,1-Trichloroethane	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
1,1,2-Trichloroethane	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
Trichloroethene (TCE)	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
Trichlorofluoromethane	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
1,2,3-Trichloropropane	ND	0.40	mg/L	200 3/12/2016 11:20:06 AM	C32762
Vinyl chloride	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
Xylenes, Total	ND	0.30	mg/L	200 3/12/2016 11:20:06 AM	C32762
Surr: 1,2-Dichloroethane-d4	93.8	70-130	%Rec	200 3/12/2016 11:20:06 AM	C32762
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	200 3/12/2016 11:20:06 AM	C32762
Surr: Dibromofluoromethane	92.8	70-130	%Rec	200 3/12/2016 11:20:06 AM	C32762
Surr: Toluene-d8	96.6	70-130	%Rec	200 3/12/2016 11:20:06 AM	C32762

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
- 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
- Value above quantitation range
- Analyte detected below quantitation limits Page 3 of 8
- P Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Date Reported: 4/6/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates Client Sample ID: Manzanares T4 -5 Non Exempt

Project: Manzanares (SJ) CS Collection Date: 3/3/2016 10:49:00 AM

Lab ID: 1603245-001 Matrix: AQUEOUS Received Date: 3/4/2016 8:15:00 AM

Analyses	Result	PQL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES		- 12		Analyst	DJF
Naphthalene	ND	0.40	mg/L	200 3/12/2016 11:20:06 AM	C32762
1-Methylnaphthalene	ND	0.80	mg/L	200 3/12/2016 11:20:06 AM	C32762
2-Methylnaphthalene	ND	0.80	mg/L	200 3/12/2016 11:20:06 AM	C32762
Acetone	ND	2.0	mg/L	200 3/12/2016 11:20:06 AM	C32762
Bromobenzene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C32762
Bromodichloromethane	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
Bromoform	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
Bromomethane	ND	0.60	mg/L	200 3/12/2016 11:20:06 AM	C3276
2-Butanone	ND	2.0	mg/L	200 3/12/2016 11:20:06 AM	C3276
Carbon disulfide	ND	2.0	mg/L	200 3/12/2016 11:20:06 AM	C3276
Carbon Tetrachloride	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
Chlorobenzene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
Chloroethane	ND	0.40	mg/L	200 3/12/2016 11:20:06 AM	C3276
Chloroform	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
Chloromethane	ND	0.60	mg/L	200 3/12/2016 11:20:06 AM	C3276
2-Chlorotoluene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
4-Chlorotoluene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
cis-1,2-DCE	0.36	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
cis-1,3-Dichloropropene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
1,2-Dibromo-3-chloropropane	ND	0.40	mg/L	200 3/12/2016 11:20:06 AM	C3276
Dibromochloromethane	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
Dibromomethane	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
1,2-Dichlorobenzene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
1,3-Dichlorobenzene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
1,4-Dichlorobenzene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
Dichlorodifluoromethane	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
1,1-Dichloroethane	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
1,1-Dichloroethene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
1,2-Dichloropropane	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
1,3-Dichloropropane	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
2,2-Dichloropropane	ND	0.40	mg/L	200 3/12/2016 11:20:06 AM	C3276
1,1-Dichloropropene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
Hexachlorobutadiene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
2-Hexanone	ND	2.0	mg/L	200 3/12/2016 11:20:06 AM	C3276
Isopropylbenzene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
4-Isopropyltoluene	ND	0.20	mg/L	200 3/12/2016 11:20:06 AM	C3276
4-Methyl-2-pentanone	ND	2.0	mg/L	200 3/12/2016 11:20:06 AM	C3276
Methylene Chloride	ND	0.60	mg/L	200 3/12/2016 11:20:06 AM	C3276
n-Butylbenzene	ND	0.60	mg/L	200 3/12/2016 11:20:06 AM	C3276

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 2 of 8
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Date Reported: 4/6/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates Client Sample ID: Manzanares T4 -5 Non Exempt

Project: Manzanares (SJ) CS Collection Date: 3/3/2016 10:49:00 AM

Lab ID: 1603245-001 Matrix: AQUEOUS Received Date: 3/4/2016 8:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8270C TCLP					Analyst	: DAM
2-Methylphenol	ND	200	mg/L	1	3/12/2016 11:11:54 PM	24087
3+4-Methylphenol	ND	200	mg/L	1	3/12/2016 11:11:54 PM	24087
Phenol	ND	200	mg/L	1	3/12/2016 11:11:54 PM	24087
2,4-Dinitrotoluene	ND	0.13	mg/L	1	3/12/2016 11:11:54 PM	24087
Hexachlorobenzene	ND	0.13	mg/L	1	3/12/2016 11:11:54 PM	24087
Hexachlorobutadiene	ND	0.50	mg/L	1	3/12/2016 11:11:54 PM	24087
Hexachloroethane	ND	3.0	mg/L	1	3/12/2016 11:11:54 PM	24087
Nitrobenzene	ND	2.0	mg/L	1	3/12/2016 11:11:54 PM	24087
Pentachlorophenol	ND	100	mg/L	1	3/12/2016 11:11:54 PM	24087
Pyridine	ND	5.0	mg/L	1	3/12/2016 11:11:54 PM	24087
2,4,5-Trichlorophenol	ND	400	mg/L	1	3/12/2016 11:11:54 PM	24087
2,4,6-Trichlorophenol	ND	2.0	mg/L	1	3/12/2016 11:11:54 PM	24087
Cresols, Total	ND	200	mg/L	1	3/12/2016 11:11:54 PM	24087
Surr: 2-Fluorophenol	66.1	15-124	%Rec	1	3/12/2016 11:11:54 PM	24087
Surr: Phenol-d5	50.5	15-118	%Rec	1	3/12/2016 11:11:54 PM	24087
Surr: 2,4,6-Tribromophenol	66.7	15-148	%Rec	1	3/12/2016 11:11:54 PM	24087
Surr: Nitrobenzene-d5	102	40.6-124	%Rec	1	3/12/2016 11:11:54 PM	24087
Surr: 2-Fluorobiphenyl	95.8	35.7-128	%Rec	1	3/12/2016 11:11:54 PM	24087
Surr: 4-Terphenyl-d14	72.7	18.8-115	%Rec	1	3/12/2016 11:11:54 PM	24087
EPA METHOD 7470: MERCURY					Analys	pmf
Mercury	0.024	0.0020	mg/L	10	3/8/2016 11:42:44 AM	24111
EPA 6010B: TOTAL RECOVERABLE I	METALS				Analys	: MED
Arsenic	ND	0.20	mg/L	1	3/16/2016 7:55:46 AM	24136
Barium	ND	0.20	mg/L	1	3/16/2016 7:55:46 AM	24136
Cadmium	ND	0.020	mg/L	1	3/16/2016 7:55:46 AM	24136
Chromium	ND	0.060	mg/L	1	3/16/2016 7:55:46 AM	24136
Lead	0.060	0.050	mg/L	1	3/16/2016 7:55:46 AM	24136
Selenium	ND	0.50	mg/L	1	3/16/2016 7:55:46 AM	24136
Silver	ND	0.050	mg/L	1	3/16/2016 7:55:46 AM	24136
EPA METHOD 8260B: VOLATILES					Analys	: DJF
Benzene	ND	0.20	mg/L	200	3/12/2016 11:20:06 AM	C3276
Toluene	ND	0.20	mg/L	200	3/12/2016 11:20:06 AM	C3276
Ethylbenzene	ND	0.20	mg/L	200	3/12/2016 11:20:06 AM	C3276
Methyl tert-butyl ether (MTBE)	ND	0.20	mg/L	200	3/12/2016 11:20:06 AM	C3276
1,2,4-Trimethylbenzene	ND	0.20	mg/L		3/12/2016 11:20:06 AM	
1,3,5-Trimethylbenzene	ND	0.20	mg/L		3/12/2016 11:20:06 AM	
1,2-Dichloroethane (EDC)	ND	0.20	mg/L	200	3/12/2016 11:20:06 AM	C3276
1,2-Dibromoethane (EDB)	ND	0.20	mg/L	200	3/12/2016 11:20:06 AM	C3276

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

Qualifiers:	*	Value exceeds	Maximum	Contaminant	Leve
Qualificis.		value exceeds	IVIAAIIIIUIII	Comaminant	LUVU

- 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
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 8
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Aug 47 of 77

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

Form C-138 Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address: Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401
2. Originating Site: Kutz Compressor Station
3. Location of Material (Street Address, City, State or ULSTR): UL N Section 31 Township 29 North Range 12 West; 36.723088, -108.088655, San Juan County, NM
4. Source and Description of Waste: Source: Water/Oil from the Non Exempt WasteWater Tanks and from the compressor skid drains. Description: Non Exempt/Non Hazardous Water from the compressor skids. Estimated Volume 100 yd3 bbls Known Volume (to be entered by the operator at the end of the haul) yd3/bbls
5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS
I, Thomas Long , representative or authorized agent for Enterprise Products Operating do hereby Generator Signature certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)
RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. **Operator Use Only: Waste Acceptance Frequency Monthly Weekly Per Load**
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)
☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS
I, Thomas Long , representative for Enterprise Products Operating authorize to complete Generator Signature the required testing/sign the Generator Waste Testing Certification.
I,, representative for
5. Transporter: Triple S Trucking
OCD Permitted Surface Waste Management Facility Name and Facility Permit #: *Agua Moss, LLC - Permit #: NM-01-009 Address of Facility: SW/4 NW/4 Section 2, Township 29N, Range Crouch Mesa, NM Method of Treatment and/or Disposal:
□ Evaporation □ Injection □ Treating Plant □ Landfarm □ Landfill □ Other Waste Acceptance Status: □ DENIED (Must Be Maintained As Permanent Record)
PRINT NAME: SALVE HiggMS SIGNATURE: STREET DATE: 8/23/18 TITLE: SALVE DATE: 8/23/18 TELEPHONE NO.: 505-436-94-35

Received by OCD: 11/8/2023 4:14:54 PM

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

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

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

EKP 18 MAR 17 Form C-138 Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

DECLIEST FOR ADDROVAL TO ACCEPT SOLID WASTE

REQUEST FOR AFFROVAL TO ACCEL I SOLID WASTE
Generator Name and Address: nterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401
Originating Site:
Kutz Compressor Station
Location of Material (Street Address, City, State or ULSTR): UL N Section 31 Township 29 North Range 12 West; 36.723088, -108.088655, San Juan County, NM
Source and Description of Waste:
ource: Water/Oil from the Non Exempt WasteWater Tanks and from the compressor skid drains. escription: Non Exempt/Non Hazardous Water from the compressor skids.
stimated Volume 100 yd bbls Known Volume (to be entered by the operator at the end of the haul) yd bbls
GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS
Thomas Long James Long, representative or authorized agent for Enterprise Products Operating do hereby
Generator Signature ertify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988
egulatory determination, the above described waste is: (Check the appropriate classification)
☐ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. Operator Use Only: Waste Acceptance Frequency ☐ Monthly ☐ Weekly ☐ Per Load
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous be characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)
MSDS Information ⊠ RCRA Hazardous Waste Analysis ⊠ Process Knowledge □ Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS
Thomas Long 3-21-16, representative for Enterprise Products Operating authorize to complete Generator Signature ne required testing/sign the Generator Waste Testing Certification.
, representative for <u>Agua Moss, LLC</u> do hereby certify that
epresentative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples ave been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 9.15.36 NMAC.
. Transporter: Triple S Trucking
OCD Permitted Surface Waste Management Facility
Name and Facility Permit #: *Agua Moss, LLC - Permit #: NM-01-009 Address of Facility: SW/4 NW/4 Section 2, Township 29N, Range Crouch Mesa, NM
Method of Treatment and/or Disposal: Evaporation Injection Treating Plant Landfarm Dandfill Other
Waste Acceptance Status: APPROVED DENIED (Must Be Maintained As Permanent Record
PRINT NAME: Arrian Holson TITLE: Devatur DATE: 1/2/17 SIGNATURE: TELEPHONE NO.:
Surface Waste Management Facility Authorized Agent



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

March 18, 2016

Ashley Maxwell Souder, Miller and Associates 401 W. Broadway Farmington, NM 87401 TEL: (505) 325-5667

FAX

RE: Kutz CS OrderNo.: 1603530

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/10/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers 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

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

WO#:

Page 5 of 8

1603530

18-Mar-16

Client: Souder, Miller and Associates

Project: Kutz CS

Sample ID rb	Samp	Type: MI	BLK	Tes	TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batc	h ID: R3	2783	F	RunNo: 3	2783					
Prep Date:	Analysis [Date: 3/	14/2016	8	eqNo: 1	004412	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit %RPD RPDLimit Qua				
1,1-Dichloropropene	ND	1.0									
Hexachlorobutadiene	ND	1.0									
2-Hexanone	ND	10									
Isopropylbenzene	ND	1.0									
4-Isopropyltoluene	ND	1.0									
4-Methyl-2-pentanone	ND	10									
Methylene Chloride	ND	3.0									
n-Butylbenzene	ND	3.0									
n-Propylbenzene	ND	1.0									
sec-Butylbenzene	ND	1.0									
Styrene	ND	1.0									
tert-Butylbenzene	ND	1.0									
1,1,1,2-Tetrachloroethane	ND	1.0									
1,1,2,2-Tetrachloroethane	ND	2.0									
Tetrachloroethene (PCE)	ND	1.0									
trans-1,2-DCE	ND	1.0									
trans-1,3-Dichloropropene	ND	1.0									
1,2,3-Trichlorobenzene	ND	1.0									
1,2,4-Trichlorobenzene	ND	1.0									
1,1,1-Trichloroethane	ND	1.0									
1,1,2-Trichloroethane	ND	1.0									
Trichloroethene (TCE)	ND	1.0									
Trichlorofluoromethane	ND	1.0									
1,2,3-Trichloropropane	ND	2.0									
Vinyl chloride	ND	1.0									
Xylenes, Total	ND	1.5									
Surr: 1,2-Dichloroethane-d4	8.9		10.00		89.3	70	130				
Surr: 4-Bromofluorobenzene	11		10.00		108	70	130				
Surr: Dibromofluoromethane	9.1		10.00		91.0	70	130				
Surr: Toluene-d8	9.7		10.00		96.6	70	130				

Sample ID 100ng Ics	ample ID 100ng Ics SampType: LCS			Tes						
ient ID: LCSW Batch ID: R32783				F	RunNo: 32783					
Prep Date:	Analysis D	Date: 3/	14/2016	S	eqNo: 1	004413	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	96.3	70	130			
Toluene	23	1.0	20.00	0	117	70	130			
Chlorobenzene	22	1.0	20.00	0	111	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

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

Released to Imaging: 11/8/2023 4:25:02 PM

Hall Environmental Analysis Laboratory, Inc.

WO#:

1603530

18-Mar-16

Client:

Souder, Miller and Associates

Project:

Kutz CS

Sample ID rb	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8260B: VOL	ATILES				
Client ID: PBW	Batc	h ID: R3	2783	F	RunNo: 32783							
Prep Date:	Analysis E	Date: 3/	14/2016	\$	SeqNo: 1	004412	Units: µg/L					
Analyte	Result	PQL SPK value		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	ND	1.0					harana sa	- T				
Toluene	ND	1.0										
Ethylbenzene	ND	1.0										
Methyl tert-butyl ether (MTBE)	ND	1.0										
,2,4-Trimethylbenzene	ND	1.0										
,3,5-Trimethylbenzene	ND	1.0										
,2-Dichloroethane (EDC)	ND	1.0										
,2-Dibromoethane (EDB)	ND	1.0										
laphthalene	ND	2.0										
-Methylnaphthalene	ND	4.0										
2-Methylnaphthalene	ND	4.0										
Acetone	ND	10										
Bromobenzene	ND	1.0										
Iromodichloromethane	ND	1.0										
Bromoform	ND	1.0										
Iromomethane	ND	3.0										
-Butanone	ND	10										
arbon disulfide	ND	10										
arbon Tetrachloride	ND	1.0										
chlorobenzene	ND	1.0										
Chloroethane	ND	2.0										
Chloroform	ND	1.0										
Chloromethane	ND	3.0										
-Chlorotoluene	ND	1.0										
-Chlorotoluene	ND	1.0										
is-1,2-DCE	ND	1.0										
is-1,3-Dichloropropene	ND	1.0										
,2-Dibromo-3-chloropropane	ND	2.0										
libromochloromethane	ND	1.0										
Dibromomethane	ND	1.0										
,2-Dichlorobenzene	ND	1.0										
,3-Dichlorobenzene	ND	1.0										
4-Dichlorobenzene	ND	1.0										
ichlorodifluoromethane	ND	1.0										
1-Dichloroethane	ND											
1-Dichloroethene	ND	1.0										
2-Dichloropropane		1.0										
,3-Dichloropropane	ND ND	1.0										
.2-Dichloropropane	ND ND	1.0	100									

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 4 of 8

Date Reported: 3/18/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates

Client Sample ID: Kutz Non Exempt

Project: Kutz CS

Collection Date: 3/9/2016 8:53:00 AM

Lab ID: 1603530-001

Matrix: AQUEOUS Recei

Received Date: 3/10/2016 7:25:00 AM

Analyses	Result	PQL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst	: DJF
n-Propylbenzene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
sec-Butylbenzene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
Styrene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
tert-Butylbenzene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
1,1,1,2-Tetrachloroethane	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
1,1,2,2-Tetrachloroethane	ND	0.40	mg/L	200 3/14/2016 9:10:23 PM	R32783
Tetrachloroethene (PCE)	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
trans-1,2-DCE	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
trans-1,3-Dichloropropene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
1,2,3-Trichlorobenzene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
1,2,4-Trichlorobenzene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
1,1,1-Trichloroethane	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
1,1,2-Trichloroethane	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
Trichloroethene (TCE)	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
Trichlorofluoromethane	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
1,2,3-Trichloropropane	ND	0.40	mg/L	200 3/14/2016 9:10:23 PM	R32783
Vinyl chloride	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
Xylenes, Total	0.38	0.30	mg/L	200 3/14/2016 9:10:23 PM	R32783
Surr: 1,2-Dichloroethane-d4	89.2	70-130	%Rec	200 3/14/2016 9:10:23 PM	R32783
Surr: 4-Bromofluorobenzene	113	70-130	%Rec	200 3/14/2016 9:10:23 PM	R32783
Surr: Dibromofluoromethane	95.0	70-130	%Rec	200 3/14/2016 9:10:23 PM	R32783
Surr: Toluene-d8	94.5	70-130	%Rec	200 3/14/2016 9:10:23 PM	R32783

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 3 of 8
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Date Reported: 3/18/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates

Client Sample ID: Kutz Non Exempt

Project: Kutz CS

Collection Date: 3/9/2016 8:53:00 AM

Lab ID: 1603530-001 Matrix: AQUEOUS Received Date: 3/10/2016 7:25:00 AM

Analyses	Result	PQL Q	Qual Units	DF Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES				Analyst	DJF
Naphthalene	ND	0.40	mg/L	200 3/14/2016 9:10:23 PM	R32783
1-Methylnaphthalene	ND	0.80	mg/L	200 3/14/2016 9:10:23 PM	R32783
2-Methylnaphthalene	ND	0.80	mg/L	200 3/14/2016 9:10:23 PM	R32783
Acetone	ND	2.0	mg/L	200 3/14/2016 9:10:23 PM	R32783
Bromobenzene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R32783
Bromodichloromethane	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
Bromoform	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
Bromomethane	ND	0.60	mg/L	200 3/14/2016 9:10:23 PM	R3278
2-Butanone	ND	2.0	mg/L	200 3/14/2016 9:10:23 PM	R3278
Carbon disulfide	ND	2.0	mg/L	200 3/14/2016 9:10:23 PM	R3278
Carbon Tetrachloride	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
Chlorobenzene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
Chloroethane	ND	0.40	mg/L	200 3/14/2016 9:10:23 PM	R3278
Chloroform	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
Chloromethane	ND	0.60	mg/L	200 3/14/2016 9:10:23 PM	R3278
2-Chlorotoluene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
4-Chlorotoluene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
cis-1,2-DCE	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
cis-1,3-Dichloropropene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
1,2-Dibromo-3-chloropropane	ND	0.40	mg/L	200 3/14/2016 9:10:23 PM	R3278
Dibromochloromethane	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
Dibromomethane	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
1,2-Dichlorobenzene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
1,3-Dichlorobenzene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
1,4-Dichlorobenzene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
Dichlorodifluoromethane	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
1,1-Dichloroethane	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
1,1-Dichloroethene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
1,2-Dichloropropane	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
1,3-Dichloropropane	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
2,2-Dichloropropane	ND	0.40	mg/L	200 3/14/2016 9:10:23 PM	R3278
1,1-Dichloropropene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
Hexachlorobutadiene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
2-Hexanone	ND	2.0	mg/L	200 3/14/2016 9:10:23 PM	R3278
Isopropylbenzene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
4-Isopropyltoluene	ND	0.20	mg/L	200 3/14/2016 9:10:23 PM	R3278
4-Methyl-2-pentanone	ND	2.0	mg/L	200 3/14/2016 9:10:23 PM	R3278
Methylene Chloride	ND	0.60	mg/L	200 3/14/2016 9:10:23 PM	R3278
n-Butylbenzene	ND	0.60	mg/L	200 3/14/2016 9:10:23 PM	R3278

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 8
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Date Reported: 3/18/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates

Client Sample ID: Kutz Non Exempt

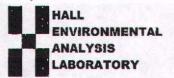
Project: Kutz CS Collection Date: 3/9/2016 8:53:00 AM Lab ID: 1603530-001

Matrix: AQUEOUS Received Date: 3/10/2016 7:25:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8270C TCLP		7.75				Analyst	DAM
2-Methylphenol	ND	200		mg/L	1	3/16/2016 4:27:41 PM	24177
3+4-Methylphenol	ND	200		mg/L	1	3/16/2016 4:27:41 PM	24177
Phenol	ND	200		mg/L	1	3/16/2016 4:27:41 PM	24177
2,4-Dinitrotoluene	ND	0.13		mg/L	1	3/16/2016 4:27:41 PM	24177
Hexachlorobenzene	ND	0.13		mg/L	1	3/16/2016 4:27:41 PM	24177
Hexachlorobutadiene	ND	0.50		mg/L	1	3/16/2016 4:27:41 PM	24177
Hexachloroethane	ND	3.0		mg/L	1	3/16/2016 4:27:41 PM	24177
Nitrobenzene	ND	2.0		mg/L	1	3/16/2016 4:27:41 PM	24177
Pentachlorophenol	ND	100		mg/L	1	3/16/2016 4:27:41 PM	24177
Pyridine	ND	5.0		mg/L	1	3/16/2016 4:27:41 PM	24177
2,4,5-Trichlorophenol	ND	400		mg/L	1	3/16/2016 4:27:41 PM	24177
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	3/16/2016 4:27:41 PM	24177
Cresols, Total	ND	200		mg/L	1	3/16/2016 4:27:41 PM	24177
Surr: 2-Fluorophenol	17.2	15-124		%Rec	1	3/16/2016 4:27:41 PM	24177
Surr: Phenol-d5	24.6	15-118		%Rec	1	3/16/2016 4:27:41 PM	24177
Surr: 2,4,6-Tribromophenol	32.4	15-148		%Rec	1	3/16/2016 4:27:41 PM	24177
Surr: Nitrobenzene-d5	99.0	40.6-124		%Rec	1	3/16/2016 4:27:41 PM	24177
Surr: 2-Fluorobiphenyl	105	35.7-128		%Rec	1	3/16/2016 4:27:41 PM	24177
Surr: 4-Terphenyl-d14	113	18.8-115		%Rec	1	3/16/2016 4:27:41 PM	24177
EPA METHOD 7470: MERCURY						Analyst	pmf
Mercury	ND	0.0040		mg/L	5	3/14/2016 5:20:44 PM	24205
EPA 6010B: TOTAL RECOVERABLE	METALS					Analyst	: MED
Arsenic	ND	0.020		mg/L	1	3/16/2016 8:11:07 AM	24202
Barium	0.11	0.020		mg/L	1	3/16/2016 8:11:07 AM	24202
Cadmium	0.0037	0.0020		mg/L	1	3/16/2016 8:11:07 AM	24202
Chromium	ND	0.0060		mg/L	1	3/16/2016 8:11:07 AM	24202
Lead	0.016	0.0050		mg/L	1	3/16/2016 8:11:07 AM	24202
Selenium	ND	0.050		mg/L	1	3/16/2016 8:11:07 AM	24202
Silver	ND	0.0050		mg/L	1	3/16/2016 8:11:07 AM	24202
EPA METHOD 8260B: VOLATILES						Analyst	: DJF
Benzene	0.42	0.20	Co.	mg/L	200	3/14/2016 9:10:23 PM	R3278
Toluene	0.97	0.20		mg/L	200	3/14/2016 9:10:23 PM	R3278
Ethylbenzene	ND	0.20		mg/L	200	3/14/2016 9:10:23 PM	R3278
Methyl tert-butyl ether (MTBE)	ND	0.20		mg/L	200	3/14/2016 9:10:23 PM	R3278
1,2,4-Trimethylbenzene	ND	0.20		mg/L	200	3/14/2016 9:10:23 PM	R3278
1,3,5-Trimethylbenzene	ND	0.20		mg/L	200	3/14/2016 9:10:23 PM	R3278
1,2-Dichloroethane (EDC)	ND	0.20		mg/L	200	3/14/2016 9:10:23 PM	R3278
1,2-Dibromoethane (EDB)	ND	0.20		mg/L	200	3/14/2016 9:10:23 PM	R3278

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

- Value exceeds Maximum Contaminant Level.
- 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
- Analyte detected in the associated Method Blank В
- Value above quantitation range E
- Analyte detected below quantitation limits Page 1 of 8
- P Sample pH Not In Range
- Reporting Detection Limit RL
- 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

Client Name: SMA-FARM Work Order Num	nber: 1603530		RcptNo: 1
Received by/date: 84 03 10 110			
Logged By: Lindsay Mangin 3/10/2016 7:25:00	AM	Study Hages	
Completed By: Lindsay Mangin 3/10/2016 8:50:04	AM	July Alligo	
Reviewed By: 03/10/16			
Chain of Custody			
Custody seals intact on sample bottles?	Yes 🗆	No 🗆	Not Present 🗹
2. Is Chain of Custody complete?	Yes 🗹	No 🗆	Not Present
3. How was the sample delivered?	Courier		
<u>Log In</u>			
4. Was an attempt made to cool the samples?	Yes 🗸	No 🗆	NA 🗆
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes 🗹	No 🗆	NA 🗆
6. Sample(s) in proper container(s)?	Yes 🗸	No 🗆	
7. Sufficient sample volume for indicated test(s)?	Yes 🗸	No 🗆	
Are samples (except VOA and ONG) properly preserved?	Yes 🗸	No 🗆	
Was preservative added to bottles?	Yes 🗌	No 🗹	NA 🗆
10. VOA vials have zero headspace?	Yes 🗹	No 🗆	No VOA Vials
11. Were any sample containers received broken?	Yes	No 🗹	# of preserved
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes 🗹	No 🗆	bottles checked for pH: (<2 or >12 unless no
13. Are matrices correctly identified on Chain of Custody?	Yes 🗹	No 🗆	Adjusted?
14. Is it clear what analyses were requested?	Yes 🗸	No 🗆	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes 🗸	No □	Checked by:
Special Handling (if applicable)			
16. Was client notified of all discrepancies with this order?	Yes 🗌	No 🗆	NA 🗹
	ate	Phone Fax	☐ In Person
Regarding: Client Instructions:	THE CONTRACT OF THE CONTRACT O		COLLEGE COLLEG
17. Additional remarks:			
18. Cooler Information			
Cooler No Temp °C Condition Seal Intact Seal N 1 1.0 Good Yes	lo Seal Date	Signed By	

E 8 8	/8/2023 4:14:54 PM	946 8:83	Date Time	NELAP	ccreditation	A/QC Package	e,	hone #:	ailing Address: 401	Pag	e sont	of 77 Chai
Relinquished by: Relinquished by: Respective to the state of the state		3 420	e Matrix	Other		je.	tac e	Annis.			424	n-of-Cu
Time: Relinquished by: Time: Relinquished by: Received by:		Kutz spapt	Sample Request ID			□ Level 4 (Full Validation)		Jakes mer mates	w. Boso cay			Chain-of-Custody Record
Received by: Recei		VA Rivers	Container Type and #	On Ice:	10	Jama C	Project Manager:	Project #:	Ku	Project Name:	Standard	Turn-Around Time:
Markey of the accredited laboratories		(Acion)	Preservative Type	erature: /,	SAME (Cons/shills	ger: /		+2 CS		□ Rush_	ime:
Date Time Date Time Date Time This serves as notice		100-	HEAL No.) No	/At you	y Waxax !						
Rem			BTEX + MT	BE+	TME	s's (802	1)					
Remarks:			BTEX + MT					Tel.	4901			
87260			TPH 8015B		-	KO / IVI	(0)	Tel. 505-345-3975	4901 Hawkins NE			
ontrack			EDB (Metho					45-39	kins N	WWW	Z	>
ted data		×	PAH's (831)	0 018	270	SIMS)		975 AI	1	v.hall	A	F
Content		X	RCRA 8 Me				0.1	Fax 505-345- Analysis Request	Albu	www.hallenvironmental.com	ALYSIS	
Stiffer Leaves be clearly notate			Anions (F,C				-	x 500 is Re	querq	nme		1
To A Designation of the second		1	8260B (VO	-	000	2100		ques	ue, N	ntal.c	2	RO
Report Crace Ent			8270 (Semi)			Fax 505-345-4107 lysis Request	Albuquerque, NM 87109	om	30	Z
Remarks: Remarks: Report Telp 87 60 Full List; Report Telp									109		LABORATORY	ENVIRONMENTAL
Priss Prost						<i>p</i> .					0	E
TELP Limits TELP Limits TELP Limits TELP Limits			Air Bubbles	(Y or	· N)						RY	F

Hall Environmental Analysis Laboratory, Inc.

WO#: 1603530

18-Mar-16

Client: Souder, Miller and Associates

Project: Kutz CS

Sample ID 100ng Ics	Samp	Type: LC	S	Tes	tCode: E	PA Method	8260B: VOL	ATILES			
Client ID: LCSW	Batc	h ID: R3	2783	F	RunNo: 3	2783					
Prep Date:	Analysis E	Date: 3/	14/2016	SeqNo: 1004413 U			Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	20	1.0	20.00	0	100	70	130				
Trichloroethene (TCE)	19	1.0	20.00	0	95.1	70	130				
Surr: 1,2-Dichloroethane-d4	8.5		10.00		85.1	70	130				
Surr: 4-Bromofluorobenzene	12		10.00		117	70	130				
Surr: Dibromofluoromethane	8.8		10.00		88.4	70	130				
Surr: Toluene-d8	10		10.00		105	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
- 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 6 of 8

Hall Environmental Analysis Laboratory, Inc.

WO#:

1603530

18-Mar-16

Client:

Souder, Miller and Associates

Project:

Kutz CS

Sample ID	MB-24205
The state of the s	

3/10/2016

SampType: MBLK

TestCode: EPA Method 7470: Mercury

Client ID: PBW Batch ID: 24205

Analysis Date: 3/14/2016

RunNo: 32782

SeqNo: 1004533

LowLimit

Units: mg/L

HighLimit

RPDLimit Qual

Analyte Mercury

Prep Date:

PQL ND 0.00020

Sample ID LCS-24205

SampType: LCS

TestCode: EPA Method 7470: Mercury

Client ID: LCSW Prep Date: 3/10/2016

Batch ID: 24205 Analysis Date: 3/14/2016 RunNo: 32782 SeqNo: 1004534

Units: mg/L

Qual

Analyte

Result

SPK value SPK Ref Val %REC

SPK value SPK Ref Val %REC

HighLimit LowLimit

%RPD

%RPD

Mercury

Client ID:

Prep Date:

0.0052

PQL 0.00020 0.005000

104

RPDLimit

Sample ID 1603530-001CMS **Kutz Non Exempt**

SampType: MS

TestCode: EPA Method 7470: Mercury Batch ID: 24205

0.02000

0.02000

RunNo: 32782

Units: mg/L

Analyte Mercury

3/10/2016

Analysis Date: 3/14/2016 Result

0.011

Result

0.011

SeqNo: 1004572 SPK value SPK Ref Val %REC

LowLimit

%RPD **HighLimit**

RPDLimit

Qual S

Sample ID 1603530-001CMSD Client ID:

Prep Date:

Kutz Non Exempt

SampType: MSD Batch ID: 24205

PQL

0.0040

POL

0.0040

TestCode: EPA Method 7470: Mercury

47.9

RunNo: 32782

LowLimit

75

Qual

Analyte Mercury

3/10/2016

Analysis Date: 3/14/2016

0.001462

SPK value SPK Ref Val

0.001462

SeqNo: 1004573

%REC

48.4

Units: mg/L **HighLimit**

125

%RPD 0.806 **RPDLimit** 20

S

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

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

Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits J

Page 7 of 8

P Sample pH Not In Range

Reporting Detection Limit RL Sample container temperature is out of limit as specified

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2017 Page 59 of 77

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

Form C-138 Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE
1. Generator Name and Address: Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401
2. Originating Site: Chaco Gas Plant
3. Location of Material (Street Address, City, State or ULSTR): UL M Section 16, T26N, R12W; 36.482905, -108.119193, San Juan County, NM
4. Source and Description of Waste: Source: Water/Oil from the Non Exempt WasteWater Tanks and from the compressor skid drains. Description: Non Exempt/Non Hazardous Water from the compressor skids. Estimated Volume 120 yd3 bbls Known Volume (to be entered by the operator at the end of the haul) 4933 yd3/bbls
5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS I, Thomas Long James Long, representative or authorized agent for Enterprise Products Operating do hereby
Generator Signature certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)
RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. **Operator Use Only: Waste Acceptance Frequency Monthly Weekly Per Load**
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)
☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS
I, Thomas Long, representative for Enterprise Products Operating authorize to complete Generator Signature the required testing/sign the Generator Waste Testing Certification.
I,, representative for
5. Transporter: Triple S Trucking
OCD Permitted Surface Waste Management Facility Name and Facility Permit #: *Agua Moss, LLC - Permit #: NM-01-009 Address of Facility: SW/4 NW/4 Section 2, Township 29N, Range Crouch Mesa, NM
Method of Treatment and/or Disposal: Evaporation Injection Treating Plant Landfarm Landfill Other Waste Acceptance Status:
APPROVED DENIED (Must Be Maintained As Permanent Recor
PRINT NAME: SALUE LIGHT TITLE: SUPERINTENSAIL DATE: 12/17 SIGNATURE: Surface Waste Management Facility Authorized Agent

Received by OCD: 11/8/2023 4:14:54 PM
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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Page 60 of 77 Form C-138 Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

. Generator Name and Address: Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401
. Originating Site: Chaco Gas Plant
. Location of Material (Street Address, City, State or ULSTR): UL M Section 16, T26N, R12W; 36.482905, -108.119193, San Juan County, NM
Source and Description of Waste: Source: Water/Oil from the Non Exempt WasteWater Tanks and from the compressor skid drains. Description: Non Exempt/Non Hegardous Water from the compressor skids. Estimated Volume 120 yd3 bbls Known Volume (to be entered by the operator at the end of the haul) 2760 yd3 bbls
5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS
Thomas Long, representative or authorized agent for Enterprise Products Operating do hereby Generator Signature ertify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 198 egulatory determination, the above described waste is: (Check the appropriate classification)
RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. **Operator Use Only: Waste Acceptance Frequency Monthly Weekly Per Load**
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous that does not exceed the minimum standards for waste hazardous that characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)
☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS
Thomas Long, representative for Enterprise Products Operating authorize to complete Generator Signature the required testing/sign the Generator Waste Testing Certification.
, representative for <u>Agua Moss, LLC</u> do hereby certify that expresentative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the sample ave been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 9.15.36 NMAC.
. Transporter: Triple S Trucking OCD Permitted Surface Waste Management Facility
Name and Facility Permit #: *Agua Moss, LLC - Permit #: NM-01-009 Address of Facility: SW/4 NW/4 Section 2, Township 29N, Range Crouch Mesa, NM Method of Treatment and/or Disposal: Evaporation Injection Treating Plant Landfarm Landfill Other Waste Acceptance Status: APPROVED DENIED (Must Be Maintained As Permanent Reco
PRINT NAME: All Control of the Surface Waste Management Facility Authorized Agent TITLE: Quevator DATE: 1/2/F7 TELEPHONE NO.: Surface Waste Management Facility Authorized Agent

Hall Environmental Analysis Laboratory

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

4901 Hawkins NE

Albuquerque, NM 87109



May 09, 2016

Thomas Long Enterprise Field Services 614 Reilly Ave. Farmington, NM 87401 TEL: (505) 599-2141

FAX

RE: Chaco Plant OrderNo.: 1604674

Dear Thomas Long:

Hall Environmental Analysis Laboratory received 2 sample(s) on 4/15/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers 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,

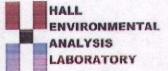
Andy Freeman

Laboratory Manager

male

4901 Hawkins NE

Albuquerque, NM 87109



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

RootNo: 1 Work Order Namber: 1604674 Enterprise Client Name Received by/date: 4/15/2016 7:20:00 AM Logged By Ashley Gallegos 4/15/2016 12:18:09 PM Completed By: Ashley Gallegos Reviewed By: 14/15/16 Chain of Custody Not Present ✓ No Yes 1 Custody seals intact on sample bottles? Not Present Yes V No 2. Is Chain of Custody complete? 3 How was the sample delivered? Couner Log In No NA _ Yes V 4. Was an attempt made to cool the samples? NA Were all samples received at a temperature of >0° C to 6.0°C No Yes V No Yes V Sample(s) in proper container(s)? Yes V 7. Sufficient sample volume for indicated test(s)? 8 Are samples (except VOA and ONG) properly preserved? No Var NA 9. Was preservative added to bottles? No VOA Vials No _ 10. VOA vials have zero headspace? No V Yes 11. Were any sample containers received broken? # of preserved bottles checked for pH: No Yes V 12. Does paperwork match bottle labels? (<2)or >12 unless noted) (Note discrepancies on chain of custody) 1es Adjusted? No Yes V 13 Are matrices correctly identified on Chain of Custody? No Yes V 14. Is it clear what analyses were requested? ats Checked by Yes V No 15. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) NA V No . Yes 16. Was client notified of all discrepancies with this order? Person Notified: Date eMail Phone Fax In Person Via: By Whom Regarding: Client Instructions: 17. Additional remarks: For metals analysis; added IML HNOSTO-COZD For acceptable PH 18. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date 4/15@1329 Good Yes

Hall Environmental Analysis Laboratory, Inc.

0.47

ND

0.0050

0.0050

0.5000

WO#:

1604674

09-May-16

Client:

Enterprise Field Services

Project:

Lead

Silver

Chaco Plant

Sample ID MB-24977 SampType: MBLK TestCode: EPA 6010B: Total Recoverable Metals Client ID: PBW Batch ID: 24977 RunNo: 33820 Prep Date: 4/25/2016 Analysis Date: 4/27/2016 SeqNo: 1041825 Units: mg/L Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual ND 0.020

Arsenic Lead ND 0.0050

Sample ID LCS-24977 SampType: LCS TestCode: EPA 6010B: Total Recoverable Metals Client ID: LCSW Batch ID: 24977 RunNo: 33820 Prep Date: 4/25/2016 Analysis Date: 4/27/2016 SeqNo: 1041826 Units: mg/L Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Arsenic 0.51 0.020 0.5000 0 102 80 120

0

94.3

80

120

Sample ID MB-24977 SampType: MBLK TestCode: EPA 6010B: Total Recoverable Metals Client ID: PBW Batch ID: 24977 RunNo: 33997 Prep Date: 4/25/2016 Analysis Date: 5/5/2016 SeqNo: 1047607 Units: mg/L **RPDLimit** Analyte Result PQL SPK value SPK Ref Val %REC LowLimit %RPD **HighLimit** Qual Barium ND 0.020 Cadmium ND 0.0020 Chromium ND 0.0060 Selenium ND 0.050

Sample ID LCS-24977 SampType: LCS TestCode: EPA 6010B: Total Recoverable Metals Client ID: LCSW Batch ID: 24977 RunNo: 33997 Prep Date: 4/25/2016 Analysis Date: 5/5/2016 SeqNo: 1047608 Units: mg/L SPK value SPK Ref Val Analyte Result PQL %REC HighLimit %RPD **RPDLimit** Qual LowLimit Barium 0.50 0.020 0.5000 0 100 80 120 Cadmium 0.50 0.0020 0.5000 0 99.6 80 120 Chromium 0.49 0.0060 0.5000 0 98.6 80 120 Selenium 0.51 0.050 0.5000 0 80 120 102 Silver 0.10 0.0050 0 120 0.1000 100 80

Qualifiers:

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

Released to Imaging: 11/8/2023 4:25:02 PM

Hall Environmental Analysis Laboratory, Inc.

ND

5.0

WO#:

1604674

09-May-16

Client:

Enterprise Field Services

Project:

Silver

Chaco Plant

Sample ID MB-24953 Client ID: PBW Prep Date: 4/22/2016	SampType: MBLK Batch ID: 24953 Analysis Date: 4/25/2016			Tes						
Analyte	Result	PQL		SPK Ref Val	SeqNo: 1	LowLimit	Units: mg/L HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	5.0	Of It Value	Of Render val	701120	LOWLINK	riigiiziiiii	70111 2	THE DENTIL	Quai
Barium	ND	100								
Cadmium	ND	1.0								
Chromium	ND	5.0								
Lead	ND	5.0								
Selenium	ND	1.0								

Sample ID LCS-24953	Sampi	ype. LC	.5	res	restCode: EPA Method 6010B: TCLP Metals						
Client ID: LCSW	Batch	n ID: 24	953	F	RunNo: 33748						
Prep Date: 4/22/2016	e: 4/22/2016 Analysis Date: 4/25/2016				SeqNo: 1039449 Units: mg/L						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Arsenic	ND	5.0	0.5000	0	109	80	120				
Barium	ND	100	0.5000	0	98.0	80	120				
Cadmium	ND	1.0	0.5000	0	102	80	120				
Chromium	ND	5.0	0.5000	0	97.6	80	120				
Lead	ND	5.0	0.5000	0	98.4	80	120				
Selenium	ND	1.0	0.5000	0	110	80	120				
Silver	ND	5.0	0.1000	0	108	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
- 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 13 of 14

Hall Environmental Analysis Laboratory, Inc.

WO#:

1604674 09-May-16

Client:

Enterprise Field Services

Project:

Chaco Plant

Sample ID MB-24994

SampType: MBLK

TestCode: MERCURY, TCLP

Client ID: PBW

Batch ID: 24994

Result

RunNo: 33798

Prep Date: 4/26/2016 Analysis Date: 4/26/2016

PQL

%REC

SPK value SPK Ref Val

SPK value SPK Ref Val

SeqNo: 1040933

Units: mg/L **HighLimit**

RPDLimit

Qual

Analyte Mercury

ND 0.020

Sample ID LCS-24994

SampType: LCS

TestCode: MERCURY, TCLP

Client ID: LCSW

4/26/2016

Batch ID: 24994

RunNo: 33798

SeqNo: 1040935

LowLimit

LowLimit

Analyte

Prep Date:

Analysis Date: 4/26/2016

0

Units: mg/L **HighLimit**

PQL 0.020

0.005000

%REC 99.3

120

%RPD

%RPD

Mercury

ND

80

RPDLimit

Qual

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded H

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

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Detection Limit Sample container temperature is out of limit as specified Page 12 of 14

Hall Environmental Analysis Laboratory, Inc.

WO#: 1604674

09-May-16

Client:

Enterprise Field Services

Project:

Chaco Plant

Sample ID MB-25066

SampType: MBLK

TestCode: EPA Method 7470: Mercury

TestCode: EPA Method 7470: Mercury

Client ID: PBW

Batch ID: 25066

PQL

RunNo: 33907

Prep Date: 4/28/2016

Analysis Date: 4/29/2016

SeqNo: 1044543

Units: mg/L

Qual

Analyte

SPK value SPK Ref Val

%REC LowLimit

HighLimit

%RPD **RPDLimit**

Mercury

ND 0.00020

Sample ID LCS-25066

4/28/2016

SampType: LCS

Analysis Date: 4/29/2016

Client ID: LCSW

Batch ID: 25066

RunNo: 33907 SeqNo: 1044544

Units: mg/L

Analyte

Prep Date:

PQL SPK value SPK Ref Val

%REC 102

LowLimit

%RPD

Qual

0.005000

HighLimit 120

Mercury

0.0051 0.00020

RPDLimit

Qualifiers:

D

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix Holding times for preparation or analysis exceeded H 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

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Detection Limit Sample container temperature is out of limit as specified Page 11 of 14

Hall Environmental Analysis Laboratory, Inc.

WO#:

1604674

09-May-16

Client:

Enterprise Field Services

Project:

Chaco Plant

Sample ID Icsd-24921	Samp	SampType: LCSD			tCode: E	PA Method	8270C TCLP			
Client ID: LCSS02	Batc	h ID: 24	921	F	3739					
Prep Date: 4/21/2016	Analysis E	Analysis Date: 4/22/2016			SeqNo: 1	042555	Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Pentachlorophenol	0.079	0.010	0.1000	0	79.0	27.9	90.3	7.79	20	
Pyridine	0.017	0.010	0.1000	0	16.8	29.3	105	39.3	20	RS
2,4,5-Trichlorophenol	0.10	0.010	0.1000	0	103	34	118	5.40	20	
2,4,6-Trichlorophenol	0.097	0.010	0.1000	0	97.2	34.1	109	0.599	20	
Cresols, Total	0.25	0.010	0.3000	0	81.7	30	136	9.82	20	
Surr: 2-Fluorophenol	0.12		0.2000		61.6	19	121	0	20	
Surr: Phenol-d5	0.096		0.2000		48.2	31.8	117	0	20	
Surr: 2,4,6-Tribromophenol	0.19		0.2000		95.3	31.3	139	0	20	
Surr: Nitrobenzene-d5	0.085		0.1000		85.3	48.2	128	0	20	
Surr: 2-Fluorobiphenyl	0.087		0.1000		86.7	58.4	114	0	20	
Surr: 4-Terphenyl-d14	0.069		0.1000		69.3	17.4	141	0	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
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 10 of 14

Hall Environmental Analysis Laboratory, Inc.

WO#:

RPDLimit

1604674

09-May-16

Qual

Client: Enterprise Field Services

Project:

Chaco Plant

Sample ID Ics-25008 Client ID: LCSS

SampType: LCS Batch ID: 25008 TestCode: EPA Method 8270C TCLP

RunNo: 33838

Analysis Date: 4/27/2016

SeqNo: 1042552

Units: %Rec

%RPD

Prep Date: 4/27/2016 Analyte Result

SPK value SPK Ref Val %REC LowLimit HighLimit 0.1000 65.1 48.2 128 0.1000 61.7 58.4 114 0.1000 56.3 17.4 141

Sample ID Ics-24921

Client ID: LCSS

Cresols, Total

Surr: 2-Fluorophenol

Surr: 2,4,6-Tribromophenol

Surr: Nitrobenzene-d5

Surr: 2-Fluorobiphenyl

Surr: 4-Terphenyl-d14

Surr: Phenol-d5

Surr: Nitrobenzene-d5

Surr: 2-Fluorobiphenyl

Surr: 4-Terphenyl-d14

SampType: LCS

TestCode: EPA Method 8270C TCLP

30

19

31.8

31.3

48.2

58.4

17.4

136

121

117

139

128

114

141

Batch ID: 24921

0.22

0.10

0.082

0.17

0.081

0.083

0.069

0.010

0.3000

0.2000

0.2000

0.2000

0.1000

0.1000

0.1000

0.065

0.062

0.056

RunNo: 33739

74.1

52.0

40.9

85.4

81.3

83.0

69.3

Prep Date: 4/21/2016	Analysis [Date: 4/	22/2016	8	SeqNo: 1	042554	Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.074	0.010	0.1000	0	74.5	37.6	110			
3+4-Methylphenol	0.15	0.010	0.2000	0	73.9	30.5	149			
2,4-Dinitrotoluene	0.072	0.010	0.1000	0	71.8	24.9	93.7			
Hexachlorobenzene	0.087	0.010	0.1000	0	86.7	40	114			
Hexachlorobutadiene	0.066	0.010	0.1000	0	65.9	37.4	119			
Hexachloroethane	0.057	0.010	0.1000	0	57.2	33.8	105			
Nitrobenzene	0.077	0.010	0.1000	0	77.3	33.4	115			
Pentachlorophenol	0.073	0.010	0.1000	0	73.0	27.9	90.3			
Pyridine	0.011	0.010	0.1000	0	11.3	29.3	105			S
2,4,5-Trichlorophenol	0.098	0.010	0.1000	0	97.6	34	118			
2,4,6-Trichlorophenol	0.097	0.010	0.1000	0	96.6	34.1	109			

Sample ID Icsd-24921 Client ID: LCSS02	SampType: LCSD Batch ID: 24921 Analysis Date: 4/22/2016				tCode: El RunNo: 3		8270C TCLP			
Prep Date: 4/21/2016				5	SeqNo: 1	042555	Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.078	0.010	0.1000	0	77.6	37.6	110	4.13	20	
3+4-Methylphenol	0.17	0.010	0.2000	0	83.8	30.5	149	12.6	20	
2,4-Dinitrotoluene	0.074	0.010	0.1000	0	73.9	24.9	93.7	2.88	20	
Hexachlorobenzene	0.091	0.010	0.1000	0	90.8	40	114	4.57	20	
Hexachlorobutadiene	0.066	0.010	0.1000	0	65.9	37.4	119	0.0303	20	
Hexachloroethane	0.064	0.010	0.1000	0	64.2	33.8	105	11.6	20	
Nitrobenzene	0.081	0.010	0.1000	0	81.4	33.4	115	5.19	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

RPD outside accepted recovery limits R

% Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

Page 9 of 14

Sample pH Not In Range P

RL Reporting Detection Limit

Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1604674

09-May-16

Client:

Enterprise Field Services

Project:

Chaco Plant

Sample ID mb-24921	Samp	SampType: MBLK			tCode: E					
Client ID: PBS	Batc	h ID: 24	921	F	RunNo: 3					
Prep Date: 4/21/2016	Analysis [Date: 4	/22/2016	5	SeqNo: 1	039149	Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	ND	200			1			4 115		
3+4-Methylphenol	ND	200								
Phenol	ND	200								
2,4-Dinitrotoluene	ND	0.13								
Hexachlorobenzene	ND	0.13								
Hexachlorobutadiene	ND	0.50								
Hexachloroethane	ND	3.0								
Nitrobenzene	ND	2.0								
Pentachlorophenol	ND	100								
Pyridine	ND	5.0								
2,4,5-Trichlorophenol	ND	400								
2,4,6-Trichlorophenol	ND	2.0								
Cresols, Total	ND	200								
Surr: 2-Fluorophenol	0.12		0.2000		58.4	19	121			
Surr: Phenol-d5	0.087		0.2000		43.5	31.8	117			
Surr: 2,4,6-Tribromophenol	0.17		0.2000		84.1	31.3	139			
Surr: Nitrobenzene-d5	0.084		0.1000		84.3	48.2	128			
Surr: 2-Fluorobiphenyl	0.083		0.1000		82.8	58.4	114			
Surr: 4-Terphenyl-d14	0.067		0.1000		67.3	17.4	141			
Sample ID mb-25008	Samp	Type: M	BLK	Tes	tCode: E	PA Method	8270C TCLP	P. 1		1 8
Client ID: PBS	Bato	h ID: 25	8008	F	RunNo: 3	3838				
Prep Date: 4/27/2016	Analysis I	Date: 4	/27/2016		SeqNo: 1	042551	Units: %Red	C		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.16	OH ITS	0.2000		80.7	19	121			
Surr: Phenol-d5	0.17		0.2000		82.7	31.8	117			
Surr: 2,4,6-Tribromophenol	0.17		0.2000		85.1	31.3	139			
Surr: Nitrobenzene-d5	0.081		0.1000		81.5	48.2	128			
Surr: 2-Fluorobiphenyl	0.088		0.1000		87.6	58.4	114			
Surr: 4-Terphenyl-d14	0.064		0.1000		64.0	17.4	141			
Sample ID Ics-25008	Samp	Type: LO	cs	Tes	tCode: E	PA Method	8270C TCLP	7.7		
Client ID: LCSS		h ID: 25								
Client ID: LC33	Bato	ii ID: 25	0008		RunNo: 3	3038				

Qualifiers:

Prep Date:

Surr: 2-Fluorophenol

Surr: 2,4,6-Tribromophenol

Surr: Phenol-d5

Analyte

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

4/27/2016

H Holding times for preparation or analysis exceeded

Analysis Date: 4/27/2016

Result

0.096

0.078

0.16

- 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

LowLimit

19

31.8 31.3 Units: %Rec

121 117

139

RPDLimit

Page 8 of 14

%RPD

Qual

HighLimit

- E Value above quantitation range
- J Analyte detected below quantitation limits

SegNo: 1042552

47.9

39.1

81.9

P Sample pH Not In Range

SPK value SPK Ref Val %REC

0.2000

0.2000

0.2000

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

Hall Environmental Analysis Laboratory, Inc.

WO#:

1604674

09-May-16

Client:

Enterprise Field Services

Project:

Chaco Plant

Sample ID vsb deli	Samp	ype: ME	BLK	Tes	TestCode: TCLP Volatiles by 8260B						
Client ID: PBW	Batc	h ID: B3	3807	F	RunNo: 3						
Prep Date:	Analysis [Date: 4/	26/2016		SeqNo: 1	041359	Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	ND	0.50				0,579.1				1349.3	
1,2-Dichloroethane (EDC)	ND	0.50									
2-Butanone	ND	10									
Carbon Tetrachloride	ND	0.50									
Chloroform	ND	6.0									
,4-Dichlorobenzene	ND	7.5									
1,1-Dichloroethene	ND	0.70									
Hexachlorobutadiene	ND	0.50									
Tetrachloroethene (PCE)	ND	0.70									
Trichloroethene (TCE)	ND	0.50									
/inyl chloride	ND	0.20									
Chlorobenzene	ND	100									
Surr: 1,2-Dichloroethane-d4	0.0099		0.01000		98.9	70	130				
Surr: 4-Bromofluorobenzene	0.011		0.01000		107	70	130				
Surr: Dibromofluoromethane	0.011		0.01000		106	70	130				
Surr: Toluene-d8	0.0098		0.01000		98.4	70	130				

		and the same of th	-	15. 2000	CONTRACTOR OF STA						
Client ID: LCSW	Bato	h ID: B3	3807	F	RunNo: 3	3807					
Prep Date:	Analysis	Date: 4/	26/2016	5	SeqNo: 1	041360	Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.022	0.0010	0.02000	0	112	70	130				
1,1-Dichloroethene	0.021	0.0010	0.02000	0	106	70	130				
Trichloroethene (TCE)	0.021	0.0010	0.02000	0	103	70	130			and the	
Chlorobenzene	0.019	0.0010	0.02000	0	96.6	70	130				
Surr: 1,2-Dichloroethane-d4	0.010		0.01000		101	70	130				
Surr: 4-Bromofluorobenzene	0.010		0.01000		105	70	130				
Surr: Dibromofluoromethane	0.011		0.01000		107	70	130				
Surr: Toluene-d8	0.0095		0.01000		94.9	70	130				

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- % 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
- Sample container temperature is out of limit as specified

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Hall Environmental Analysis Laboratory, Inc.

SampType: LCS

WO#:

1604674

09-May-16

Client:

Enterprise Field Services

Project:

Sample ID Ics-24836

Chaco Plant

Sample ID mb-24836	SampType: MBLK			TestCode: EPA Method 8260B: TCLP Compounds							
Client ID: PBS	Batc	h ID: 24	836	F	RunNo: 3	3608					
Prep Date: 4/15/2016	Analysis E	Date: 4/	18/2016	\$	SeqNo: 1	034248	Units: ppm				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	ND	0.050									
1,2-Dichloroethane (EDC)	ND	0.050									
2-Butanone	ND	20									
Carbon tetrachloride	ND	0.050									
Chlorobenzene	ND	10									
Chloroform	ND	0.60									
1,4-Dichlorobenzene	ND	0.75									
1,1-Dichloroethene	ND	0.070									
Tetrachloroethene (PCE)	ND	0.070									
Trichloroethene (TCE)	ND	0.050									
Vinyl chloride	ND	0.020									
Surr: 1,2-Dichloroethane-d4	0.51		0.5000		101	70	130				
Surr: 4-Bromofluorobenzene	0.52		0.5000		105	70	130				
Surr: Dibromofluoromethane	0.52		0.5000		104	70	130				
Surr: Toluene-d8	0.51		0.5000		101	70	130				

Client ID: LCSS Prep Date: 4/15/2016	Batch ID: 24836 Analysis Date: 4/18/2016		RunNo: 33608 SeqNo: 1034249			Units: ppm				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.050	1.000	0	108	70	130	7 - 76		
Chlorobenzene	1.0	0.050	1.000	0	102	70	130			
1,1-Dichloroethene	1.1	0.050	1.000	0	107	70	130			
Trichloroethene (TCE)	1.0	0.050	1.000	0	104	70	130			
Surr: 1,2-Dichloroethane-d4	0.52		0.5000		103	70	130			
Surr: 4-Bromofluorobenzene	0.53		0.5000		106	70	130			
Surr: Dibromofluoromethane	0.54		0.5000		108	70	130			
Surr: Toluene-d8	0.52		0.5000		105	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
- 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

TestCode: EPA Method 8260B: TCLP Compounds

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

Page 6 of 14

Project:

CLIENT: Enterprise Field Services

Analytical Report

Lab Order 1604674

Date Reported: 5/9/2016

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: Non Exempt Tank

Chaco Plant Collection Date: 4/14/2016 10:45:00 AM

Lab ID: 1604674-002 Matrix: AQUEOUS Received Date: 4/15/2016 7:20:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
TCLP VOLATILES BY 8260B					Analyst	: DJF
Tetrachloroethene (PCE)	ND	0.70	mg/L	1	4/26/2016 9:15:00 PM	B33807
Trichloroethene (TCE)	ND	0.50	mg/L	1	4/26/2016 9:15:00 PM	B33807
Vinyl chloride	ND	0.20	mg/L	1	4/26/2016 9:15:00 PM	B33807
Chlorobenzene	ND	100	mg/L	1	4/26/2016 9:15:00 PM	B33807
Surr: 1,2-Dichloroethane-d4	101	70-130	%Rec	1	4/26/2016 9:15:00 PM	B33807
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	4/26/2016 9:15:00 PM	B33807
Surr: Dibromofluoromethane	104	70-130	%Rec	1	4/26/2016 9:15:00 PM	B33807
Surr: Toluene-d8	94.2	70-130	%Rec	1	4/26/2016 9:15:00 PM	B33807

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 14
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Date Reported: 5/9/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enterprise Field Services Client Sample ID: Non Exempt Tank

Project: Chaco Plant Collection Date: 4/14/2016 10:45:00 AM

Lab ID: 1604674-002 Matrix: AQUEOUS Received Date: 4/15/2016 7:20:00 AM

Analyses	Result	PQL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8270C TCLP					Analyst	DAM
2-Methylphenol	ND	200	mg/L	1	4/22/2016 6:54:25 PM	24921
3+4-Methylphenol	ND	200	mg/L	1	4/22/2016 6:54:25 PM	24921
Phenol	ND	200	mg/L	1	4/22/2016 6:54:25 PM	24921
2,4-Dinitrotoluene	ND	0.13	mg/L	1	4/22/2016 6:54:25 PM	24921
Hexachlorobenzene	ND	0.13	mg/L	1	4/22/2016 6:54:25 PM	24921
Hexachlorobutadiene	ND	0.50	mg/L	1	4/22/2016 6:54:25 PM	24921
Hexachloroethane	ND	3.0	mg/L	1	4/22/2016 6:54:25 PM	24921
Nitrobenzene	ND	2.0	mg/L	1	4/22/2016 6:54:25 PM	24921
Pentachlorophenol	ND	100	mg/L	1	4/22/2016 6:54:25 PM	2492
Pyridine	ND	5.0	mg/L	1	4/22/2016 6:54:25 PM	2492
2,4,5-Trichlorophenol	ND	400	mg/L	1	4/22/2016 6:54:25 PM	2492
2,4,6-Trichlorophenol	ND	2.0	mg/L	1	4/22/2016 6:54:25 PM	2492
Cresols, Total	ND	200	mg/L	1	4/22/2016 6:54:25 PM	2492
Surr: 2-Fluorophenol	44.8	15-124	%Rec	1	4/22/2016 6:54:25 PM	2492
Surr: Phenol-d5	33.4	15-118	%Rec	1	4/22/2016 6:54:25 PM	2492
Surr: 2,4,6-Tribromophenol	74.4	15-148	%Rec	1	4/22/2016 6:54:25 PM	2492
Surr: Nitrobenzene-d5	64.0	40.6-124	%Rec	1	4/22/2016 6:54:25 PM	2492
Surr: 2-Fluorobiphenyl	67.4	35.7-128	%Rec	1	4/22/2016 6:54:25 PM	2492
Surr: 4-Terphenyl-d14	56.2	18.8-115	%Rec	1	4/22/2016 6:54:25 PM	2492
EPA METHOD 7470: MERCURY					Analyst	pmf
Mercury	0.0033	0.00020	mg/L	1	4/29/2016 11:25:07 AM	2506
EPA 6010B: TOTAL RECOVERABL	E METALS				Analyst	: MED
Arsenic	ND	5.0	mg/L	1	4/29/2016 11:45:10 AM	2497
Barium	ND	100	mg/L	1	5/5/2016 8:45:25 AM	2497
Cadmium	ND	1.0	mg/L	1	5/5/2016 8:45:25 AM	2497
Chromium	ND	5.0	mg/L	1	5/5/2016 8:45:25 AM	2497
Lead	ND	5.0	mg/L	1	4/29/2016 11:45:10 AM	2497
Selenium	ND	1.0	mg/L	1	5/5/2016 8:45:25 AM	2497
Silver	ND	5.0	mg/L	1	5/5/2016 8:45:25 AM	2497
TCLP VOLATILES BY 8260B					Analyst	: DJF
Benzene	ND	0.50	mg/L	1	4/26/2016 9:15:00 PM	B338
1,2-Dichloroethane (EDC)	ND	0.50	mg/L	1	4/26/2016 9:15:00 PM	B338
2-Butanone	ND	10	mg/L	1	4/26/2016 9:15:00 PM	B338
Carbon Tetrachloride	ND	0.50	mg/L	1	4/26/2016 9:15:00 PM	B338
Chloroform	ND	6.0	mg/L	1	4/26/2016 9:15:00 PM	B338
1,4-Dichlorobenzene	ND	7.5	mg/L	1	4/26/2016 9:15:00 PM	B338
1,1-Dichloroethene	ND	0.70	mg/L	1	4/26/2016 9:15:00 PM	B338
Hexachlorobutadiene	ND	0.50	mg/L	1	4/26/2016 9:15:00 PM	B338

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

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 14

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

1604674-001

Lab ID:

Analytical Report Lab Order 1604674

Received Date: 4/15/2016 7:20:00 AM

Date Reported: 5/9/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enterprise Field Services Client Sample ID: Air Dy Dessicant

Matrix: SOLID

Project: Chaco Plant Collection Date: 4/14/2016 10:08:00 AM

PQL Qual Units Batch Analyses Result **DF** Date Analyzed Analyst: DJF **EPA METHOD 8260B: TCLP COMPOUNDS** ppm 4/18/2016 1:23:16 PM 24836 Tetrachloroethene (PCE) ND 0.70 4/18/2016 1:23:16 PM 24836 Trichloroethene (TCE) ND 0.50 ppm Vinyl chloride ND 0.20 10 4/18/2016 1:23:16 PM 24836 ppm Surr: 1,2-Dichloroethane-d4 104 %Rec 4/18/2016 1:23:16 PM 24836 70-130 24836 4/18/2016 1:23:16 PM Surr: 4-Bromofluorobenzene 105 70-130 %Rec 10 Surr: Dibromofluoromethane 103 70-130 %Rec 4/18/2016 1:23:16 PM 24836 Surr: Toluene-d8 99.8 70-130 %Rec 4/18/2016 1:23:16 PM 24836

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 3 of 14
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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**

COMMENTS

Action 284133

COMMENTS

Operator:	OGRID:
AGUA MOSS, LLC	247130
P.O. Box 600	Action Number:
Farmington, NM 87499	284133
	Action Type:
	[UF-DP] Discharge Permit (DISCHARGE PERMIT)

COMMENTS

Created By	Comment	Comment Date
cchavez	Quarterly Waste Analyses Information for 2016	11/8/2023

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CONDITIONS

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CONDITIONS

C	reated By	Condition	Condition Date
	cchavez	Condition of Approval: 1. Follow Discharge Permit Quarterly Report Guidelines, Content, and deadline dates for submittal of future reports.	11/8/2023