<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 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

Revised August 8, 2011

Form C-141

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

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

30-045-06326 Release Notification and Corrective Action OPERATOR Initial Report Final Report															
						OPERA	TOR		Initial	al Report	\boxtimes	Final Report			
				es, a Wholly Company		Contact As	hley Maxwell								
Address 34	01 E. 30 th	St., Farmi	ngton, l	NM 87402			No. 505-324-51	69							
Facility Nar	ne: Lodew	rick #8				Facility Typ	e: Gas Well								
Surface Ow	ner: Fede	ral		Mineral C)wner:	er: Federal API No. 3004506326									
				LOCA	OITA	ON OF RELEASE									
Unit Letter P	Section 19	Township 27N	Range 09W	Feet from the 890'	North	South Line South Feet from the 1025' East/West Line County East						n			
Latitude 36.55559 Longitude -107.82349															
	Paris and the same of the same			NAT	URE	OF REL									
Type of Rele							Release – Unkno		Volume F						
Source of Release – Below Grade Tank						Unknown	Hour of Occurrence	ce –	Date and	Hour of Dis	covery				
Was Immedia	ate Notice (Yes [No Not Re	equired	If YES, To	Whom?								
By Whom?						Date and I									
Was a Water	course Read		Yes [] No		If YES, V	olume Impacting t	the Wat	ercourse.						
If a Watercou	ırse was Im	pacted, Descr	ibe Fully.	*					100	n 1814					
							A STATE OF THE STA				v Lilly O				
Describe Cau	ise of Probl	em and Reme	dial Actio	n Taken.* Below	Grade	Tank Closu	re Activities								
The below	grade tar		esults w	ken.* ere above regu ulatory standar											
the sample	was ther	n transporte	ed to the	lab and analyt Remediation of	tical re	sults for B7	ΓEX and Chlori	ides w	ere below	the regul	atory	standards			
I hereby certi	ify that the i	nformation gi	ven above	e is true and comp	lete to 1	the best of my	knowledge and u	ındersta	nd that purs	suant to NM	OCD r	ules and			
				nd/or file certain r ce of a C-141 repo											
should their	operations h	ave failed to	adequately	investigate and r	emedia	te contaminat	ion that pose a thr	eat to g	round water	r, surface wa	ter, hu	man health			
federal, state	nment. In a , or local lav	ws and/or regu	CD accepulations.	otance of a C-141	report o	loes not reliev	e the operator of	respons	ibility for c	ompliance w	ith any	other			
	,						OIL CON	SERV	ATION	DIVISIO	N				
	Sel					512 54 112 112 112 112 112 112 112 112 112 11									
Signature:	0					Approved by	Environmental S	pecialis							
Printed Name	e: Ashley M	Iaxwell				- Inproved by	Environmental 5	pocians	لمم	10		,			
Title: Field I	Environme	ntal Specialis	t		Approval Date: Expiration Date:										
E-mail Addr	ess: ashley.	p.wethington	@conoco	phillips.com		Conditions o	f Approval:			Attached					
Date: May 8	, 2012		Phone: 5	05-324-5169			No. of Concession, Name of								
* Attach Addi		ets If Necess				ME	1200	DC.	501	10					
						1011	1000	00	200	-17					



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

March 22, 2012

Ross Kennemer Animas Environmental Services 624 East Comanche Farmington, NM 87401

TEL: (505) 564-2281 FAX (505) 324-2022

RE: COP Lodewick #8

NMOCD
MAR 09 2018
DISTRICT 111

OrderNo.: 1203690

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/20/2012 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. 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. All samples are reported as received unless otherwise indicated.

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

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 1203690

Date Reported: 3/22/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: COP Lodewick #8

Lab ID:

1203690-001

Client Sample ID: SC-1

Collection Date: 3/19/2012 10:18:00 AM

Matrix: MEOH (SOIL) Received Date: 3/20/2012 9:55:00 AM

Analyses	Result	RL (Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RAN	GE ORGANICS					Analyst: JMP
Diesel Range Organics (DRO)	190	100		mg/Kg	10	3/20/2012 12:01:40 PM
Surr: DNOP	0	77.4-131	S	%REC	10	3/20/2012 12:01:40 PM
EPA METHOD 8015B: GASOLINE R	ANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/21/2012 3:42:24 PM
Surr: BFB	94.1	69.7-121		%REC	1	3/21/2012 3:42:24 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	3/20/2012 4:27:51 PM
Toluene	ND	0.050		mg/Kg	1	3/20/2012 4:27:51 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/20/2012 4:27:51 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/20/2012 4:27:51 PM
Surr: 4-Bromofluorobenzene	108	80-120		%REC	1	3/20/2012 4:27:51 PM
EPA METHOD 300.0: ANIONS						Analyst: BRM
Chloride	ND	30		mg/Kg	20	3/20/2012 12:26:54 PM

Qualifiers: */X

Value exceeds Maximum Contaminant Level.

E Value above quantitation range

Analyte detected below quantitation limits

R RPD outside accepted recovery limits

Spike Recovery outside accepted recovery limits

Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Reporting Detection Limit

Page 1 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1203690 22-Mar-12

Client:

Animas Environmental Services

Project:

COP Lodewick #8

Sample	ID	MB-1	150
--------	----	------	-----

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 1150

RunNo: 1564

%REC LowLimit

Prep Date: 3/20/2012 Analysis Date: 3/20/2012

SeqNo: 43902

Units: mg/Kg

Analyte

PQL

HighLimit

Qual

Chloride

ND 1.5

Sample ID LCS-1150

SampType: LCS

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Batch ID: 1150

RunNo: 1564

Prep Date: 3/20/2012

Analysis Date: 3/20/2012

1.5

SeaNo: 43903

94.3

Units: mg/Kg

110

%RPD

Analyte Chloride

14

SPK value SPK Ref Val 15.00

SPK value SPK Ref Val

%REC LowLimit

HighLimit

%RPD **RPDLimit**

RPDLimit

Qual

Sample ID 1203662-020BMS

SampType: MS

24.47

24.47

TestCode: EPA Method 300.0: Anions

74.6

BatchQC Client ID:

Batch ID: 1150

RunNo: 1576

118

Prep Date: 3/20/2012

Result

54

Analysis Date: 3/20/2012

SeqNo: 44253

58 7

Units: mg/Kg **HighLimit**

RPDLimit

%RPD

%RPD

%RPD

11.5

Qual S

Sample ID 1203662-020BMSD

Analyte

Chloride

SampType: MSD

PQL

15

TestCode: EPA Method 300.0: Anions

%REC LowLimit

Client ID: Prep Date:

BatchQC 3/20/2012 Batch ID: 1150

PQL

15

RunNo: 1576

Units: mg/Kg

Analyte Chloride

Result

60

Result

Analysis Date: 3/20/2012 SPK value SPK Ref Val

SPK value SPK Ref Val

SPK value SPK Ref Val

50.00

50.00

100.0

SeqNo: 44254 %REC

71.9

HighLimit

118

RPDLimit

Qual S

Sample ID 1203662-011BMS

SampType: MS

TestCode: EPA Method 300.0: Anions

LowLimit

74.6

Client ID: **BatchQC**

Batch ID: 1150

RunNo: 1576

118

Prep Date:

PQL

%REC

17.1

HighLimit

Analyte

3/20/2012

Analysis Date: 3/20/2012

SeqNo: 44256

Units: mg/Kg

Qual S

Chloride

180 30

74.6 TestCode: EPA Method 300.0: Anions

LowLimit

Sample ID 1203662-011BMSD Client ID:

BatchQC

SampType: MSD Batch ID: 1150

RunNo: 1576

Prep Date:

3/20/2012

Analysis Date: 3/20/2012

POL

160.9

SeqNo: 44257

Units: mg/Kg

Qual

Analyte Chloride

Result 220

SPK value SPK Ref Val %REC 100.0 30

160.9

59.7

LowLimit 74.6 HighLimit 118 %RPD 21.4

RPDLimit 20

RPDLimit

SR

Qualifiers:

Value exceeds Maximum Contaminant Level.

E Value above quantitation range Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit Page 2 of 6

Analyte detected below quantitation limits R RPD outside accepted recovery limits

RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:

1203690

22-Mar-12

Client:

Animas Environmental Services

Project:

COP Lodewick #8

Sample ID MB-1156	SampT	ype: Mi	3LK	Tes	tCode: El	PA Method	8015B: Dies	el Range (Organics	
Client ID: PBS	Batch	ID: 11	56	F	RunNo: 1	561				
Prep Date: 3/20/2012	Analysis D	ate: 3/	20/2012	S	SeqNo: 4	3858	Units: mg/l	K g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	9.5		10.00		95.4	77.4	131			
Sample ID LCS-1156	SampT	ype: LC	:s	Tes	tCode: El	PA Method	8015B: Dies	el Range C	Organics	
Client ID: LCSS	LCSS Batch ID: 1156 RunNo: 1561									
Prep Date: 3/20/2012	Analysis D	ate: 3/	20/2012	s	3872	Units: mg/k	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.6	62.7	139	٠		
Surr. DNOP	4.9		5.000		98.9	77.4	131			
Sample ID 1203662-001AMS SampType: MS TestCode: EPA Method 8015B; Diesel Range Organics										
Sample ID 1203662-001AMS	SampT	ype: MS	3	Tes	tCode: El	PA Method	8015B: Dies	el Range C	Organics	
Sample ID 1203662-001AMS Client ID: BatchQC		ype: MS ID: 11	-		tCode: El		8015B: Dies	el Range C	Organics	
·		ID: 11	56	F		561	8015B: Dies Units: mg/F	J	Organics	·
Client ID: BatchQC	Batch	ID: 11	56 21/2012	F	RunNo: 19 SeqNo: 44	561		J	Organics RPDLimit	Qual
Client ID: BatchQC Prep Date: 3/20/2012 Analyte	Batch Analysis Da	ID: 11:	56 21/2012	F S	RunNo: 19 SeqNo: 44	561 4803	Units: mg/h	(g		Qual
Client ID: BatchQC Prep Date: 3/20/2012 Analyte	Batch Analysis Da Result	ID: 11 : ate: 3 / PQL	56 21/2012 SPK value	S SPK Ref Val	RunNo: 19 SeqNo: 44 %REC	561 4803 LowLimit	Units: mg/F	(g		Qual
Client ID: BatchQC Prep Date: 3/20/2012 Analyte Diesel Range Organics (DRO)	Batch Analysis Da Result 49 5.0	ID: 11: ate: 3/ PQL 10	56 21/2012 SPK value 50.56 5.056	SPK Ref Val	RunNo: 18 SeqNo: 44 %REC 96.1 99.9	561 4803 LowLimit 57.2 77.4	Units: mg/F HighLimit 146	(g %RPD	RPDLimit	Qual
Client ID: BatchQC Prep Date: 3/20/2012 Analyte Diesel Range Organics (DRO) Surr: DNOP	Batch Analysis Da Result 49 5.0 D SampTy	ID: 11: ate: 3/ PQL 10	56 21/2012 SPK value 50.56 5.056	SPK Ref Val 0	RunNo: 18 SeqNo: 44 %REC 96.1 99.9	561 4803 LowLimit 57.2 77.4 PA Method	Units: mg/F HighLimit 146 131	(g %RPD	RPDLimit	Qual
Client ID: BatchQC Prep Date: 3/20/2012 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID 1203662-001AMS	Batch Analysis Da Result 49 5.0 D SampTy	ID: 11: ate: 3/ PQL 10 /pe: MS	56 21/2012 SPK value 50.56 5.056	SPK Ref Val 0 Test	RunNo: 18 SeqNo: 44 %REC 96.1 99.9	561 4803 LowLimit 57.2 77.4 PA Method	Units: mg/F HighLimit 146 131	%RPD	RPDLimit	Qual
Client ID: BatchQC Prep Date: 3/20/2012 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID 1203662-001AMS Client ID: BatchQC	Batch Analysis Da Result 49 5.0 D SampTy Batch	ID: 11: ate: 3/ PQL 10 /pe: MS	56 21/2012 SPK value 50.56 5.056 5D 56 21/2012	SPK Ref Val 0 Test	RunNo: 18 ReqNo: 44 %REC 96.1 99.9 COde: EF	561 4803 LowLimit 57.2 77.4 PA Method	Units: mg/F HighLimit 146 131 8015B: Diese	%RPD	RPDLimit	Qual
Client ID: BatchQC Prep Date: 3/20/2012 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID 1203662-001AMS Client ID: BatchQC Prep Date: 3/20/2012 Analyte Diesel Range Organics (DRO)	Batch Analysis Da Result 49 5.0 D SampTy Batch Analysis Da Result 48	ID: 11: ate: 3/ PQL 10 //pe: MS ID: 11: ate: 3/	56 21/2012 SPK value 50.56 5.056 5D 56 21/2012 SPK value 51.28	SPK Ref Val 0 Test	RunNo: 18 ReqNo: 44 %REC 96.1 99.9 Code: EF RunNo: 18 ReqNo: 44 %REC 93.8	561 4803 LowLimit 57.2 77.4 PA Method 561 4804 LowLimit 57.2	Units: mg/k HighLimit 146 131 8015B: Diese Units: mg/k HighLimit 146	Kg %RPD el Range C	RPDLimit Organics	
Client ID: BatchQC Prep Date: 3/20/2012 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID 1203662-001AMS Client ID: BatchQC Prep Date: 3/20/2012 Analyte	Batch Analysis Da Result 49 5.0 D SampTy Batch Analysis Da Result	PQL 10 PQL 10 PQL 10 ID: 11: ID: 11: PQL PQL PQL	56 21/2012 SPK value 50.56 5.056 5D 56 21/2012 SPK value	SPK Ref Val 0 Test R S SPK Ref Val	RunNo: 18 ReqNo: 44 %REC 96.1 99.9 RCode: EF RunNo: 18 ReqNo: 44 %REC	561 LowLimit 57.2 77.4 PA Method 561 4804 LowLimit	Units: mg/k HighLimit 146 131 8015B: Diese Units: mg/k	Kg %RPD el Range C	RPDLimit Organics RPDLimit	·

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 3 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1203690

22-Mar-12

Client:

Animas Environmental Services

Project:	COP Lod	ewick #8												
Sample ID E	В 32	SampT	ype: MI	BLK	Tes	tCode: El	PA Method	8015B: Gaso	oline Rang	je				
Client ID: F	PBS	Batch	ID: R1	1589	F	RunNo: 1	589							
Prep Date:		Analysis D	ate: 3/	/21/2012	SeqNo: 45224			Units: mg/Kg						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range	Organics (GRO)	ND	5.0											
Surr: BFB		950		1,000		95.1	69.7	121						
Sample ID 2	2.5UG GRO LCS	SampT	SampType: LCS TestCode: EPA Method 8015B: Gasoline Range											
Client ID: L	_CSS	Batch	ID: R1	589	F	RunNo: 1	1589							
Prep Date:		Analysis D	ate: 3/	21/2012	S	SeqNo: 4	5225	Units: mg/k	(g					
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range	Organics (GRO)	27 5.0		25.00	0	109	98.5	133						
Surr: BFB		1,000		1,000		101	69.7	121						
Sample ID 1	1203689-001A MS	SampT	pe: MS	3	TestCode: EPA Method 8015B: Gasoline Range									
Client ID: E	BatchQC	Batch	ID: R1	589	RunNo: 1589									
Prep Date:		Analysis Da	ate: 3/	21/2012	S	SeqNo: 4	5232	Units: mg/F	(g		•			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range	Organics (GRO)	28	5.0	25.00	0	112	85.4	147						
Surr: BFB		1,000	· 	1,000		101	69.7	121						
Sample ID 1	1203689-001A MSI	D SampTy	pe: MS	SD	Test	Code: EF	PA Method	8015B: Gaso	line Rang	e				
Client ID: E	BatchQC	Batch	ID: R1	589	R	tunNo: 1	589							
Prep Date:		Analysis Da	ate: 3/	21/2012	S	eqNo: 4	5234	Units: mg/K	nits: mg/Kg					
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range	Organics (GRO)	26	5.0	25.00	0	104	85.4	147	7.40	19.2				
Surr. BFB		1,000		1,000		101	69.7	121	0	0				

Qualifiers:

- */X Value exceeds Maximum Contaminant Level.
- Value above quantitation range
- Analyte detected below quantitation limits
- RPD outside accepted recovery limits

- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:

1203690

22-Mar-12

Client:

Animas Environmental Services

Project:

COP Lodewick #8

Sample ID 5ML RB	SampType: MBLK Batch ID: R1568 Analysis Date: 3/20/2012			Tes						
Client ID: PBS				F	RunNo: 1	568				
Prep Date:				8	SeqNo: 4	4011	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.87		1.000		87.4	80	120			

Sample ID 100NG BTEX LCS	Samp1	Type: LC	s	Tes	tCode: El							
Client ID: LCSS	Batcl	Batch ID: R1568 RunNo: 1568										
Prep Date:	Analysis Date: 3/20/2012			8	SeqNo: 4	4012	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	1.1	0.050	1.000	0	105	83.3	107					
Toluene	1.1	0.050	1.000	0	113	74.3	115					
Ethylbenzene	1.1	0.050	1.000	0	113	80.9	122					
Xylenes, Total	3.4	0.10	3.000	0	113	85.2	123					
Surr: 4-Bromofluorobenzene	1.1		1.000		108	80	120					

Sample ID 1203687-001A N	iS Samp	Type: MS	3	TestCode: EPA Method 8021B: Volatiles								
Client ID: BatchQC	Bato	h ID: R1	568	F	RunNo: 1	568						
Prep Date:	Analysis I	Analysis Date: 3/20/2012			SeqNo: 44527			(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.75	0.050	0.7342	0	102	67.2	113					
Toluene	0.83	0.050	0.7342	0.03825	108	62.1	116					
Ethylbenzene	0.94	0.050	0.7342	0.03561	123	67.9	127					
Xylenes, Total	3.2	0.10	2.203	0.3965	125	60.6	134					
Surr: 4-Bromofluorobenzene	1.1		0.7342		144	80	120			S		

Sample ID 1203687-001A N	TestCode: EPA Method 8021B: Volatiles										
Client ID: BatchQC Batch ID: R1568				F	RunNo: 1	568					
Prep Date:	Analysis D	Analysis Date: 3/20/2012			SeqNo: 4	4529	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit		HighLimit %RPD		RPDLimit	Qual	
Benzene	0.72	0.050	0.7342	0	97.7	67.2	113	4.05	14.3		
Toluene	0.79	0.050	0.7342	0.03825	102	62.1	116	5.39	15.9		
Ethylbenzene	0.89	0.050	0.7342	0.03561	116	67.9	127	5.24	14.4		
Xylenes, Total	3.0	0.10	2.203	0.3965	120	60.6	134	3.54	12.6		
Surr: 4-Bromofluorobenzene	1.1		0.7342		146	80	120	0	0	S	

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 5 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1203690 22-Mar-12

Client:

Animas Environmental Services

Project:

COP Lodewick #8

Sample ID 1203749-001A MS

SampType: MS

TestCode: EPA Method 8021B: Volatiles

LowLimit

80

Client ID:

BatchQC

Batch ID: R1589

RunNo: 1589

Prep Date:

Analysis Date: 3/21/2012

SeqNo: 45256

Units: %REC

Analyte

Result

%REC

HighLimit %RPD **RPDLimit** Qual

Surr: 4-Bromofluorobenzene

2.0

2.000

SPK value SPK Ref Val

SPK value SPK Ref Val %REC

101

120

Sample ID 1203749-001A MSD

SampType: MSD

TestCode: EPA Method 8021B: Volatiles

Client ID: BatchQC Batch ID: R1589

RunNo: 1589

Prep Date:

Analysis Date: 3/21/2012

SeqNo: 45258

Units: %REC

HighLimit

Analyte

Result

LowLimit

%RPD

Surr. 4-Bromofluorobenzene

2.000

102

2.0

120

0

RPDLimit

Qual

Qualifiers:

R

*/X Value exceeds Maximum Contaminant Level.

Е Value above quantitation range

Analyte detected below quantitation limits RPD outside accepted recovery limits

В

Analyte detected in the associated Method Blank Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

RL Reporting Detection Limit Page 6 of 6



Hall Environmental Analysis Laborator, 1901 Hawkins Nr. Albuquerque, NM 87105

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

Sample Log-In Check List

Work Order Number: 1203690 Client Name: Animas Environmental Received by/date: 46 Logged By: Lindsay Mangin 3/20/2012 9:55:00 AM 3/20/2012 10:12:35 AM Completed By: **Lindsay** Mangin \$20 m Reviewed By: Chain of Custody Not Present ✓ 1. Were seals intact? Yes **Not Present** 2. Is Chain of Custody complete? No 3. How was the sample delivered? **FedEx** Log In 4. Coolers are present? (see 19. for cooler specific information) NA NA 5. Was an attempt made to cool the samples? 6. Were all samples received at a temperature of >0° C to 6.0°C NA 7 Sample(s) in proper container(s)? 8 Sufficient sample volume for indicated test(s)? Yes 9. Are samples (except VOA and ONG) properly preserved? Yes NA 10. Was preservative added to bottles? No Yes No VOA Vials ✓ No 11. VOA vials have zero headspace? Yes 12. Were any sample containers received broken? No Yes # of preserved 13. Does paperwork match bottle labels? No bottles checked (Note discrepancies on chain of custody) for pH: 14. Are matrices correctly identified on Chain of Custody? (<2 or >12 unless noted) Adjusted? 15. Is it clear what analyses were requested? No 16. Were all holding times able to be met? No (If no, notify customer for authorization.) Checked by: Special Handling (if applicable) 17. Was client notified of all discrepancies with this order? Yes NA V No Person Notified: Date: By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 18 Additional remarks: 19. Cooler Information Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date Good

Client:	Mnimas Env. Services			Turn-Around Time: Standard Rush SAME Day Project Name: Cop					HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com											, ,
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QA/QC	Package: ndard		☐ Level 4 (Full Validation)	1	Ross Kenne		TMB's (8021)	+ TPH (Gas only)	as/Die					PCB's				:		
	Accreditation NELAP Other		Sampler: 75				+ TPH)15B (G	18.1)	04.1)	ÀH)		3,1402		₹				S L	
□ EDI	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type		BTEX + MTBE	BTEX + MTBE	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (SemI-VOA)	Chlondes			Air Bubbles (Y
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