

Bratcher, Mike, EMNRD

From: Blevins, Bradley G <Bradley.Blevins@chevron.com>
Sent: Monday, November 18, 2013 12:59 PM
To: Bratcher, Mike, EMNRD; 'Amos, James'
Cc: Blevins, Bradley G
Subject: FW: LOTOS 15 FEDERAL #1
Attachments: H302685 EPI.pdf

Mike/ Jim

Attached you will find the lab data for the Lotos 15 Federal 1, this was the site where the truck illegally dumped on our location. As you can see in the data the samples are clean. I would like to request no further action for this site and submit a final C-141 for closure. Please respond back with your comments or questions. Thank you.



Bradley Blevins
Chevron Delaware Basin
HE Specialist
Hobbs FMT
Direct 575-391-1462 86424
Cell- 575-441-0341

From: Celey Keene [<mailto:celey.keene@cardinallabsnm.com>]
Sent: Monday, November 11, 2013 10:40 AM
To: Daniel Dominguez; Blevins, Bradley G
Subject: LOTOS 15 FEDERAL #1

THANK YOU,

Celey Keene
Lab Director
Cardinal Laboratories
101 East Marland
Hobbs, NM 88240
T: (575) 393-2326
F: (575) 393-2476
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PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

November 11, 2013

Daniel Dominguez
Environmental Plus, Inc.
P.O. Box 1558
Eunice, NM 88231

RE: LOTOS 15 FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 11/04/13 15:21.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 11/04/2013
Reported: 11/11/2013
Project Name: LOTOS 15 FEDERAL #1
Project Number: 160512
Project Location: UL-P SEC. 15, T24S, R31E

Sampling Date: 11/04/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 (1') (H302685-01)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2013	ND	2.15	107	2.00	0.550	
Toluene*	<0.050	0.050	11/08/2013	ND	2.18	109	2.00	0.818	
Ethylbenzene*	<0.050	0.050	11/08/2013	ND	2.23	112	2.00	1.48	
Total Xylenes*	<0.150	0.150	11/08/2013	ND	6.72	112	6.00	2.51	
Total BTX	<0.300	0.300	11/08/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 107 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/06/2013	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/05/2013	ND	209	105	200	3.08	
DRO >C10-C28	<10.0	10.0	11/05/2013	ND	215	107	200	3.07	

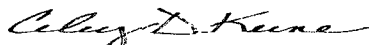
Surrogate: 1-Chlorooctane 83.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 88.1 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 11/04/2013
Reported: 11/11/2013
Project Name: LOTOS 15 FEDERAL #1
Project Number: 160512
Project Location: UL-P SEC. 15, T24S, R31E

Sampling Date: 11/04/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 (2') (H302685-02)

BTEX 80218			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/08/2013	ND	2.15	107	2.00	0.550		
Toluene*	<0.050	0.050	11/08/2013	ND	2.18	109	2.00	0.818		
Ethylbenzene*	<0.050	0.050	11/08/2013	ND	2.23	112	2.00	1.48		
Total Xylenes*	<0.150	0.150	11/08/2013	ND	6.72	112	6.00	2.51		
Total BTEX	<0.300	0.300	11/08/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 107 % 89.4-126

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/06/2013	ND	416	104	400	3.92		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/05/2013	ND	209	105	200	3.08		
DRO >C10-C28	<10.0	10.0	11/05/2013	ND	215	107	200	3.07		

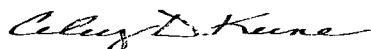
Surrogate: 1-Chlorooctane 81.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 81.3 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 11/04/2013
Reported: 11/11/2013
Project Name: LOTOS 15 FEDERAL #1
Project Number: 160512
Project Location: UL-P SEC. 15, T24S, R31E

Sampling Date: 11/04/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 (3') (H302685-03)

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2013	ND	2.15	107	2.00	0.550	
Toluene*	<0.050	0.050	11/08/2013	ND	2.18	109	2.00	0.818	
Ethylbenzene*	<0.050	0.050	11/08/2013	ND	2.23	112	2.00	1.48	
Total Xylenes*	<0.150	0.150	11/08/2013	ND	6.72	112	6.00	2.51	
Total BTEX	<0.300	0.300	11/08/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 89.4-126

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/06/2013	ND	416	104	400	3.92	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/05/2013	ND	209	105	200	3.08	
DRO >C10-C28	<10.0	10.0	11/05/2013	ND	215	107	200	3.07	

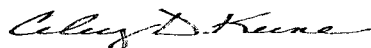
Surrogate: 1-Chlorooctane 86.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.5 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 11/04/2013
Reported: 11/11/2013
Project Name: LOTOS 15 FEDERAL #1
Project Number: 160512
Project Location: UL-P SEC. 15, T24S, R31E

Sampling Date: 11/04/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 (4') (H302685-04)

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2013	ND	2.15	107	2.00	0.550	
Toluene*	<0.050	0.050	11/08/2013	ND	2.18	109	2.00	0.818	
Ethylbenzene*	<0.050	0.050	11/08/2013	ND	2.23	112	2.00	1.48	
Total Xylenes*	<0.150	0.150	11/08/2013	ND	6.72	112	6.00	2.51	
Total BTX	<0.300	0.300	11/08/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 108 % 89.4-126

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/06/2013	ND	416	104	400	3.92	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/05/2013	ND	209	105	200	3.08	
DRO >C10-C28	<10.0	10.0	11/05/2013	ND	215	107	200	3.07	

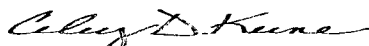
Surrogate: 1-Chlorooctane 87.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 92.0 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Environmental Plus, Inc.
 Daniel Dominguez
 P.O. Box 1558
 Eunice NM, 88231
 Fax To: (505) 394-2601

 Received: 11/04/2013
 Reported: 11/11/2013
 Project Name: LOTOS 15 FEDERAL #1
 Project Number: 160512
 Project Location: UL-P SEC. 15, T24S, R31E

 Sampling Date: 11/04/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 (1') (H302685-05)

BTEX 80218			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/08/2013	ND	2.15	107	2.00	0.550		
Toluene*	<0.050	0.050	11/08/2013	ND	2.18	109	2.00	0.818		
Ethylbenzene*	<0.050	0.050	11/08/2013	ND	2.23	112	2.00	1.48		
Total Xylenes*	<0.150	0.150	11/08/2013	ND	6.72	112	6.00	2.51		
Total BTEX	<0.300	0.300	11/08/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 108 % 89.4-126

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	11/06/2013	ND	416	104	400	3.92		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/05/2013	ND	209	105	200	3.08		
DRO >C10-C28	<10.0	10.0	11/05/2013	ND	215	107	200	3.07		

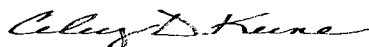
Surrogate: 1-Chlorooctane 91.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 102 % 63.6-154

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 11/04/2013
Reported: 11/11/2013
Project Name: LOTOS 15 FEDERAL #1
Project Number: 160512
Project Location: UL-P SEC. 15, T24S, R31E

Sampling Date: 11/04/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 (2') (H302685-06)

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2013	ND	2.15	107	2.00	0.550	
Toluene*	<0.050	0.050	11/08/2013	ND	2.18	109	2.00	0.818	
Ethylbenzene*	<0.050	0.050	11/08/2013	ND	2.23	112	2.00	1.48	
Total Xylenes*	<0.150	0.150	11/08/2013	ND	6.72	112	6.00	2.51	
Total BTEX	<0.300	0.300	11/08/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 107 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/06/2013	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/05/2013	ND	209	105	200	3.08	
DRO >C10-C28	<10.0	10.0	11/05/2013	ND	215	107	200	3.07	

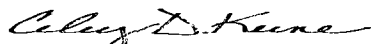
Surrogate: 1-Chlorooctane 91.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 11/04/2013
Reported: 11/11/2013
Project Name: LOTOS 15 FEDERAL #1
Project Number: 160512
Project Location: UL-P SEC. 15, T24S, R31E

Sampling Date: 11/04/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 (3') (H302685-07)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2013	ND	2.15	107	2.00	0.550	
Toluene*	<0.050	0.050	11/08/2013	ND	2.18	109	2.00	0.818	
Ethylbenzene*	<0.050	0.050	11/08/2013	ND	2.23	112	2.00	1.48	
Total Xylenes*	<0.150	0.150	11/08/2013	ND	6.72	112	6.00	2.51	
Total BTX	<0.300	0.300	11/08/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 108 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/06/2013	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/05/2013	ND	209	105	200	3.08	
DRO >C10-C28	<10.0	10.0	11/05/2013	ND	215	107	200	3.07	

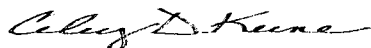
Surrogate: 1-Chlorooctane 90.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celest D. Keene, Lab Director/Quality Manager

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 11/04/2013
Reported: 11/11/2013
Project Name: LOTOS 15 FEDERAL #1
Project Number: 160512
Project Location: UL-P SEC. 15, T24S, R31E

Sampling Date: 11/04/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 (4') (H302685-08)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2013	ND	2.15	107	2.00	0.550	
Toluene*	<0.050	0.050	11/08/2013	ND	2.18	109	2.00	0.818	
Ethylbenzene*	<0.050	0.050	11/08/2013	ND	2.23	112	2.00	1.48	
Total Xylenes*	<0.150	0.150	11/08/2013	ND	6.72	112	6.00	2.51	
Total BTX	<0.300	0.300	11/08/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/06/2013	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/05/2013	ND	209	105	200	3.08	
DRO >C10-C28	<10.0	10.0	11/05/2013	ND	215	107	200	3.07	

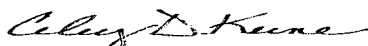
Surrogate: 1-Chlorooctane 85.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.8 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

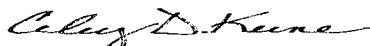
Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

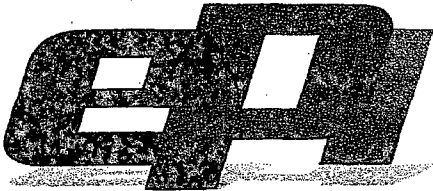
Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231
(575) 394-3481 FAX: (575) 394-2601

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

LAB Cardinal

Company Name		Environmental Plus, Inc.		Bill To		ANALYSIS REQUEST																	
EPI Project Manager		Daniel Dominguez		 <p>Attn: Daniel Dominguez P.O. Box 1558 Eunice, NM 88231</p>																			
Mailing Address		P.O. BOX 1558																					
City, State, Zip		Eunice New Mexico 88231																					
EPI Phone#/Fax#		575-394-3481 / 575-394-2601																					
Client Company		Chevron																					
Facility Name		Lotos 15 Federal #1																					
Location		UL-P Sec. 15, T24S, R31E																					
Project Reference		160512																					
EPI Sampler Name		David Robinson																					
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		BTEX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ²⁻)	pH	TCLP	OTHER >>>	PAH		
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE									TIME	
H302635																							
	1 SP1 (1')	G	1			X								04-Nov-13	10:00	X	X	X					
	2 SP1 (2')	G	1			X								04-Nov-13	10:01	X	X	X					
	3 SP1 (3')	G	1			X								04-Nov-13	10:02	X	X	X					
	4 SP1 (4')	G	1			X								04-Nov-13	10:03	X	X	X					
	5 SP2 (1')	G	1			X								04-Nov-13	10:30	X	X	X					
	6 SP2 (2')	G	1			X								04-Nov-13	10:31	X	X	X					
	7 SP2 (3')	G	1			X								04-Nov-13	10:32	X	X	X					
	8 SP2 (4')	G	1			X								04-Nov-13	10:33	X	X	X					
	9																						
	10																						

Sampler Relinquished:		Date: 11-4-13	Received By:	E-mail results to: ddominguezepi@gmail.com & bradley.blevins@chevron.com	
Relinquished by: <i>David Robinson</i>		Time: 1:00 PM	Received By: (lab staff)	NOTES:	
Delivered by: <i>David Robinson</i>		Date: 11/4/13	Time: 3:21 PM	Sample Cool & Intact	
		Yes	No	Checked By: <i>gth</i>	

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