

NM1 - _____12_____

**MONITORING
REPORT**

YEAR(S):

____2011 - 2012____

C & C LANDFARM

NM-01-0012

BI-ANNUAL SAMPLING

DECEMBER 2012

RECEIVED OCD
2013 FEB -8 PM 2:06

February 5, 2013

NMOCD Environmental
ATTN: Brad Jones
1220 S. Saint Francis Drive
Santa Fe, NM 87504

RE: C & C Landfarm (NM-01-0012)
Bi-Annual Sampling & 5 yr. Monitoring
Cell G

Mr. Jones:

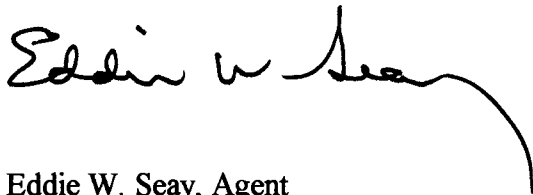
Find enclosed a copy of the bi-annual sampling for C & C Landfarm, Treatment zone samples, Vadose zone sampling and one cell for the five year monitoring.

All samples were taken and analyzed according to the guidelines set forth in Rule 36.

C & C continues to operate and maintain the landfarm as permit requires.

Should you have any questions or need additional information, please call.

Thanks,

A handwritten signature in black ink, appearing to read "Eddie W. Seay", with a long, sweeping underline that extends to the right.

Eddie W. Seay, Agent
Eddie Seay Consulting
601 W. Illinois
Hobbs, NM 88242
575-392-2236
seay04@leaco.net

cc: C & C Landfarm

January 02, 2013

Eddie Seay

Eddie Seay Consulting

601 W. Illinois

Hobbs, NM 88242

RE: C & C LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 12/27/12 10:05.

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.

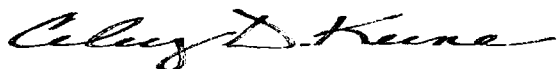
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/27/2012
Reported: 01/02/2013
Project Name: C & C LANDFARM
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/26/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL A - T (H203092-01)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/31/2012	ND	432	108	400	7.69		
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	12/29/2012	ND	188	94.0	200	10.0		
DRO >C10-C28	125	10.0	12/29/2012	ND	198	99.0	200	13.6		

Surrogate: 1-Chlorooctane 85.5 % 65.2-140
Surrogate: 1-Chlorooctadecane 106 % 63.6-154

Sample ID: CELL B - T (H203092-02)

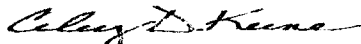
Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/31/2012	ND	432	108	400	7.69		
TPH 8015M			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/29/2012	ND	188	94.0	200	10.0		
DRO >C10-C28	<10.0	10.0	12/29/2012	ND	198	99.0	200	13.6		

Surrogate: 1-Chlorooctane 87.8 % 65.2-140
Surrogate: 1-Chlorooctadecane 94.2 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 Eddie Seay
 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

 Received: 12/27/2012
 Reported: 01/02/2013
 Project Name: C & C LANDFARM
 Project Number: NONE GIVEN
 Project Location: MONUMENT, NM

 Sampling Date: 12/26/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL C - T (H203092-03)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	12/31/2012	ND	432	108	400	11.8	
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	12/29/2012	ND	188	94.0	200	10.0	
DRO >C10-C28	<10.0	10.0	12/29/2012	ND	198	99.0	200	13.6	

Surrogate: 1-Chlorooctane 78.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 84.6 % 63.6-154

Sample ID: CELL D - T (H203092-04)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/31/2012	ND	432	108	400	11.8	
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	12/29/2012	ND	188	94.0	200	10.0	
DRO >C10-C28	55.4	10.0	12/29/2012	ND	198	99.0	200	13.6	

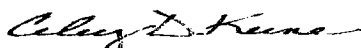
Surrogate: 1-Chlorooctane 87.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.8 % 63.6-154

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/27/2012
Reported: 01/02/2013
Project Name: C & C LANDFARM
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/26/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL E - T (H203092-05)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/31/2012	ND	432	108	400	11.8	
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	12/29/2012	ND	188	94.0	200	10.0	
DRO >C10-C28	<10.0	10.0	12/29/2012	ND	198	99.0	200	13.6	

Surrogate: 1-Chlorooctane 81.0 % 65.2-140
Surrogate: 1-Chlorooctadecane 83.8 % 63.6-154

Sample ID: CELL F - T (H203092-06)

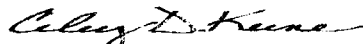
Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/31/2012	ND	432	108	400	11.8	
TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/29/2012	ND	188	94.0	200	10.0	
DRO >C10-C28	<10.0	10.0	12/29/2012	ND	198	99.0	200	13.6	

Surrogate: 1-Chlorooctane 87.7 % 65.2-140
Surrogate: 1-Chlorooctadecane 94.0 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/27/2012
Reported: 01/02/2013
Project Name: C & C LANDFARM
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/26/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL G - T (H203092-07)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/31/2012	ND	432	108	400	11.8		
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	12/29/2012	ND	188	94.0	200	10.0		
DRO >C10-C28	195	10.0	12/29/2012	ND	198	99.0	200	13.6		

Surrogate: 1-Chlorooctane 81.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.9 % 63.6-154

Sample ID: CELL H - T (H203092-08)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/31/2012	ND	432	108	400	11.8		
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	12/29/2012	ND	188	94.0	200	10.0		
DRO >C10-C28	135	10.0	12/29/2012	ND	198	99.0	200	13.6		

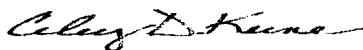
Surrogate: 1-Chlorooctane 84.0 % 65.2-140

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:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/27/2012
Reported: 01/02/2013
Project Name: C & C LANDFARM
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/26/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL I - T (H203092-09)

Chloride, SM4500C1-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/31/2012	ND	432	108	400	11.8	
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	12/29/2012	ND	188	94.0	200	10.0	
DRO >C10-C28	51.1	10.0	12/29/2012	ND	198	99.0	200	13.6	
Surrogate: 1-Chlorooctane		89.1 %	65.2-140						
Surrogate: 1-Chlorooctadecane		103 %	63.6-154						


Sample ID: CELL J - T (H203092-10)

Chloride, SM4500C1-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/31/2012	ND	432	108	400	11.8	
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	12/29/2012	ND	188	94.0	200	10.0	
DRO >C10-C28	120	10.0	12/29/2012	ND	198	99.0	200	13.6	
Surrogate: 1-Chlorooctane		83.4 %	65.2-140						
Surrogate: 1-Chlorooctadecane		94.4 %	63.6-154						

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/27/2012
Reported: 01/02/2013
Project Name: C & C LANDFARM
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/26/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL K - T (H203092-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	12/31/2012	ND	432	108	400	11.8	
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	12/29/2012	ND	188	94.0	200	10.0	
DRO >C10-C28	58.1	10.0	12/29/2012	ND	198	99.0	200	13.6	

Surrogate: 1-Chlorooctane 89.1 % 65.2-140
Surrogate: 1-Chlorooctadecane 102 % 63.6-154

Sample ID: CELL L - T (H203092-12)

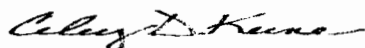
Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	12/31/2012	ND	432	108	400	11.8	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/29/2012	ND	188	94.0	200	10.0	
DRO >C10-C28	28.5	10.0	12/29/2012	ND	198	99.0	200	13.6	

Surrogate: 1-Chlorooctane 88.1 % 65.2-140
Surrogate: 1-Chlorooctadecane 102 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/27/2012
Reported: 01/02/2013
Project Name: C & C LANDFARM
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/26/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL M - T (H203092-13)**Chloride, SM4500Cl-B**

mg/kg

Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/31/2012	ND	432	108	400	11.8	

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	12/29/2012	ND	188	94.0	200	10.0	
DRO >C10-C28	45.9	10.0	12/29/2012	ND	198	99.0	200	13.6	

Surrogate: 1-Chlorooctane 80.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 93.5 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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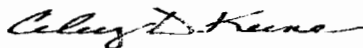
Celey D. Keene, Lab Director/Quality Manager

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

Cardinal Laboratories***=Accredited Analyte**

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Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476**

BILL TO						ANALYSIS REQUEST																						
Company Name: Eddie Swan Consulting Project Manager: Eddie Swan Address: 6801 W Illinois City: Adams State: NM Zip: 87242 Phone #: 2-2236 Fax #: 2-6949 Project #: C+C Landform Project Owner: J. Cooper Project Name: C+C Landform (NM-01-0012) Project Location: Monument N.M., Sub 3 Sampler Name: Eddie Swan (Treatment Zone)						P.O. #:																						
Company: Attn: Address: City: State: Phone #: Fax #:																												
FOR LAB USE ONLY						MATRIX	PRESERV		SAMPLING																			
Lab I.D.						# CONTAINERS	(G)RAB OR (C)OMPOSITE	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME										
Sample I.D.																	12/24	8:15										
Cell A - TTTT																	12/26	8:40										
Sub B - TTTT																	12/26	9:05										
Sub C - TTTT																	12/26	9:25										
Sub D - TTTT																	12/26	9:50										
Sub E - TTTT																	12/26	10:15										
Sub F - TTTT																	12/26	10:35										
Sub G - TTTT																	12/26	11:00										
Sub H - TTTT																	12/26	11:25										
Sub I - TTTT																	12/26	12:00										
Sub J - TTTT																												
Sub K - TTTT																												
Sub L - TTTT																												
Sub M - TTTT																												
Sub N - TTTT																												
Sub O - TTTT																												
Sub P - TTTT																												
Sub Q - TTTT																												
Sub R - TTTT																												
Sub S - TTTT																												
Sub T - TTTT																												
Sub U - TTTT																												
Sub V - TTTT																												
Sub W - TTTT																												
Sub X - TTTT																												
Sub Y - TTTT																												
Sub Z - TTTT																												
Relinquished By: Eddie Swan						Date: 12/27	Received By: [Signature]	Date: 10:05	Retrieved By: [Signature]																			
Delivered By: (Circle One)																												
Sampler - UPS - Bus - Other:																												



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

PLEASE NOTE: Lendity 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 the client for the 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 30 days after completion of the applicable analyses.

Page 11 of 11

January 03, 2013

Eddie Seay

Eddie Seay Consulting

601 W. Illinois

Hobbs, NM 88242

RE: C & C LANDFARM - VADOSE ZONE

Enclosed are the results of analyses for samples received by the laboratory on 12/28/12 14:55.

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.

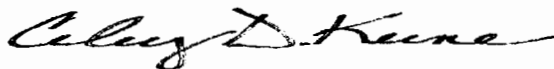
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/28/2012
Reported: 01/03/2013
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL A (H203109-01)

BTX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2012	ND	1.73	86.6	2.00	13.7	
Toluene*	<0.050	0.050	12/31/2012	ND	1.85	92.6	2.00	13.9	
Ethylbenzene*	<0.050	0.050	12/31/2012	ND	1.77	88.5	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/31/2012	ND	5.45	90.8	6.00	14.0	
Total BTX	<0.300	0.300	12/31/2012	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	32.0	16.0	01/02/2013	ND	432	108	400	3.77	

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	12/31/2012	ND	187	93.5	200	0.497	
DRO >C10-C28	<10.0	10.0	12/31/2012	ND	199	99.5	200	0.749	

Surrogate: 1-Chlorooctane 77.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 87.0 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	12/28/2012	Sampling Date:	12/27/2012
Reported:	01/03/2013	Sampling Type:	Soil
Project Name:	C & C LANDFARM - VADOSE ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL B (H203109-02)

BTX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2012	ND	1.73	86.6	2.00	13.7	
Toluene*	<0.050	0.050	12/31/2012	ND	1.85	92.6	2.00	13.9	
Ethylbenzene*	<0.050	0.050	12/31/2012	ND	1.77	88.5	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/31/2012	ND	5.45	90.8	6.00	14.0	
Total BTX	<0.300	0.300	12/31/2012	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	32.0	16.0	01/02/2013	ND	432	108	400	3.77	

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	12/31/2012	ND	187	93.5	200	0.497	
DRO >C10-C28	<10.0	10.0	12/31/2012	ND	199	99.5	200	0.749	

Surrogate: 1-Chlorooctane 82.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 91.0 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/28/2012
Reported: 01/03/2013
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL C (H203109-03)

BTX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2012	ND	1.73	86.6	2.00	13.7	
Toluene*	<0.050	0.050	12/31/2012	ND	1.85	92.6	2.00	13.9	
Ethylbenzene*	<0.050	0.050	12/31/2012	ND	1.77	88.5	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/31/2012	ND	5.45	90.8	6.00	14.0	
Total BTX	<0.300	0.300	12/31/2012	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117% 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	01/02/2013	ND	432	108	400	3.77	

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	12/31/2012	ND	187	93.5	200	0.497	
DRO >C10-C28	<10.0	10.0	12/31/2012	ND	199	99.5	200	0.749	


Surrogate: 1-Chlorooctane 78.7% 65.2-140

Surrogate: 1-Chlorooctadecane 83.0% 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 Eddie Seay
 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

Received:	12/28/2012	Sampling Date:	12/27/2012
Reported:	01/03/2013	Sampling Type:	Soil
Project Name:	C & C LANDFARM - VADOSE ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL D (H203109-04)

BTX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2012	ND	1.73	86.6	2.00	13.7	
Toluene*	<0.050	0.050	12/31/2012	ND	1.85	92.6	2.00	13.9	
Ethylbenzene*	<0.050	0.050	12/31/2012	ND	1.77	88.5	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/31/2012	ND	5.45	90.8	6.00	14.0	
Total BTX	<0.300	0.300	12/31/2012	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	01/02/2013	ND	432	108	400	3.77	

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	12/31/2012	ND	187	93.5	200	0.497	
DRO >C10-C28	<10.0	10.0	12/31/2012	ND	199	99.5	200	0.749	

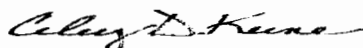
Surrogate: 1-Chlorooctane 76.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 85.1 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	12/28/2012	Sampling Date:	12/27/2012
Reported:	01/03/2013	Sampling Type:	Soil
Project Name:	C & C LANDFARM - VADOSE ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL E (H203109-05)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2012	ND	1.73	86.6	2.00	13.7	
Toluene*	<0.050	0.050	12/31/2012	ND	1.85	92.6	2.00	13.9	
Ethylbenzene*	<0.050	0.050	12/31/2012	ND	1.77	88.5	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/31/2012	ND	5.45	90.8	6.00	14.0	
Total BTEX	<0.300	0.300	12/31/2012	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	32.0	16.0	01/02/2013	ND	432	108	400	3.77	

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	12/31/2012	ND	187	93.5	200	0.497	
DRO >C10-C28	<10.0	10.0	12/31/2012	ND	199	99.5	200	0.749	

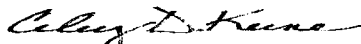
Surrogate: 1-Chlorooctane 80.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 91.7 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/28/2012
Reported: 01/03/2013
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL F (H203109-06)

BTEX 8021B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2012	ND	1.73	86.6	2.00	13.7	
Toluene*	<0.050	0.050	12/31/2012	ND	1.85	92.6	2.00	13.9	
Ethylbenzene*	<0.050	0.050	12/31/2012	ND	1.77	88.5	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/31/2012	ND	5.45	90.8	6.00	14.0	
Total BTEX	<0.300	0.300	12/31/2012	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	32.0	16.0	01/02/2013	ND	432	108	400	3.77	

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	12/31/2012	ND	187	93.5	200	0.497	
DRO >C10-C28	<10.0	10.0	12/31/2012	ND	199	99.5	200	0.749	

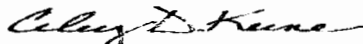
Surrogate: 1-Chlorooctane 75.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 79.3 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celest D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/28/2012
Reported: 01/03/2013
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL H (H203109-07)

BTX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2012	ND	1.73	86.6	2.00	13.7	
Toluene*	<0.050	0.050	12/31/2012	ND	1.85	92.6	2.00	13.9	
Ethylbenzene*	<0.050	0.050	12/31/2012	ND	1.77	88.5	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/31/2012	ND	5.45	90.8	6.00	14.0	
Total BTX	<0.300	0.300	12/31/2012	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	32.0	16.0	01/02/2013	ND	432	108	400	3.77	

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	12/31/2012	ND	187	93.5	200	0.497	
DRO >C10-C28	<10.0	10.0	12/31/2012	ND	199	99.5	200	0.749	

Surrogate: 1-Chlorooctane 79.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 85.8 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 Eddie Seay
 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

 Received: 12/28/2012
 Reported: 01/03/2013
 Project Name: C & C LANDFARM - VADOSE ZONE
 Project Number: NONE GIVEN
 Project Location: MONUMENT, NM

 Sampling Date: 12/27/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL I (H203109-08)
BTEX 8021B

mg/kg

Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2012	ND	1.73	86.6	2.00	13.7	
Toluene*	<0.050	0.050	12/31/2012	ND	1.85	92.6	2.00	13.9	
Ethylbenzene*	<0.050	0.050	12/31/2012	ND	1.77	88.5	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/31/2012	ND	5.45	90.8	6.00	14.0	
Total BTEX	<0.300	0.300	12/31/2012	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	32.0	16.0	01/02/2013	ND	432	108	400	3.77	

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	12/31/2012	ND	187	93.5	200	0.497	
DRO >C10-C28	<10.0	10.0	12/31/2012	ND	199	99.5	200	0.749	


Surrogate: 1-Chlorooctane 82.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 91.1 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	12/28/2012	Sampling Date:	12/28/2012
Reported:	01/03/2013	Sampling Type:	Soil
Project Name:	C & C LANDFARM - VADOSE ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL J (H203109-09)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2012	ND	1.73	86.6	2.00	13.7	
Toluene*	<0.050	0.050	12/31/2012	ND	1.85	92.6	2.00	13.9	
Ethylbenzene*	<0.050	0.050	12/31/2012	ND	1.77	88.5	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/31/2012	ND	5.45	90.8	6.00	14.0	
Total BTEX	<0.300	0.300	12/31/2012	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	01/02/2013	ND	432	108	400	3.77	


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	12/31/2012	ND	187	93.5	200	0.497	
DRO >C10-C28	<10.0	10.0	12/31/2012	ND	199	99.5	200	0.749	

Surrogate: 1-Chlorooctane 85.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.1 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 Eddie Seay
 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

 Received: 12/28/2012
 Reported: 01/03/2013
 Project Name: C & C LANDFARM - VADOSE ZONE
 Project Number: NONE GIVEN
 Project Location: MONUMENT, NM

 Sampling Date: 12/28/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL K (H203109-10)

BTEx 8021B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2012	ND	1.73	86.6	2.00	13.7	
Toluene*	<0.050	0.050	12/31/2012	ND	1.85	92.6	2.00	13.9	
Ethylbenzene*	<0.050	0.050	12/31/2012	ND	1.77	88.5	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/31/2012	ND	5.45	90.8	6.00	14.0	
Total BTEx	<0.300	0.300	12/31/2012	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	32.0	16.0	01/02/2013	ND	432	108	400	3.77	

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	12/31/2012	ND	187	93.5	200	0.497	
DRO >C10-C28	<10.0	10.0	12/31/2012	ND	199	99.5	200	0.749	

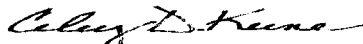
Surrogate: 1-Chlorooctane 82.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 93.5 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 Eddie Seay
 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

Received:	12/28/2012	Sampling Date:	12/28/2012
Reported:	01/03/2013	Sampling Type:	Soil
Project Name:	C & C LANDFARM - VADOSE ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL L (H203109-11)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2012	ND	1.73	86.6	2.00	13.7	
Toluene*	<0.050	0.050	12/31/2012	ND	1.85	92.6	2.00	13.9	
Ethylbenzene*	<0.050	0.050	12/31/2012	ND	1.77	88.5	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/31/2012	ND	5.45	90.8	6.00	14.0	
Total BTEX	<0.300	0.300	12/31/2012	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	01/02/2013	ND	432	108	400	3.77	

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	12/31/2012	ND	187	93.5	200	0.497	
DRO >C10-C28	<10.0	10.0	12/31/2012	ND	199	99.5	200	0.749	

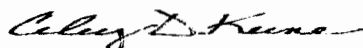
Surrogate: 1-Chlorooctane 78.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 82.1 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	12/28/2012	Sampling Date:	12/28/2012
Reported:	01/03/2013	Sampling Type:	Soil
Project Name:	C & C LANDFARM - VADOSE ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL M (H203109-12)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2012	ND	1.73	86.6	2.00	13.7	
Toluene*	<0.050	0.050	12/31/2012	ND	1.85	92.6	2.00	13.9	
Ethylbenzene*	<0.050	0.050	12/31/2012	ND	1.77	88.5	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/31/2012	ND	5.45	90.8	6.00	14.0	
Total BTEX	<0.300	0.300	12/31/2012	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	01/02/2013	ND	432	108	400	3.77	

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	12/31/2012	ND	187	93.5	200	0.497	
DRO >C10-C28	<10.0	10.0	12/31/2012	ND	199	99.5	200	0.749	

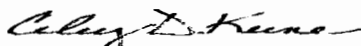
Surrogate: 1-Chlorooctane 87.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.9 % 63.6-154

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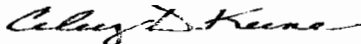
Celey D. Keene, Lab Director/Quality Manager

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

1 of 2

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Eddie's Safety Consulting Project Manager: Eddie's Safety Address: 601 W. 11th Ave. City: Hobbs State: NM Zip: 88240 Phone #: 2-2236 Fax #: 2-6949 Project #: CTC Labform Project Owner: J. Cooper Project Name: CTC Labform M (NM 01-0012) Project Location: Monument N.M. Sect 3 Sampler Name: Eddie's Safety (Voorse 2004)		BILL TO P.O. #: Company: Attn: Address: City: State: Phone #: Fax #:		ANALYSIS REQUEST (Blank space for analysis request details)	
--	--	---	--	---	--

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	AC/D/BASE	ICE / COOL	OTHER:	PRESERV	SAMPLING	DATE	TIME
HAZARDOUS	Cell A	✓	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12/27	10:30
	Cell B	✓	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12/27	11:10
	Cell C	✓	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12/27	11:45
	Cell D	✓	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12/27	12:20
	Cell E	✓	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12/27	2:15
	Cell F	✓	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12/27	3:00
	Cell H	✓	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12/27	3:40
	Cell I	✓	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12/27	4:25
	Cell J	✓	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12/28	11:10

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Relinquished By: Eddie's Safety Date: 12/28 Time: 2:55	Received By: [Signature] Date: 12/28 Time: 2:55	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #:
REMARKS: (Blank space for remarks)		
Delivered By: (Circle One) Eddie's Safety	Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: [Signature]
Sampler - UPS - Bus - Other:		

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

2 of 2



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Eddie Swan Consulting		P.O. #:		BILL TO		ANALYSIS REQUEST													
Project Manager: Eddie Swan		Company:																	
Address: 6001 W. Hillman		City: Hobbs		State: NM		Zip: 88240													
Phone #: 2-2236		Fax #: 2-6949																	
Project #: CTC		Project Owner: J. Capen																	
Project Name: CBC Cardfarms		Phone #:																	
Project Location: Monument N.M. Sect 3		Fax #:																	
Sampler Name: Eddie Swan (Vadose)																			

Lab I.D.	Sample I.D.	FOR LAB USE ONLY				MATRIX		PRESERV		SAMPLING		DATE	TIME
		(G) OR (C) OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL		
103167	Coel K		1									12/28	11:45
11	Coel L		1									12/28	12:30
12	Coel M		1									12/28	1:15

Relinquished By: *Eddie Swan* **Date:** 12/28 **Time:** 2:55

Relinquished By: *Michelle Mendon* **Date:** 12/28 **Time:** 2:55

Delivered By: (Circle One)	Sample Condition	CHECKED BY:
<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

January 31, 2013

Eddie Seay
Eddie Seay Consulting
601 W. Illinois
Hobbs, NM 88242

RE: C & C LANDFARM (NM-01-0012) VADOSE ZONE

Enclosed are the results of analyses for samples received by the laboratory on 12/28/12 14:55.

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 on 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:

Eddie Seay Consulting 601 W. Illinois Hobbs NM, 88242	Project: C & C LANDFARM (NM-01-0012) V/ Project Number: C & C LANDFARM Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 31-Jan-13 11:33
---	--	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CELL G - 1	H203108-01	Soil	28-Dec-12 08:20	28-Dec-12 14:55
CELL G - 2	H203108-02	Soil	28-Dec-12 08:50	28-Dec-12 14:55
CELL G - 3	H203108-03	Soil	28-Dec-12 09:30	28-Dec-12 14:55
CELL G - 4	H203108-04	Soil	28-Dec-12 10:15	28-Dec-12 14:55

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting 601 W. Illinois Hobbs NM, 88242	Project: C & C LANDFARM (NM-01-0012) V/ Project Number: C & C LANDFARM Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 31-Jan-13 11:33
---	--	------------------------------

CELL G - 1
H203108-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories
Inorganic Compounds

% Solids	100		%	1	3012914	CK	03-Jan-13	D2216	GAL
Chloride	31.0	16.0	mg/kg	4	3011010	DW	15-Jan-13	4500-Cl-B	
Cyanide (total)	ND	5.00	mg/kg dry wt.	1000	3013108	CK	04-Jan-13	9012B	GAL
Fluoride	5.00	0.800	mg/kg dry wt.	4	3013107	CK	08-Jan-13	4500F C	GAL
Nitrate/Nitrite as N	6.72	0.200	mg/kg dry wt.	4	3013105	CK	07-Jan-13	353.2	GAL
Nitrite as N	ND	0.080	mg/kg dry wt.	4	3013105	CK	23-Jan-13	353.2	GAL
pH*	8.14	0.100	pH Units	1	3010419	DW	04-Jan-13	150.1	
Phenols	ND	0.5	mg/kg dry wt.	1	3013110	CK	14-Jan-13	EPA9065	
Sulfate	53.6	40.0	mg/kg	4	3010805	AP	08-Jan-13	375.4	

Organic Compounds

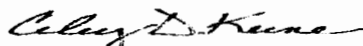
GRO C6-C10	ND	10.0	mg/kg	1	2123101	MS	31-Dec-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2123101	MS	31-Dec-12	8015M	
Surrogate: 1-Chlorooctane		77.8 %	65.2-140		2123101	MS	31-Dec-12	8015M	
Surrogate: 1-Chlorooctadecane		87.0 %	63.6-154		2123101	MS	31-Dec-12	8015M	

Organic Compounds
SUB-SS

PCB 1016	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1221	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1232	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1242	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1248	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1254	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1260	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
Surrogate: Tetrachloro-meta-xylene		92.0 %	35-140		3013109	CK	09-Jan-13	8082	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM (NM-01-0012) V/
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

CELL G - 1 H203108-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Total Metals

Arsenic	13.2	10.0 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL
Barium	94.6	1.00 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL
Cadmium	0.297	0.0100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Chromium	2.22	0.100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Copper	3.51	2.00 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL
Iron	3700	5.0 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL
Lead	2.01	0.05 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Manganese	42.5	0.5 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL
Selenium	0.440	0.100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Silver	0.0376	0.0100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Uranium	0.505	0.0100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Zinc	24.4	5.0 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL

Mercury (Total) by CVAA

Mercury	ND	0.099 mg/kg dry wt.	495	3013114	CK	03-Jan-13	7471A	GAL
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Radionuclides

SUB-RS

Radium-226	1.5 ± 0.2	pCi/gram	1	3013111	CK	15-Jan-13	903.1/904
Radium-228	ND	0.80 pCi/gram	1	3013111	CK	15-Jan-13	903.1/904
Total Radium	1.5 ± 0.2	pCi/gram	1	3013111	CK	15-Jan-13	903.1/904

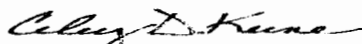
Volatile Organic Compounds by EPA Method 8260B

Vinyl chloride*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
1,1-Dichloroethene*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Methylene chloride*	ND	0.100 mg/kg	50	3010707	ms	08-Jan-13	8260
1,1-Dichloroethane*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Chloroform*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Carbon tetrachloride*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
1,1,1-Trichloroethane*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Benzene*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM (NM-01-0012) V/
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

CELL G - 1
H203108-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8260B

1,2-Dichloroethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Trichloroethene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Toluene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	3010707	ms	08-Jan-13	8260	
o-Xylene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Total Xylenes*	ND	0.150	mg/kg	50	3010707	ms	08-Jan-13	8260	
1,1,2,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Naphthalene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Surrogate: Dibromofluoromethane		93.1 %		70-130	3010707	ms	08-Jan-13	8260	
Surrogate: Toluene-d8		102 %		70-130	3010707	ms	08-Jan-13	8260	
Surrogate: 4-Bromofluorobenzene		97.8 %		70-130	3010707	ms	08-Jan-13	8260	

Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Acenaphthene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Fluorene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Phenanthrene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Anthracene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Carbazole	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Fluoranthene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Pyrene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 601 W. Illinois
 Hobbs NM, 88242

 Project: C & C LANDFARM (NM-01-0012) V/
 Project Number: C & C LANDFARM
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 31-Jan-13 11:33

CELL G - 1
H203108-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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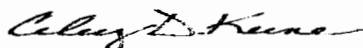
Cardinal Laboratories
Semivolatile Organic Compounds by GCMS

Chrysene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Benzo[b]fluoranthene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Benzo[a]pyrene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	3010410	ms	07-Jan-13	8270C	
Surrogate: Nitrobenzene-d5		86.5 %	16.1-91.8		3010410	ms	07-Jan-13	8270C	
Surrogate: 2-Fluorobiphenyl		40.2 %	27.2-92.9		3010410	ms	07-Jan-13	8270C	
Surrogate: Terphenyl-d14		37.8 %	21.3-96.1		3010410	ms	07-Jan-13	8270C	

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601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM (NM-01-0012) V/
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

CELL G - 2 H203108-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

% Solids	100		%	1	3012914	CK	03-Jan-13	D2216	GAL
Chloride	ND	16.0	mg/kg	4	3011010	AP	10-Jan-13	4500-Cl-B	
Cyanide (total)	ND	5.00	mg/kg dry wt.	1000	3013108	CK	04-Jan-13	9012B	GAL
Fluoride	1.13	0.800	mg/kg dry wt.	4	3013107	CK	08-Jan-13	4500F C	GAL
Nitrate/Nitrite as N	0.357	0.200	mg/kg dry wt.	4	3013105	CK	07-Jan-13	353.2	GAL
Nitrite as N	0.166	0.080	mg/kg dry wt.	4	3013105	CK	23-Jan-13	353.2	GAL
pH*	8.17	0.100	pH Units	1	3010419	DW	04-Jan-13	150.1	
Phenols	ND	0.5	mg/kg dry wt.	1	3013110	CK	14-Jan-13	EPA9065	
Sulfate	ND	40.0	mg/kg	4	3010805	AP	08-Jan-13	375.4	

Organic Compounds

GRO C6-C10	ND	10.0	mg/kg	1	2123101	MS	31-Dec-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2123101	MS	31-Dec-12	8015M	
Surrogate: 1-Chlorooctane		82.8 %	65.2-140		2123101	MS	31-Dec-12	8015M	
Surrogate: 1-Chlorooctadecane		92.9 %	63.6-154		2123101	MS	31-Dec-12	8015M	

Organic Compounds

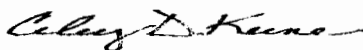
SUB-SS

PCB 1016	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1221	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1232	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1242	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1248	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1254	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1260	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
Surrogate: Tetrachloro-meta-xylene		89.5 %	35-140		3013109	CK	09-Jan-13	8082	

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Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM (NM-01-0012) V/
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

CELL G - 2
H203108-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Total Metals

Arsenic	0.468	0.050 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Barium	11.9	1.00 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL
Cadmium	0.106	0.0100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Chromium	1.42	0.100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Copper	0.592	0.0100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Iron	2010	5.0 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL
Lead	1.33	0.05 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Manganese	25.2	0.5 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL
Selenium	ND	0.100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Silver	0.0153	0.0100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Uranium	0.0538	0.0100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Zinc	3.21	0.100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL

Mercury (Total) by CVAA

Mercury	ND	0.095 mg/kg dry wt.	476	3013114	CK	03-Jan-13	7471A	GAL
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Radionuclides
SUB-RS

Radium-226	1.2 ± 0.2	pCi/gram	1	3013111	CK	15-Jan-13	903.1/904
Radium-228	ND	0.80 pCi/gram	1	3013111	CK	15-Jan-13	903.1/904
Total Radium	1.2 ± 0.2	pCi/gram	1	3013111	CK	15-Jan-13	903.1/904

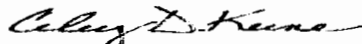
Volatile Organic Compounds by EPA Method 8260B

Vinyl chloride*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
1,1-Dichloroethene*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Methylene chloride*	ND	0.100 mg/kg	50	3010707	ms	08-Jan-13	8260
1,1-Dichloroethane*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Chloroform*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Carbon tetrachloride*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
1,1,1-Trichloroethane*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Benzene*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260

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Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

CELL G - 2 H203108-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8260B

1,2-Dichloroethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Trichloroethene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Toluene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	3010707	ms	08-Jan-13	8260	
o-Xylene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Total Xylenes*	ND	0.150	mg/kg	50	3010707	ms	08-Jan-13	8260	
1,1,2,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Naphthalene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Surrogate: Dibromofluoromethane		91.5 %		70-130	3010707	ms	08-Jan-13	8260	
Surrogate: Toluene-d8		102 %		70-130	3010707	ms	08-Jan-13	8260	
Surrogate: 4-Bromofluorobenzene		95.8 %		70-130	3010707	ms	08-Jan-13	8260	

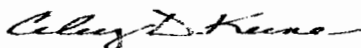
Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Acenaphthene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Fluorene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Phenanthrene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Anthracene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Carbazole	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Fluoranthene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Pyrene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	

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Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949Reported:
31-Jan-13 11:33**CELL G - 2**
H203108-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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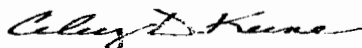
Cardinal Laboratories**Semivolatile Organic Compounds by GCMS**

Chrysene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Benzo[b]fluoranthene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Benzo[a]pyrene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Surrogate: Nitrobenzene-d5		111 %	16.1-91.8		3010410	ms	04-Jan-13	8270C	
Surrogate: 2-Fluorobiphenyl		73.8 %	27.2-92.9		3010410	ms	04-Jan-13	8270C	
Surrogate: Terphenyl-d14		81.1 %	21.3-96.1		3010410	ms	04-Jan-13	8270C	

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting 601 W. Illinois Hobbs NM, 88242	Project: C & C LANDFARM (NM-01-0012) V/ Project Number: C & C LANDFARM Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 31-Jan-13 11:33
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CELL G - 3
H203108-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Inorganic Compounds

% Solids	100		%	1	3012914	CK	03-Jan-13	D2216	GAL
Chloride	ND	16.0	mg/kg	4	3011010	AP	10-Jan-13	4500-Cl-B	
Cyanide (total)	ND	5.00	mg/kg dry wt.	1000	3013108	CK	04-Jan-13	9012B	GAL
Fluoride	3.27	0.800	mg/kg dry wt.	4	3013107	CK	08-Jan-13	4500F C	GAL
Nitrate/Nitrite as N	2.76	0.200	mg/kg dry wt.	4	3013105	CK	07-Jan-13	353.2	GAL
Nitrite as N	0.135	0.080	mg/kg dry wt.	4	3013105	CK	23-Jan-13	353.2	GAL
pH*	8.23	0.100	pH Units	1	3010419	DW	04-Jan-13	150.1	
Phenols	ND	0.5	mg/kg dry wt.	1	3013110	CK	14-Jan-13	EPA9065	
Sulfate	ND	40.0	mg/kg	4	3010805	AP	08-Jan-13	375.4	

Organic Compounds

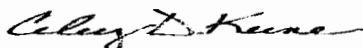
GRO C6-C10	ND	10.0	mg/kg	1	2123101	MS	31-Dec-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2123101	MS	31-Dec-12	8015M	
Surrogate: 1-Chlorooctane		88.7 %	65.2-140		2123101	MS	31-Dec-12	8015M	
Surrogate: 1-Chlorooctadecane		95.6 %	63.6-154		2123101	MS	31-Dec-12	8015M	

Organic Compounds
SUB-SS

PCB 1016	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1221	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1232	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1242	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1248	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1254	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1260	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
Surrogate: Tetrachloro-meta-xylene		106 %	35-140		3013109	CK	09-Jan-13	8082	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting 601 W. Illinois Hobbs NM, 88242	Project: C & C LANDFARM (NM-01-0012) V/ Project Number: C & C LANDFARM Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 31-Jan-13 11:33
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CELL G - 3
H203108-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Total Metals

Arsenic	0.441	0.050 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Barium	16.3	1.00 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL
Cadmium	0.128	0.0100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Chromium	1.63	0.100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Copper	0.917	0.0100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Iron	2410	5.0 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL
Lead	1.62	0.05 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Manganese	39.7	0.5 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL
Selenium	0.124	0.100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Silver	0.0200	0.0100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Uranium	0.0762	0.0100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Zinc	9.1	5.0 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL

Mercury (Total) by CVAA

Mercury	ND	0.095 mg/kg dry wt.	476	3013114	CK	03-Jan-13	7471A	GAL
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Radionuclides
SUB-RS

Radium-226	0.9 ± 0.1	pCi/gram	1	3013111	CK	15-Jan-13	903.1/904
Radium-228	ND	0.70 pCi/gram	1	3013111	CK	15-Jan-13	903.1/904
Total Radium	0.9 ± 0.1	pCi/gram	1	3013111	CK	15-Jan-13	903.1/904

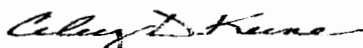
Volatile Organic Compounds by EPA Method 8260B

Vinyl chloride*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
1,1-Dichloroethene*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Methylene chloride*	ND	0.100 mg/kg	50	3010707	ms	08-Jan-13	8260
1,1-Dichloroethane*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Chloroform*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Carbon tetrachloride*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
1,1,1-Trichloroethane*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Benzene*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM (NM-01-0012) V/
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

CELL G - 3
H203108-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8260B

1,2-Dichloroethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Trichloroethene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Toluene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	3010707	ms	08-Jan-13	8260	
o-Xylene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Total Xylenes*	ND	0.150	mg/kg	50	3010707	ms	08-Jan-13	8260	
1,1,2,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Naphthalene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Surrogate: Dibromofluoromethane		93.7 %		70-130	3010707	ms	08-Jan-13	8260	
Surrogate: Toluene-d8		104 %		70-130	3010707	ms	08-Jan-13	8260	
Surrogate: 4-Bromofluorobenzene		97.6 %		70-130	3010707	ms	08-Jan-13	8260	

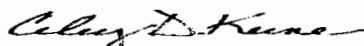
Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Acenaphthene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Fluorene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Phenanthrene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Anthracene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Carbazole	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Fluoranthene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Pyrene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting 601 W. Illinois Hobbs NM, 88242	Project: C & C LANDFARM (NM-01-0012) V/ Project Number: C & C LANDFARM Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 31-Jan-13 11:33
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CELL G - 3
H203108-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Semivolatile Organic Compounds by GCMS

Chrysene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Benzo[b]fluoranthene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Benzo[a]pyrene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Surrogate: Nitrobenzene-d5		93.8 %	16.1-91.8		3010410	ms	04-Jan-13	8270C	
Surrogate: 2-Fluorobiphenyl		69.6 %	27.2-92.9		3010410	ms	04-Jan-13	8270C	
Surrogate: Terphenyl-d14		78.4 %	21.3-96.1		3010410	ms	04-Jan-13	8270C	

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting 601 W. Illinois Hobbs NM, 88242	Project: C & C LANDFARM (NM-01-0012) VI Project Number: C & C LANDFARM Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 31-Jan-13 11:33
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CELL G - 4 H203108-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

% Solids	100		%	1	3012914	CK	03-Jan-13	D2216	GAL
Chloride	ND	16.0	mg/kg	4	3011010	AP	10-Jan-13	4500-Cl-B	
Cyanide (total)	ND	5.00	mg/kg dry wt.	1000	3013108	CK	04-Jan-13	9012B	GAL
Fluoride	1.13	0.800	mg/kg dry wt.	4	3013107	CK	08-Jan-13	4500F C	GAL
Nitrate/Nitrite as N	0.854	0.200	mg/kg dry wt.	4	3013105	CK	07-Jan-13	353.2	GAL
Nitrite as N	0.190	0.080	mg/kg dry wt.	4	3013105	CK	23-Jan-13	353.2	GAL
pH*	8.30	0.100	pH Units	1	3010419	DW	04-Jan-13	150.1	
Phenols	ND	0.5	mg/kg dry wt.	1	3013110	CK	14-Jan-13	EPA9065	
Sulfate	ND	40.0	mg/kg	4	3010805	AP	08-Jan-13	375.4	

Organic Compounds

GRO C6-C10	ND	10.0	mg/kg	1	2123101	MS	31-Dec-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2123101	MS	31-Dec-12	8015M	
Surrogate: 1-Chlorooctane		81.0 %	65.2-140		2123101	MS	31-Dec-12	8015M	
Surrogate: 1-Chlorooctadecane		92.5 %	63.6-154		2123101	MS	31-Dec-12	8015M	

Organic Compounds

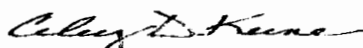
SUB-SS

PCB 1016	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1221	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1232	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1242	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1248	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1254	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
PCB 1260	ND	10.0	ug/kg	1	3013109	CK	09-Jan-13	8082	
Surrogate: Tetrachloro-meta-xylene		86.4 %	35-140		3013109	CK	09-Jan-13	8082	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM (NM-01-0012) V/
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

CELL G - 4
H203108-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Total Metals

Arsenic	0.494	0.050 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Barium	17.2	1.00 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL
Cadmium	0.149	0.0100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Chromium	1.83	0.100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Copper	1.06	0.0100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Iron	2830	5.0 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL
Lead	1.89	0.05 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Manganese	49.6	0.5 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL
Selenium	0.129	0.100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Silver	0.0223	0.0100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Uranium	0.0793	0.0100 mg/kg dry wt.	100	3013113	CK	15-Jan-13	6020	GAL
Zinc	9.3	5.0 mg/kg dry wt.	100	3013112	CK	14-Jan-13	6010B	GAL

Mercury (Total) by CVAA

Mercury	ND	0.098 mg/kg dry wt.	490	3013114	CK	03-Jan-13	7471A	GAL
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Radionuclides
SUB-RS

Radium-226	1.7 ± 0.2	pCi/gram	1	3013111	CK	15-Jan-13	903.1/904
Radium-228	ND	0.80 pCi/gram	1	3013111	CK	15-Jan-13	903.1/904
Total Radium	1.7 ± 0.2	pCi/gram	1	3013111	CK	15-Jan-13	903.1/904

Volatile Organic Compounds by EPA Method 8260B

Vinyl chloride*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
1,1-Dichloroethene*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Methylene chloride*	ND	0.100 mg/kg	50	3010707	ms	08-Jan-13	8260
1,1-Dichloroethane*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Chloroform*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Carbon tetrachloride*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
1,1,1-Trichloroethane*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260
Benzene*	ND	0.0500 mg/kg	50	3010707	ms	08-Jan-13	8260

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting 601 W. Illinois Hobbs NM, 88242	Project: C & C LANDFARM (NM-01-0012) V/ Project Number: C & C LANDFARM Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 31-Jan-13 11:33
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CELL G - 4 H203108-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8260B

1,2-Dichloroethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Trichloroethene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Toluene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	3010707	ms	08-Jan-13	8260	
o-Xylene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Total Xylenes*	ND	0.150	mg/kg	50	3010707	ms	08-Jan-13	8260	
1,1,2,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Naphthalene*	ND	0.0500	mg/kg	50	3010707	ms	08-Jan-13	8260	
Surrogate: Dibromofluoromethane		93.0 %		70-130	3010707	ms	08-Jan-13	8260	
Surrogate: Toluene-d8		103 %		70-130	3010707	ms	08-Jan-13	8260	
Surrogate: 4-Bromofluorobenzene		97.4 %		70-130	3010707	ms	08-Jan-13	8260	


Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Acenaphthene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Fluorene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Phenanthrene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Anthracene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Carbazole	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Fluoranthene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Pyrene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 601 W. Illinois
 Hobbs NM, 88242

 Project: C & C LANDFARM (NM-01-0012) V/
 Project Number: C & C LANDFARM
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 31-Jan-13 11:33

CELL G - 4
H203108-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Semivolatile Organic Compounds by GCMS

Chrysene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Benzo[b]fluoranthene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Benzo[a]pyrene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	3010410	ms	04-Jan-13	8270C	
Surrogate: Nitrobenzene-d5		97.3 %	16.1-91.8		3010410	ms	04-Jan-13	8270C	
Surrogate: 2-Fluorobiphenyl		74.7 %	27.2-92.9		3010410	ms	04-Jan-13	8270C	
Surrogate: Terphenyl-d14		79.5 %	21.3-96.1		3010410	ms	04-Jan-13	8270C	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 601 W. Illinois
 Hobbs NM, 88242

 Project: C & C LANDFARM (NM-01-0012) V/
 Project Number: C & C LANDFARM
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 31-Jan-13 11:33

Inorganic Compounds - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3010419 - NO PREP
LCS (3010419-BS1)

Prepared & Analyzed: 04-Jan-13

pH	7.09		pH Units	7.00		101	90-110			
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Duplicate (3010419-DUP1)

Source: H203106-01

Prepared & Analyzed: 04-Jan-13

pH	8.32	0.100	pH Units	8.14		2.19	20			
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Batch 3010805 - General Prep - Wet Chem
Blank (3010805-BLK1)

Prepared & Analyzed: 08-Jan-13

Sulfate	ND	10.0	mg/kg							
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LCS (3010805-BS1)

Prepared & Analyzed: 08-Jan-13

Sulfate	21.5	10.0	mg/kg	20.0		107	80-120			
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LCS Dup (3010805-BSD1)

Prepared & Analyzed: 08-Jan-13

Sulfate	22.6	10.0	mg/kg	20.0		113	80-120	5.40	20	
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Batch 3011010 - 1:4 DI Water
Blank (3011010-BLK1)

Prepared & Analyzed: 10-Jan-13

Chloride	ND	16.0	mg/kg							
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LCS (3011010-BS1)

Prepared & Analyzed: 10-Jan-13

Chloride	432	16.0	mg/kg	400		108	80-120			
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LCS Dup (3011010-BSD1)

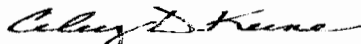
Prepared & Analyzed: 10-Jan-13

Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 601 W. Illinois
 Hobbs, NM, 88242

 Project: C & C LANDFARM (NM-01-0012) V/
 Project Number: C & C LANDFARM
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 31-Jan-13 11:33

Inorganic Compounds - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3013105 - General Prep
Blank (3013105-BLK1)

Prepared: 07-Jan-13 Analyzed: 23-Jan-13

Nitrite as N	ND	0.020	mg/kg dry wt.
Nitrate/Nitrite as N	ND	0.050	mg/kg dry wt.

LCS (3013105-BS1)

Prepared: 07-Jan-13 Analyzed: 23-Jan-13

Nitrite as N	0.086		mg/L	0.100		86.0	85-115
Nitrate/Nitrite as N	0.096		mg/L	0.100		96.0	85-115

LCS Dup (3013105-BSD1)

Prepared: 07-Jan-13 Analyzed: 23-Jan-13

Nitrite as N	0.089		mg/L	0.100		89.0	85-115	3.43	20
Nitrate/Nitrite as N	0.100		mg/L	0.100		100	85-115	4.08	20

Batch 3013107 - General Prep
Blank (3013107-BLK1)

Prepared & Analyzed: 08-Jan-13

Fluoride	ND	0.200	mg/kg dry wt.
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LCS (3013107-BS1)

Prepared & Analyzed: 08-Jan-13

Fluoride	1.01		mg/L	1.00		101	85-115
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LCS Dup (3013107-BSD1)

Prepared & Analyzed: 08-Jan-13

Fluoride	1.12		mg/L	1.00		112	85-115	10.3	20
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Batch 3013108 - General Prep
Blank (3013108-BLK1)

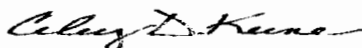
Prepared: 03-Jan-13 Analyzed: 04-Jan-13

Cyanide (total)	ND	0.00500	mg/kg dry wt.
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 601 W. Illinois
 Hobbs NM, 88242

 Project: C & C LANDFARM (NM-01-0012) V/
 Project Number: C & C LANDFARM
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 31-Jan-13 11:33

Inorganic Compounds - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3013108 - General Prep
LCS (3013108-BS1)

Prepared: 03-Jan-13 Analyzed: 04-Jan-13

Cyanide (total)	0.0426		mg/L	0.0500		85.2	85-115		
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LCS Dup (3013108-BSD1)

Prepared: 03-Jan-13 Analyzed: 04-Jan-13

Cyanide (total)	0.0492		mg/L	0.0500		98.4	85-115	14.4	20
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Batch 3013110 - General Prep
Blank (3013110-BLK1)

Prepared & Analyzed: 14-Jan-13

Phenols	ND	0.5	mg/kg dry wt.						
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LCS (3013110-BS1)

Prepared & Analyzed: 14-Jan-13

Phenols	0.4		mg/kg	0.400		102	70-130		
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Matrix Spike (3013110-MS1)

Source: H203108-02

Prepared & Analyzed: 14-Jan-13

Phenols	4.3		mg/kg	4.08	0.0	106	70-130		
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Matrix Spike Dup (3013110-MSD1)

Source: H203108-02

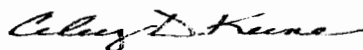
Prepared & Analyzed: 14-Jan-13

Phenols	4.3		mg/kg	4.08	0.0	105	70-130	1.40	20
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM (NM-01-0012) V/
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

Organic Compounds - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2123101 - General Prep - Organics
Blank (2123101-BLK1)

Prepared & Analyzed: 31-Dec-12

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C35	ND	10.0	mg/kg						
Total TPH C6-C28	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	42.6		mg/kg	50.5		84.4	65.2-140		
Surrogate: 1-Chlorooctadecane	47.8		mg/kg	50.0		95.7	63.6-154		

LCS (2123101-BS1)

Prepared & Analyzed: 31-Dec-12

GRO C6-C10	187	10.0	mg/kg	200		93.5	66.4-124		
DRO >C10-C28	199	10.0	mg/kg	200		99.5	61.6-132		
Total TPH C6-C28	386	10.0	mg/kg	400		96.5	69.7-122		
Surrogate: 1-Chlorooctane	45.6		mg/kg	50.5		90.2	65.2-140		
Surrogate: 1-Chlorooctadecane	47.8		mg/kg	50.0		95.6	63.6-154		

LCS Dup (2123101-BSD1)


Prepared & Analyzed: 31-Dec-12

GRO C6-C10	186	10.0	mg/kg	200		93.0	66.4-124	0.497	23.4
DRO >C10-C28	197	10.0	mg/kg	200		98.7	61.6-132	0.749	23.1
Total TPH C6-C28	384	10.0	mg/kg	400		95.9	69.7-122	0.627	20.6
Surrogate: 1-Chlorooctane	45.1		mg/kg	50.5		89.4	65.2-140		
Surrogate: 1-Chlorooctadecane	45.7		mg/kg	50.0		91.4	63.6-154		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 601 W. Illinois
 Hobbs NM, 88242

 Project: C & C LANDFARM (NM-01-0012) V/
 Project Number: C & C LANDFARM
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 31-Jan-13 11:33

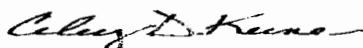
Organic Compounds - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3013109 - General Prep										
Blank (3013109-BLK1)				Prepared: 03-Jan-13 Analyzed: 09-Jan-13						
PCB 1016	ND	10.0	ug/kg							
PCB 1221	ND	10.0	ug/kg							
PCB 1232	ND	10.0	ug/kg							
PCB 1242	ND	10.0	ug/kg							
PCB 1248	ND	10.0	ug/kg							
PCB 1254	ND	10.0	ug/kg							
PCB 1260	ND	10.0	ug/kg							
Surrogate: Tetrachloro-meta-xylene	8.13		ug/L	10.0		81.3	35-140			
LCS (3013109-BS1)				Prepared: 03-Jan-13 Analyzed: 09-Jan-13						
PCB 1016	78.5		ug/L	100		78.5	40-130			
PCB 1242	ND	10.0	ug/kg				40-130			
PCB 1254	ND	10.0	ug/kg				40-130			
PCB 1260	55.9		ug/L	100		55.9	40-130			
Surrogate: Tetrachloro-meta-xylene	10.6		ug/L	10.0		106	35-140			
Matrix Spike (3013109-MS1)				Source: H203108-01	Prepared: 03-Jan-13 Analyzed: 09-Jan-13					
PCB 1016	60.4		ug/L	100	ND	60.4	40-130			
PCB 1242	ND	10.0	ug/kg		ND		40-130			
PCB 1254	ND	10.0	ug/kg		ND		40-130			
PCB 1260	43.5		ug/L	100	ND	43.5	40-130			
Surrogate: Tetrachloro-meta-xylene	9.41		ug/L	10.0		94.1	35-140			
Matrix Spike Dup (3013109-MSD1)				Source: H203108-01	Prepared: 03-Jan-13 Analyzed: 09-Jan-13					
PCB 1016	59.4		ug/L	100	ND	59.4	40-130	1.67	30	
PCB 1242	ND	10.0	ug/kg		ND		40-130		30	
PCB 1254	ND	10.0	ug/kg		ND		40-130		30	
PCB 1260	41.3		ug/L	100	ND	41.3	40-130	5.19	30	
Surrogate: Tetrachloro-meta-xylene	5.30		ug/L	10.0		53.0	35-140			

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM (NM-01-0012) V/
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

Total Metals - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 3013112 - EPA 3050
Blank (3013112-BLK1)

Prepared & Analyzed: 14-Jan-13

Barium	ND	0.0100	mg/kg dry wt.							
Arsenic	ND	0.100	mg/kg dry wt.							
Manganese	ND	0.005	mg/kg dry wt.							
Iron	ND	0.05	mg/kg dry wt.							
Zinc	ND	0.05	mg/kg dry wt.							
Copper	ND	0.02	mg/kg dry wt.							

LCS (3013112-BS1)

Prepared & Analyzed: 14-Jan-13

Manganese	1.9		mg/kg	2.00		95.5	85-115			
Barium	1.87		mg/kg	2.00		93.5	85-115			
Copper	3.95		mg/kg	4.00		98.8	85-115			
Zinc	1.8		mg/kg	2.00		90.5	85-115			
Iron	3.8		mg/kg	4.00		94.5	85-115			
Arsenic	3.95		mg/kg	4.00		98.8	85-115			

LCS Dup (3013112-BS1)

Prepared & Analyzed: 14-Jan-13

Manganese	1.9		mg/kg	2.00		94.0	85-115	1.58	20	
Zinc	1.8		mg/kg	2.00		88.5	85-115	2.23	20	
Arsenic	3.85		mg/kg	4.00		96.2	85-115	2.56	20	
Barium	1.83		mg/kg	2.00		91.5	85-115	2.16	20	
Iron	3.7		mg/kg	4.00		92.8	85-115	1.87	20	
Copper	3.89		mg/kg	4.00		97.2	85-115	1.53	20	

Batch 3013113 - EPA 3050
Blank (3013113-BLK1)

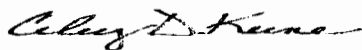
Prepared: 14-Jan-13 Analyzed: 15-Jan-13

Zinc	0.00640	0.00100	mg/kg dry wt.							B1
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM (NM-01-0012) V/
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

Total Metals - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3013113 - EPA 3050
Blank (3013113-BLK1)

Prepared: 14-Jan-13 Analyzed: 15-Jan-13

Arsenic	ND	0.0005	mg/kg dry wt.						
Copper	0.000200	0.000100	mg/kg dry wt.						B1
Selenium	ND	0.001	mg/kg dry wt.						
Silver	ND	0.0001	mg/kg dry wt.						
Chromium	ND	0.001	mg/kg dry wt.						
Lead	ND	0.0005	mg/kg dry wt.						
Cadmium	ND	0.0001	mg/kg dry wt.						
Uranium	ND	0.0001	mg/kg dry wt.						

LCS (3013113-BS1)

Prepared: 14-Jan-13 Analyzed: 15-Jan-13

Zinc	0.0487		mg/kg	0.0500	97.4	85-115			
Cadmium	0.0486		mg/L	0.0500	97.2	85-115			
Silver	0.0480		mg/L	0.0500	96.0	85-115			
Copper	0.0491		mg/kg	0.0500	98.2	85-115			
Uranium	0.0520		mg/kg	0.0500	104	85-115			
Arsenic	0.051		mg/L	0.0500	103	85-115			
Selenium	0.249		mg/L	0.250	99.6	85-115			
Lead	0.05		mg/L	0.0500	96.8	85-115			
Chromium	0.050		mg/L	0.0500	100	85-115			

LCS Dup (3013113-BS1)

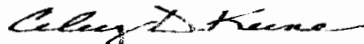
Prepared: 14-Jan-13 Analyzed: 15-Jan-13

Uranium	0.0501		mg/kg	0.0500	100	85-115	3.72	20	
Selenium	0.250		mg/L	0.250	100	85-115	0.401	20	
Cadmium	0.0491		mg/L	0.0500	98.2	85-115	1.02	20	
Copper	0.0495		mg/kg	0.0500	99.0	85-115	0.811	20	
Lead	0.05		mg/L	0.0500	95.0	85-115	1.88	20	
Silver	0.0482		mg/L	0.0500	96.4	85-115	0.416	20	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM (NM-01-0012) V/
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

Total Metals - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3013113 - EPA 3050**LCS Dup (3013113-BSD1)**

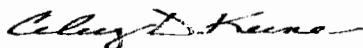
Prepared: 14-Jan-13 Analyzed: 15-Jan-13

Arsenic	0.048		mg/L	0.0500		95.8	85-115	6.85	20	
Chromium	0.048		mg/L	0.0500		95.2	85-115	5.12	20	
Zinc	0.0488		mg/kg	0.0500		97.6	85-115	0.205	20	

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Celest D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 601 W. Illinois
 Hobbs NM, 88242

 Project: C & C LANDFARM (NM-01-0012) V/
 Project Number: C & C LANDFARM
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 31-Jan-13 11:33

Mercury (Total) by CVAA - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3013114 - EPA 7471
Blank (3013114-BLK1)

Prepared & Analyzed: 03-Jan-13

Mercury	ND	0.0002	mg/kg dry wt.
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LCS (3013114-BS1)

Prepared & Analyzed: 03-Jan-13

Mercury	1.05		mg/kg	1.00		105	85-115
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LCS Dup (3013114-BSD1)


Prepared & Analyzed: 03-Jan-13

Mercury	1.10		mg/kg	1.00		110	85-115	4.65	20
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM (NM-01-0012) V/
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3010707 - Volatiles

Blank (3010707-BLK1)

Prepared: 07-Jan-13 Analyzed: 08-Jan-13

Vinyl chloride	ND	0.0500	mg/kg							
1,1-Dichloroethene	ND	0.0500	mg/kg							
Methylene chloride	ND	0.100	mg/kg							
1,1-Dichloroethane	ND	0.0500	mg/kg							
Chloroform	ND	0.0500	mg/kg							
Carbon tetrachloride	ND	0.0500	mg/kg							
1,1,1-Trichloroethane	ND	0.0500	mg/kg							
Benzene	ND	0.0500	mg/kg							
1,2-Dichloroethane	ND	0.0500	mg/kg							
Trichloroethene	ND	0.0500	mg/kg							
Toluene	ND	0.0500	mg/kg							
Tetrachloroethene	ND	0.0500	mg/kg							
1,1,2-Trichloroethane	ND	0.0500	mg/kg							
1,2-Dibromoethane	ND	0.0500	mg/kg							
Ethylbenzene	ND	0.0500	mg/kg							
m-p Xylenes	ND	0.100	mg/kg							
o-Xylene	ND	0.0500	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
1,1,2,2-Tetrachloroethane	ND	0.0500	mg/kg							
Naphthalene	ND	0.0500	mg/kg							
Surrogate: Dibromofluoromethane	0.464		mg/kg	0.500		92.9	70-130			
Surrogate: Toluene-d8	0.512		mg/kg	0.500		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.483		mg/kg	0.500		96.6	70-130			

LCS (3010707-BS1)


Prepared: 07-Jan-13 Analyzed: 08-Jan-13

Vinyl chloride	1.78	0.0500	mg/kg	2.00		88.9	70-130			
1,1-Dichloroethene	2.18	0.0500	mg/kg	2.00		109	70-130			
Methylene chloride	1.84	0.100	mg/kg	2.00		92.2	70-130			
1,1-Dichloroethane	2.07	0.0500	mg/kg	2.00		104	70-130			
Chloroform	1.90	0.0500	mg/kg	2.00		95.1	70-130			
Carbon tetrachloride	2.19	0.0500	mg/kg	2.00		110	70-130			
1,1,1-Trichloroethane	2.00	0.0500	mg/kg	2.00		100	70-130			

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM (NM-01-0012) V/
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3010707 - Volatiles
LCS (3010707-BS1)

Prepared: 07-Jan-13 Analyzed: 08-Jan-13

Benzene	1.97	0.0500	mg/kg	2.00		98.3	70-130			
1,2-Dichloroethane	1.91	0.0500	mg/kg	2.00		95.6	70-130			
Trichloroethene	1.91	0.0500	mg/kg	2.00		95.6	70-130			
Toluene	1.90	0.0500	mg/kg	2.00		95.2	70-130			
Tetrachloroethene	1.87	0.0500	mg/kg	2.00		93.3	70-130			
1,1,2-Trichloroethane	1.89	0.0500	mg/kg	2.00		94.6	70-130			
1,2-Dibromoethane	1.89	0.0500	mg/kg	2.00		94.7	70-130			
Ethylbenzene	1.95	0.0500	mg/kg	2.00		97.5	70-130			
m-p Xylenes	4.07	0.100	mg/kg				70-130			
o-Xylene	2.11	0.0500	mg/kg	2.00		106	70-130			
Total Xylenes	6.18	0.150	mg/kg	6.00		103	70-130			
1,1,2,2-Tetrachloroethane	1.88	0.0500	mg/kg	2.00		94.0	70-130			
Naphthalene	1.70	0.0500	mg/kg	2.00		85.2	70-130			
Surrogate: Dibromofluoromethane	0.504		mg/kg	0.500		101	70-130			
Surrogate: Toluene-d8	0.503		mg/kg	0.500		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.496		mg/kg	0.500		99.1	70-130			

LCS Dup (3010707-BSD1)

Prepared: 07-Jan-13 Analyzed: 08-Jan-13

Vinyl chloride	1.92	0.0500	mg/kg	2.00		95.8	70-130	7.49	20	
1,1-Dichloroethene	2.22	0.0500	mg/kg	2.00		111	70-130	1.95	20	
Methylene chloride	1.90	0.100	mg/kg	2.00		95.1	70-130	3.03	20	
1,1-Dichloroethane	2.17	0.0500	mg/kg	2.00		108	70-130	4.59	20	
Chloroform	1.99	0.0500	mg/kg	2.00		99.4	70-130	4.37	20	
Carbon tetrachloride	2.29	0.0500	mg/kg	2.00		115	70-130	4.42	20	
1,1,1-Trichloroethane	2.10	0.0500	mg/kg	2.00		105	70-130	4.51	20	
Benzene	2.05	0.0500	mg/kg	2.00		103	70-130	4.17	20	
1,2-Dichloroethane	2.01	0.0500	mg/kg	2.00		100	70-130	4.87	20	
Trichloroethene	2.03	0.0500	mg/kg	2.00		101	70-130	5.84	20	
Toluene	1.99	0.0500	mg/kg	2.00		99.7	70-130	4.55	20	
Tetrachloroethene	2.06	0.0500	mg/kg	2.00		103	70-130	10.0	20	
1,1,2-Trichloroethane	1.96	0.0500	mg/kg	2.00		98.2	70-130	3.72	20	
1,2-Dibromoethane	2.00	0.0500	mg/kg	2.00		100	70-130	5.45	20	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 601 W. Illinois
 Hobbs NM, 88242

 Project: C & C LANDFARM (NM-01-0012) V/
 Project Number: C & C LANDFARM
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 31-Jan-13 11:33

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3010707 - Volatiles
LCS Dup (3010707-BSD1)

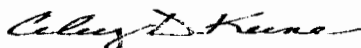
Prepared: 07-Jan-13 Analyzed: 08-Jan-13

Ethylbenzene	2.05	0.0500	mg/kg	2.00		102	70-130	4.93	20	
m-p Xylenes	4.24	0.100	mg/kg				70-130	4.08	20	
o-Xylene	2.21	0.0500	mg/kg	2.00		111	70-130	4.64	20	
Total Xylenes	6.45	0.150	mg/kg	6.00		108	70-130	4.27	20	
1,1,2,2-Tetrachloroethane	1.94	0.0500	mg/kg	2.00		97.1	70-130	3.30	20	
Naphthalene	1.84	0.0500	mg/kg	2.00		91.8	70-130	7.36	20	
Surrogate: Dibromofluoromethane	0.505		mg/kg	0.500		101	70-130			
Surrogate: Toluene-d8	0.498		mg/kg	0.500		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.497		mg/kg	0.500		99.4	70-130			

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM (NM-01-0012) V/
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

Semivolatile Organic Compounds by GCMS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3010410 - SW-846 3550

Blank (3010410-BLK1)

Prepared & Analyzed: 04-Jan-13

Naphthalene	ND	0.040	mg/kg							
2-Methylnaphthalene	ND	0.040	mg/kg							
1-Methylnaphthalene	ND	0.040	mg/kg							
Acenaphthylene	ND	0.040	mg/kg							
Acenaphthene	ND	0.040	mg/kg							
Fluorene	ND	0.040	mg/kg							
Phenanthrene	ND	0.040	mg/kg							
Anthracene	ND	0.040	mg/kg							
Carbazole	ND	0.040	mg/kg							
Fluoranthene	ND	0.040	mg/kg							
Pyrene	ND	0.040	mg/kg							
Benzo[a]anthracene	ND	0.040	mg/kg							
Chrysene	ND	0.040	mg/kg							
Benzo[b]fluoranthene	ND	0.040	mg/kg							
Benzo[k]fluoranthene	ND	0.040	mg/kg							
Benzo[a]pyrene	ND	0.040	mg/kg							
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg							
Dibenz[a,h]anthracene	ND	0.040	mg/kg							
Benzo[g,h,i]perylene	ND	0.040	mg/kg							
Surrogate: Nitrobenzene-d5	0.952		mg/kg	2.00		47.6	16.1-91.8			
Surrogate: 2-Fluorobiphenyl	1.33		mg/kg	2.00		66.6	27.2-92.9			
Surrogate: Terphenyl-d4	1.47		mg/kg	2.00		73.4	21.3-96.1			

LCS (3010410-BS1)

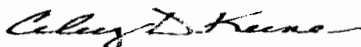
Prepared & Analyzed: 04-Jan-13

Naphthalene	0.439	0.040	mg/kg	0.500		87.8	5.46-157			
2-Methylnaphthalene	0.430	0.040	mg/kg	0.500		86.1	16.1-146			
Acenaphthylene	0.464	0.040	mg/kg	0.500		92.7	21.6-144			
Acenaphthene	0.578	0.040	mg/kg	0.500		116	27-143			
Fluorene	0.456	0.040	mg/kg	0.500		91.2	30.9-138			
Phenanthrene	0.467	0.040	mg/kg	0.500		93.4	38.6-149			
Anthracene	0.460	0.040	mg/kg	0.500		92.0	36.1-149			
Carbazole	0.400	0.040	mg/kg	0.500		80.1	29.8-144			

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM (NM-01-0012) V/
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

Semivolatile Organic Compounds by GCMS - Quality Control


Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3010410 - SW-846 3550										
LCS (3010410-BS1)										
Prepared & Analyzed: 04-Jan-13										
Fluoranthene	0.396	0.040	mg/kg	0.500		79.1	34.6-148			
Pyrene	0.508	0.040	mg/kg	0.500		102	24.8-154			
Benzo[a]anthracene	0.362	0.040	mg/kg	0.500		72.3	0-179			
Chrysene	0.495	0.040	mg/kg	0.500		99.0	35.1-150			
Benzo[b]fluoranthene	0.358	0.040	mg/kg	0.500		71.6	17.6-158			
Benzo[k]fluoranthene	0.416	0.040	mg/kg	0.500		83.2	10.6-169			
Benzo[a]pyrene	0.373	0.040	mg/kg	0.500		74.7	2.25-166			
Indeno[1,2,3-cd]pyrene	0.313	0.040	mg/kg	0.500		62.6	0-181			
Dibenz[a,h]anthracene	0.302	0.040	mg/kg	0.500		60.4	2.49-177			
Benzo[g,h,i]perylene	0.322	0.040	mg/kg	0.500		64.4	0-173			
Surrogate: Nitrobenzene-d5	2.20		mg/kg	2.00		110	16.1-91.8			
Surrogate: 2-Fluorobiphenyl	1.43		mg/kg	2.00		71.6	27.2-92.9			
Surrogate: Terphenyl-d14	1.55		mg/kg	2.00		77.5	21.3-96.1			
LCS Dup (3010410-BSD1)										
Prepared & Analyzed: 04-Jan-13										
Naphthalene	0.468	0.040	mg/kg	0.500		93.5	5.46-157	6.25	6.7	
2-Methylnaphthalene	0.449	0.040	mg/kg	0.500		89.9	16.1-146	4.32	8.99	
Acenaphthylene	0.493	0.040	mg/kg	0.500		98.6	21.6-144	6.18	14.6	
Acenaphthene	0.623	0.040	mg/kg	0.500		125	27-143	7.53	6.99	
Fluorene	0.467	0.040	mg/kg	0.500		93.5	30.9-138	2.48	13.9	
Phenanthrene	0.489	0.040	mg/kg	0.500		97.9	38.6-149	4.66	14.6	
Anthracene	0.478	0.040	mg/kg	0.500		95.6	36.1-149	3.79	18.5	
Carbazole	0.408	0.040	mg/kg	0.500		81.6	29.8-144	1.88	23.4	
Fluoranthene	0.410	0.040	mg/kg	0.500		82.1	34.6-148	3.66	19.7	
Pyrene	0.537	0.040	mg/kg	0.500		107	24.8-154	5.54	23	
Benzo[a]anthracene	0.383	0.040	mg/kg	0.500		76.6	0-179	5.79	32.5	
Chrysene	0.557	0.040	mg/kg	0.500		111	35.1-150	11.8	19.4	
Benzo[b]fluoranthene	0.367	0.040	mg/kg	0.500		73.5	17.6-158	2.55	31.4	
Benzo[k]fluoranthene	0.425	0.040	mg/kg	0.500		85.0	10.6-169	2.04	44.6	
Benzo[a]pyrene	0.362	0.040	mg/kg	0.500		72.3	2.25-166	3.19	60.5	
Indeno[1,2,3-cd]pyrene	0.277	0.040	mg/kg	0.500		55.4	0-181	12.1	77	
Dibenz[a,h]anthracene	0.253	0.040	mg/kg	0.500		50.5	2.49-177	17.9	63.3	

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM (NM-01-0012) VI
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
31-Jan-13 11:33

Semivolatile Organic Compounds by GCMS - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3010410 - SW-846 3550**LCS Dup (3010410-BSD1)**

Prepared & Analyzed: 04-Jan-13

Benzo[g,h,i]perylene	0.279	0.040	mg/kg	0.500		55.8	0-173	14.2	77.4	
Surrogate: Nitrobenzene-d5	2.19		mg/kg	2.00		110	16.1-91.8			
Surrogate: 2-Fluorobiphenyl	1.42		mg/kg	2.00		71.1	27.2-92.9			
Surrogate: Terphenyl-d14	1.63		mg/kg	2.00		81.5	21.3-96.1			

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

Z-01c	1.7 ± 0.2
Z-01b	1.5 ± 0.2
Z-01a	1.2 ± 0.2
Z-01	0.9 ± 0.1
SUB-SS	Analysis subcontracted to SunStar Laboratories, Inc.
SUB-RS	Analysis subcontracted to Radiation Safety Engineering, Inc.
GAL	Analysis subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.
B1	Target analyte detected in method blank at or above method reporting limit. Sample concentration found to be 10 times above the concentration found in the method blank or less than the reporting limit.
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

Cardinal Laboratories***=Accredited Analyte**

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Celey D. Keene, Lab Director/Quality Manager

1 of 2



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

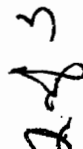
101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Eddie Sean Consulting Project Manager: Eddie Sean Address: 101 E Marland City: Hobbs State: NM Zip: 88240 Phone #: 2-2236 Fax #: 2-6449 Project #: CTC Project Owner: J. Cogswell Project Name: CTC Landform (NM-01-0012) Project Location: Monument N.M. Set 3 Sampler Name: Eddie Sean (Site Monitoring)		BILL TO P.O. #: Company: Attn: Address: City: State: Phone #: Fax #:		ANALYSIS REQUEST BTEX TPH (GOLS) Chlorides Arsenic Barium Cadmium Cyanide Lead Manganese Silica Silver PCB	
FOR LAB USE ONLY Lab I.D. H20310	Sample I.D. Cell G-1 Cell G-2 Cell G-3 Cell G-4	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	PRESERV ACID/BASE ICE / COOL OTHER:	SAMPLING DATE TIME	12/28 8:20 12/28 8:50 12/28 9:30 12/28 10:15

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Relinquished By: [Signature] Date: 12/28 Time: 2:55	Received By: [Signature] Date: 12/28 Time: 2:55	Relinquished By: [Signature] Date: Time:	Received By: [Signature] Date: Time:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool/Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sealed: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:	

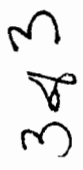
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



**101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476**

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Page 36 of 37



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(575) 393-2326 FAX (575) 393-2476**

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

January 5, 2012

RECEIVED OCD

2012 JAN -6 P 12:44

NMOCD Environmental
ATTN: Brad Jones
1220 S. Saint Francis Drive
Santa Fe, NM 87504

RE: C & C Landfarm (NM-01-0012)
Semi-Annual
Vadose & Treatment Zone Sampling

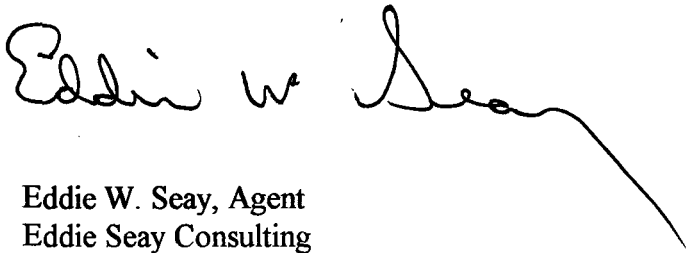
Mr. Jones:

Find within the semi-annual sampling for C & C as required.

C & C continues to disk the cells as the guidelines require and maintained the facility as permitted.

Should you have any questions or need additional information, please let me know.

Sincerely,

A handwritten signature in black ink that reads "Eddie W. Seay". The signature is fluid and cursive, with a long, sweeping underline that extends to the right.

Eddie W. Seay, Agent
Eddie Seay Consulting
601 W. Illinois
Hobbs, NM 88242
575-392-2236
seay04@leaco.net

cc: C & C Landfarm

December 20, 2011

Eddie Seay

Eddie Seay Consulting

601 W. Illinois

Hobbs, NM 88242

RE: C & C LANDFARM - VADOSE ZONE

Enclosed are the results of analyses for samples received by the laboratory on 12/16/11 14:30.

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.

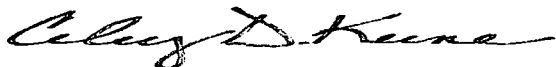
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/16/2011
Reported: 12/20/2011
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/15/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL A-V (H102720-01)

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	12/18/2011	ND	1.97	98.5	2.00	1.16	
Toluene*	<0.050	0.050	12/18/2011	ND	1.89	94.6	2.00	1.71	
Ethylbenzene*	<0.050	0.050	12/18/2011	ND	2.15	107	2.00	1.59	
Total Xylenes*	<0.150	0.150	12/18/2011	ND	6.16	103	6.00	0.930	

Surrogate: 4-Bromofluorobenzene (PIL) 107% 64.4-134

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	12/20/2011	ND	416	104	400	3.77	

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	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	

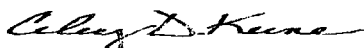
Surrogate: 1-Chlorooctane 89.5% 55.5-154

Surrogate: 1-Chlorooctadecane 110% 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 Eddie Seay
 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

 Received: 12/16/2011
 Reported: 12/20/2011
 Project Name: C & C LANDFARM - VADOSE ZONE
 Project Number: NONE GIVEN
 Project Location: MONUMENT, NM

 Sampling Date: 12/15/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL B-V (H102720-02)

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	12/18/2011	ND	1.97	98.5	2.00	1.16	
Toluene*	<0.050	0.050	12/18/2011	ND	1.89	94.6	2.00	1.71	
Ethylbenzene*	<0.050	0.050	12/18/2011	ND	2.15	107	2.00	1.59	
Total Xylenes*	<0.150	0.150	12/18/2011	ND	6.16	103	6.00	0.930	

Surrogate: 4-Bromofluorobenzene (PIL) 110% 64.4-134

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	12/20/2011	ND	416	104	400	3.77	

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	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	

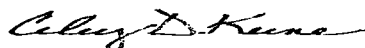
Surrogate: 1-Chlorooctane 85.5% 55.5-154

Surrogate: 1-Chlorooctadecane 100% 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/16/2011
Reported: 12/20/2011
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/15/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL C-V (H102720-03)

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	12/18/2011	ND	1.97	98.5	2.00	1.16	
Toluene*	<0.050	0.050	12/18/2011	ND	1.89	94.6	2.00	1.71	
Ethylbenzene*	<0.050	0.050	12/18/2011	ND	2.15	107	2.00	1.59	
Total Xylenes*	<0.150	0.150	12/18/2011	ND	6.16	103	6.00	0.930	

Surrogate: 4-Bromofluorobenzene (PIL) 108 % 64.4-134

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	12/20/2011	ND	416	104	400	3.77	

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	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	

Surrogate: 1-Chlorooctane 86.3 % 55.5-154

Surrogate: 1-Chlorooctadecane 109 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/16/2011
Reported: 12/20/2011
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/15/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL D-V (H102720-04)

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	12/18/2011	ND	1.97	98.5	2.00	1.16	
Toluene*	<0.050	0.050	12/18/2011	ND	1.89	94.6	2.00	1.71	
Ethylbenzene*	<0.050	0.050	12/18/2011	ND	2.15	107	2.00	1.59	
Total Xylenes*	<0.150	0.150	12/18/2011	ND	6.16	103	6.00	0.930	

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 64.4-134

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	12/20/2011	ND	432	108	400	0.00	

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	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	

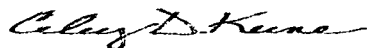
Surrogate: 1-Chlorooctane 87.2 % 55.5-154

Surrogate: 1-Chlorooctadecane 106 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/16/2011
Reported: 12/20/2011
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/15/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL E-V (H102720-05)

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	12/18/2011	ND	1.97	98.5	2.00	1.16	
Toluene*	<0.050	0.050	12/18/2011	ND	1.89	94.6	2.00	1.71	
Ethylbenzene*	<0.050	0.050	12/18/2011	ND	2.15	107	2.00	1.59	
Total Xylenes*	<0.150	0.150	12/18/2011	ND	6.16	103	6.00	0.930	

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 64.4-134

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	12/20/2011	ND	432	108	400	0.00	

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	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	


Surrogate: 1-Chlorooctane 79.7 % 55.5-154

Surrogate: 1-Chlorooctadecane 123 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/16/2011
Reported: 12/20/2011
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/15/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL F-V (H102720-06)

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	12/18/2011	ND	1.97	98.5	2.00	1.16	
Toluene*	<0.050	0.050	12/18/2011	ND	1.89	94.6	2.00	1.71	
Ethylbenzene*	<0.050	0.050	12/18/2011	ND	2.15	107	2.00	1.59	
Total Xylenes*	<0.150	0.150	12/18/2011	ND	6.16	103	6.00	0.930	

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 64.4-134

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	12/20/2011	ND	432	108	400	0.00	

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	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	

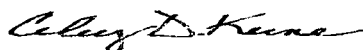
Surrogate: 1-Chlorooctane 85.1 % 55.5-154

Surrogate: 1-Chlorooctadecane 98.2 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	12/16/2011	Sampling Date:	12/15/2011
Reported:	12/20/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - VADOSE ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL G-V (H102720-07)

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	12/18/2011	ND	1.97	98.5	2.00	1.16		
Toluene*	<0.050	0.050	12/18/2011	ND	1.89	94.6	2.00	1.71		
Ethylbenzene*	<0.050	0.050	12/18/2011	ND	2.15	107	2.00	1.59		
Total Xylenes*	<0.150	0.150	12/18/2011	ND	6.16	103	6.00	0.930		

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 64.4-134

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	12/20/2011	ND	432	108	400	0.00		

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	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	

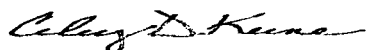
Surrogate: 1-Chlorooctane 83.7 % 55.5-154

Surrogate: 1-Chlorooctadecane 111 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/16/2011
Reported: 12/20/2011
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/15/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL H-V (H102720-08)

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	12/19/2011	ND	1.97	98.5	2.00	1.16	
Toluene*	<0.050	0.050	12/19/2011	ND	1.89	94.6	2.00	1.71	
Ethylbenzene*	<0.050	0.050	12/19/2011	ND	2.15	107	2.00	1.59	
Total Xylenes*	<0.150	0.150	12/19/2011	ND	6.16	103	6.00	0.930	

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 64.4-134

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	12/20/2011	ND	432	108	400	0.00	

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	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	


Surrogate: 1-Chlorooctane 92.5 % 55.5-154

Surrogate: 1-Chlorooctadecane 101 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	12/16/2011	Sampling Date:	12/15/2011
Reported:	12/20/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - VADOSE ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL I-V (H102720-09)

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	12/19/2011	ND	2.06	103	2.00	0.480	
Toluene*	<0.050	0.050	12/19/2011	ND	1.98	99.0	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/19/2011	ND	2.25	112	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/19/2011	ND	6.48	108	6.00	1.15	

Surrogate: 4-Bromofluorobenzene (PIL) 109 % 64.4-134

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	12/20/2011	ND	432	108	400	0.00	

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	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	

Surrogate: 1-Chlorooctane 81.5 % 55.5-154

Surrogate: 1-Chlorooctadecane 108 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	12/16/2011	Sampling Date:	12/15/2011
Reported:	12/20/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - VADOSE ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL J-V (H102720-10)

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	12/19/2011	ND	2.06	103	2.00	0.480	
Toluene*	<0.050	0.050	12/19/2011	ND	1.98	99.0	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/19/2011	ND	2.25	112	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/19/2011	ND	6.48	108	6.00	1.15	

Surrogate: 4-Bromofluorobenzene (PIL) 120 % 64.4-134

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	12/20/2011	ND	432	108	400	0.00	

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	12/20/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/20/2011	ND	193	96.5	200	6.51	

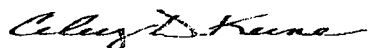
Surrogate: 1-Chlorooctane 76.6 % 55.5-154

Surrogate: 1-Chlorooctadecane 92.3 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	12/16/2011	Sampling Date:	12/16/2011
Reported:	12/20/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - VADOSE ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL K-V (H102720-11)

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	12/19/2011	ND	2.06	103	2.00	0.480	
Toluene*	<0.050	0.050	12/19/2011	ND	1.98	99.0	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/19/2011	ND	2.25	112	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/19/2011	ND	6.48	108	6.00	1.15	

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 64.4-134

Chloride, SM4500C1-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	12/20/2011	ND	432	108	400	0.00	

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	12/20/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/20/2011	ND	193	96.5	200	6.51	

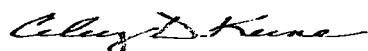
Surrogate: 1-Chlorooctane 90.3 % 55.5-154

Surrogate: 1-Chlorooctadecane 128 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 Eddie Seay
 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

 Received: 12/16/2011
 Reported: 12/20/2011
 Project Name: C & C LANDFARM - VADOSE ZONE
 Project Number: NONE GIVEN
 Project Location: MONUMENT, NM

 Sampling Date: 12/16/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL L-V (H102720-12)

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	12/19/2011	ND	2.06	103	2.00	0.480		
Toluene*	<0.050	0.050	12/19/2011	ND	1.98	99.0	2.00	1.07		
Ethylbenzene*	<0.050	0.050	12/19/2011	ND	2.25	112	2.00	1.35		
Total Xylenes*	<0.150	0.150	12/19/2011	ND	6.48	108	6.00	1.15		

Surrogate: 4-Bromofluorobenzene (PII) 110% 64.4-134

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	12/20/2011	ND	432	108	400	0.00	

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	12/20/2011	ND	184	92.1	200	1.05		
DRO >C10-C28	<10.0	10.0	12/20/2011	ND	193	96.5	200	6.51		

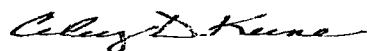
Surrogate: 1-Chlorooctane 97.3% 55.5-154

Surrogate: 1-Chlorooctadecane 115% 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/16/2011
Reported: 12/20/2011
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/16/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL M-V (H102720-13)

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	12/19/2011	ND	2.06	103	2.00	0.480	
Toluene*	<0.050	0.050	12/19/2011	ND	1.98	99.0	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/19/2011	ND	2.25	112	2.00	1.35	
Total Xylenes*	<0.150	0.150	12/19/2011	ND	6.48	108	6.00	1.15	

Surrogate: 4-Bromofluorobenzene (PII) 109 % 64.4-134

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	12/20/2011	ND	432	108	400	0.00	

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	12/20/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/20/2011	ND	193	96.5	200	6.51	


Surrogate: 1-Chlorooctane 84.4 % 55.5-154

Surrogate: 1-Chlorooctadecane 103 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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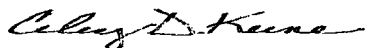
Celey D. Keene, Lab Director/Quality Manager

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



3 of 4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



424

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>Eddie Swan Consulting</u>				BILL TO				ANALYSIS REQUEST																			
Project Manager: <u>Eddie Swan</u>				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (8015)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> </div>																			
Address: <u>1001 W Illinois</u>				Company:																							
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88242</u>				Attn: <u>Jane</u>																							
Phone #: <u>2-2236</u> Fax #: <u>2-6949</u>				Address:																							
Project #: <u>Chc Landfarm</u> Project Owner: <u>J. Cooper</u>				City:																							
Project Name: <u>Chc Landfarm NM-01-2012</u>				State: Zip:																							
Project Location: <u>Monument N.M. Sect 3</u>				Phone #:																							
Sampler Name: <u>Eddie Swan (Vadose)</u>				Fax #:																							
FOR LAB USE ONLY						MATRIX		PRESERV		SAMPLING																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME													
<u>H102120</u>																											
<u>11</u>	<u>Cell A - V</u>	<u>✓</u>	<u>1</u>			<u>✓</u>				<u>✓</u>			<u>12/16</u>	<u>8:15</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>										
<u>12</u>	<u>Cell L - V</u>	<u>✓</u>	<u>1</u>			<u>✓</u>				<u>✓</u>			<u>12/16</u>	<u>9:20</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>										
<u>13</u>	<u>Cell M - V</u>	<u>✓</u>	<u>1</u>			<u>✓</u>				<u>✓</u>			<u>12/16</u>	<u>11:00</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>										

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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>Eddie Swan</u>	Date: <u>12/16</u>	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>2:30</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)		Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other:		Cool Intact	(Initials)	
		<input type="checkbox"/> Yes <input type="checkbox"/> No		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

December 20, 2011

Eddie Seay

Eddie Seay Consulting

601 W. Illinois

Hobbs, NM 88242

RE: C & C LANDFARM - TREATMENT ZONE

Enclosed are the results of analyses for samples received by the laboratory on 12/16/11 14:30.

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.

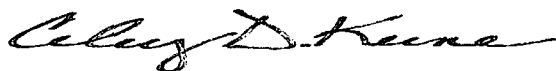
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/16/2011
Reported: 12/20/2011
Project Name: C & C LANDFARM - TREATMENT ZONE
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/14/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL A-T (H102719-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/19/2011	ND	416	104	400	3.77	
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	12/18/2011	ND	206	103	200	2.85	
DRO >C10-C28	150	10.0	12/18/2011	ND	181	90.3	200	5.56	
Surrogate: 1-Chlorooctane									
	83.0 %	55.5-154							
Surrogate: 1-Chlorooctadecane									
	124 %	57.6-158							

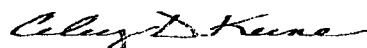
Sample ID: CELL B-T (H102719-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/19/2011	ND	416	104	400	3.77	
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	12/18/2011	ND	206	103	200	2.85	
DRO >C10-C28	104	10.0	12/18/2011	ND	181	90.3	200	5.56	
Surrogate: 1-Chlorooctane									
	88.8 %	55.5-154							
Surrogate: 1-Chlorooctadecane									
	131 %	57.6-158							

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 12/16/2011
Reported: 12/20/2011
Project Name: C & C LANDFARM - TREATMENT ZONE
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 12/14/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL C-T (H102719-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2011	ND	416	104	400	3.77		
TPH 8015M		mg/kg		Analyzed By: MS						S-HI
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/18/2011	ND	206	103	200	2.85		
DRO >C10-C28	243	10.0	12/18/2011	ND	181	90.3	200	5.56		
Surrogate: 1-Chlorooctane										
	87.3 %	55.5-154								
Surrogate: 1-Chlorooctadecane										
	179 %	57.6-158								

Sample ID: CELL D-T (H102719-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/19/2011	ND	416	104	400	3.77	
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	12/18/2011	ND	206	103	200	2.85	
DRO >C10-C28	162	10.0	12/18/2011	ND	181	90.3	200	5.56	
Surrogate: 1-Chlorooctane									
	82.6 %	55.5-154							
Surrogate: 1-Chlorooctadecane									
	152 %	57.6-158							

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	12/16/2011	Sampling Date:	12/14/2011
Reported:	12/20/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL E-T (H102719-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/19/2011	ND	416	104	400	3.77	
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	12/18/2011	ND	206	103	200	2.85	
DRO >C10-C28	187	10.0	12/18/2011	ND	181	90.3	200	5.56	

Surrogate: 1-Chlorooctane 85.1 % 55.5-154

Surrogate: 1-Chlorooctadecane 150 % 57.6-158

Sample ID: CELL F-T (H102719-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/19/2011	ND	416	104	400	3.77	
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	12/18/2011	ND	206	103	200	2.85	
DRO >C10-C28	113	10.0	12/18/2011	ND	181	90.3	200	5.56	

Surrogate: 1-Chlorooctane 83.2 % 55.5-154

Surrogate: 1-Chlorooctadecane 136 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	12/16/2011	Sampling Date:	12/14/2011
Reported:	12/20/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL G-T (H102719-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/19/2011	ND	416	104	400	3.77	
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	12/18/2011	ND	206	103	200	2.85	
DRO >C10-C28	126	10.0	12/18/2011	ND	181	90.3	200	5.56	
Surrogate: 1-Chlorooctane									
	77.1 %	55.5-154							
Surrogate: 1-Chlorooctadecane									
	142 %	57.6-158							

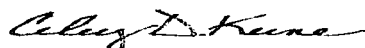
Sample ID: CELL H-T (H102719-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/19/2011	ND	416	104	400	3.77	
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	12/18/2011	ND	206	103	200	2.85	
DRO >C10-C28	106	10.0	12/18/2011	ND	181	90.3	200	5.56	
Surrogate: 1-Chlorooctane									
	83.0 %	55.5-154							
Surrogate: 1-Chlorooctadecane									
	134 %	57.6-158							

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	12/16/2011	Sampling Date:	12/14/2011
Reported:	12/20/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL I-T (H102719-09)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2011	ND	416	104	400	3.77	
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	12/18/2011	ND	206	103	200	2.85	
DRO >C10-C28	159	10.0	12/18/2011	ND	181	90.3	200	5.56	

Surrogate: 1-Chlorooctane 74.3 % 55.5-154

Surrogate: 1-Chlorooctadecane 161 % 57.6-158

Sample ID: CELL J-T (H102719-10)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/19/2011	ND	416	104	400	3.77	
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	12/18/2011	ND	206	103	200	2.85	
DRO >C10-C28	327	10.0	12/18/2011	ND	181	90.3	200	5.56	

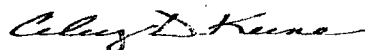
Surrogate: 1-Chlorooctane 75.4 % 55.5-154

Surrogate: 1-Chlorooctadecane 210 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 Eddie Seay
 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

Received:	12/16/2011	Sampling Date:	12/14/2011
Reported:	12/20/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL K-T (H102719-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2011	ND	416	104	400	3.77		
TPH 8015M		mg/kg		Analyzed By: MS						S-HI
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/18/2011	ND	206	103	200	2.85		
DRO >C10-C28	246	10.0	12/18/2011	ND	181	90.3	200	5.56		
Surrogate: 1-Chlorooctane	88.2 %	55.5-154								
Surrogate: 1-Chlorooctadecane	200 %	57.6-158								


Sample ID: CELL L-T (H102719-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/19/2011	ND	416	104	400	3.77		
TPH 8015M		mg/kg		Analyzed By: MS						S-HI
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/18/2011	ND	206	103	200	2.85		
DRO >C10-C28	524	10.0	12/18/2011	ND	181	90.3	200	5.56		
Surrogate: 1-Chlorooctane										
	87.3 %	55.5-154								
Surrogate: 1-Chlorooctadecane										
	224 %	57.6-158								

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 Eddie Seay
 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

Received:	12/16/2011	Sampling Date:	12/14/2011
Reported:	12/20/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

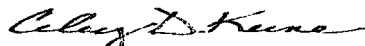
Sample ID: CELL M-T (H102719-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/19/2011	ND	416	104	400	3.77	
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	12/18/2011	ND	206	103	200	2.85	
DRO >C10-C28	526	10.0	12/18/2011	ND	181	90.3	200	5.56	
Surrogate: 1-Chlorooctane	79.3 %	55.5-154							
Surrogate: 1-Chlorooctadecane	228 %	57.6-158							

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Celey D. Keene, Lab Director/Quality Manager

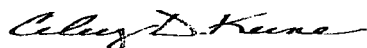
Notes and Definitions

S-HI	High surrogate recovery was confirmed as a matrix effect by a second analysis.
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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>Eddie Seay Consulting</u>				BILL TO				ANALYSIS REQUEST																															
Project Manager: <u>Eddie Seay</u>				P.O. #:																																			
Address: <u>601 W IH-NOR</u>				Company:																																			
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88242</u>				Att: <u>Same</u>																																			
Phone #: <u>2-2231</u> Fax #: <u>2-6949</u>				Address:																																			
Project #: <u>CtC Landform</u> Project Owner: <u>J. Cooper</u>				City:																																			
Project Name: <u>CtC Landform NM-01-0012</u>				State: Zip:																																			
Project Location: <u>Monument NM Set 3</u>				Phone #:																																			
Sampler Name: <u>Eddie Seay (Treatment Zone)</u>				Fax #:				<div style="text-align: center;">TPH (2013) Chloride</div>																															
FOR LAB USE ONLY				MATRIX																PRESERV.				SAMPLING															
Lab I.D.		Sample I.D.		(GRAB OR (C) CONTAINERS		GROUNDWATER														WASTEWATER		SOIL		OIL		SLUDGE		OTHER		ACID/BASE		ICE / COOL		OTHER		DATE		TIME	
H102719																																							
1		Cell A - T		✓																										✓		✓		✓		12/14		7:20	
2		Cell B - T		✓																										✓		✓		✓		12/14		8:00	
3		Cell C - T		✓																										✓		✓		✓		12/14		8:20	
4		Cell D - T		✓																										✓		✓		✓		12/14		9:10	
5		Cell E - T		✓																										✓		✓		✓		12/14		9:50	
6		Cell F - T		✓																										✓		✓		✓		12/14		10:45	
7		Cell G - T		✓														✓		✓		✓		12/14		11:30													
8		Cell H - T		✓														✓		✓		✓		12/14		12:15													
9		Cell I - T		✓														✓		✓		✓		12/14		2:00													
10		Cell J - T		✓														✓		✓		✓		12/14		2:40													

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Relinquished By: <u>Eddie Seay</u>	Date: <u>12/16</u> Time: <u>2:30</u>	Received By: <u>Jodi Benson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: Add'l Fax #:
Relinquished By:	Date: Time:	Received By:	REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool / Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: (Initials)		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



2 of 4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>Eddie Seay Consulting</u>				BILL TO				ANALYSIS REQUEST																		
Project Manager: <u>Eddie Seay</u>				P.O. #:				<div style="display: flex; align-items: center; justify-content: center;"><div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (9015)</div><div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div></div>																		
Address: <u>1001 W Illinois</u>				Company:																						
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88242</u>				Attn:																						
Phone #: <u>2-2236</u> Fax #: <u>2-6949</u>				Address: <u>Same</u>																						
Project #: <u>CFC Lanthorn</u> Project Owner: <u>J. Cooper</u>				City:																						
Project Name: <u>CFC Lanthorn NM-01-0012</u>				State: Zip:																						
Project Location: <u>Monument NM Sect 3</u>				Phone #:																						
Sampler Name: <u>Eddie Seay (Treatment Zone)</u>				Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV		SAMPLING																		
Lab I.D.	Sample I.D.	(GRAB OR COMPOSITE)	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME												
H102719																										
11	Cell K - T	✓	1			✓					✓		12/14	3:10	✓	✓										
12	Cell L - T	✓	1			✓					✓		12/14	3:55	✓	✓										
13	Cell M - T	✓	1			✓					✓		12/14	4:35	✓	✓										

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Relinquished By: <u>Eddie Seay</u>	Date: <u>12/16</u>	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>2:30</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool Intact	(Initials)		
	<input type="checkbox"/> Yes <input type="checkbox"/> No			

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

April 5, 2011

NMOCD Environmental
ATTN: Brad Jones
1220 South St. Francis Drive
Santa Fe, NM 87505

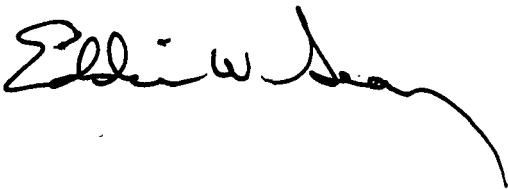
RE: C & C Landfarm (NM-01-0012)
Vadose Zone Sampling
Cell C, K, M

Mr. Jones:

I appreciate your phone conversation and help in trying to get our permit in good standing. As you suggested, I talked with the owners of C & C. They want me to move forward with the sampling of the three cells as (19-15-36E) recommends. I will send the results of the sampling as they are received.

If you have any questions, please let me know.

Thanks,



Eddie W. Seay, Agent
Eddie Seay Consulting
601 W. Illinois
Hobbs, NM 88242
575-392-2236
seay04@leaco.net

cc: C & C Landfarm

RECEIVED OOD
2011 APR - 8 P 1:40

RECEIVED OCD

2011 MAY 27 P 2:55

C & C Landfarm
NM-01-0012
VADOSE ZONE SAMPLING

RECEIVED OCD

2011 MAY 27 P 2:55

May 23, 2011

NMOCD Environmental
ATTN: Brad Jones
1220 South St. Francis Drive
Santa Fe, NM 87505

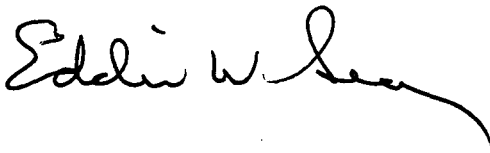
RE: C & C Landfarm (NM-01-0012)
Vadose Zone Sampling
Cells K & M

Mr. Jones:

Find enclosed the Vadose zone sampling as per (19-15-36E. The samples were taken at approximately four feet below the cell treatment zone. A backhoe was used to sample four random independent samples from each cell. After sampling, each sample hole was backfilled with red clay and clean soil and the treatment area returned and leveled.

Should you have any questions, please call.

Thanks,

A handwritten signature in black ink, appearing to read "Eddie W. Seay". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eddie W. Seay, Agent
Eddie Seay Consulting
601 W. Illinois
Hobbs, NM 88242
575-392-2236
seay04@leaco.net

cc: C & C Landfarm



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

May 19, 2011

Eddie Seay

Eddie Seay Consulting

601 W. Illinois

Hobbs, NM 88242

RE: C & C LANDFARM (NM-01-0012) VADOSE ZONE

Enclosed are the results of analyses for samples received by the laboratory on 04/21/11 8:40.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 04/21/2011
Reported: 05/19/2011
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Number: C & C LANDFARM
Project Location: SECTION 3 MONUMENT, NM

Sampling Date: 04/20/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

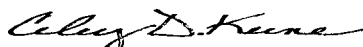
Sample ID: CELL M - 1 (H100817-01)

Arsenic, 6010B		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	11.5	5.00	04/27/2011	ND	4.06	102	4.00	5.51	GAL	
Barium, 6010B		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	102	2.00	04/27/2011	ND	2.00	100	2.00	4.40	GAL	
Cadmium 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	0.0570	0.0050	05/03/2011	ND	0.0484	96.8	0.0500	2.85	GAL	
Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/28/2011	ND	432	108	400	0.00		
Chromium, 6010B		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	4.47	1.00	04/27/2011	ND	2.07	104	2.00	4.26	GAL	
Copper, 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Copper	2.20	2.00	04/27/2011	ND	4.15	104	4.00	5.39	GAL	
Cyanide 335.4		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cyanide (total)	<0.0200	0.0200	05/02/2011	ND	0.0222	88.8	0.0250	1.36	GAL	
Fluoride, 4500F C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

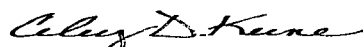
Sample ID: CELL M - 1 (H100817-01)

Fluoride, 4500F C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Fluoride	2.42	0.200	04/29/2011	ND	0.950	95.0	1.00	0.00	GAL	
Iron 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Iron	3370	5.0	04/27/2011	ND	4.0	101	4.00	4.37	GAL	
Lead 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Lead	1.92	0.05	05/03/2011	ND	0.05	99.8	0.0500	0.402	GAL	
Manganese 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Manganese	38.4	0.5	04/27/2011	ND	2.1	105	2.00	5.10	GAL	
Mercury, 7471A		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Mercury	<0.050	0.050	05/03/2011	ND	0.002	105	0.00200	0.00	GAL	
Nitrate + Nitrite as N, 353.2		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Nitrate/Nitrite as N	0.738	0.020	05/05/2011	ND	0.101	101	0.100	5.77	GAL	
Nitrite as N 353.2		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Nitrite as N	<0.020	0.020	04/29/2011	ND	0.107	107	0.100	0.00	GAL	
PAH 8270C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL M - 1 (H100817-01)
PAH 8270C

mg/kg

Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Naphthalene	<0.040	0.040	05/17/2011	ND	0.010	99.7	0.0100	2.08	
2-Methylnaphthalene	<0.040	0.040	05/17/2011	ND					
1-Methylnaphthalene	<0.040	0.040	05/17/2011	ND					
Acenaphthylene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	0.195	
Acenaphthene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	1.47	
Fluorene	<0.040	0.040	05/17/2011	ND	0.010	105	0.0100	4.66	
Phenanthrene	<0.040	0.040	05/17/2011	ND	0.010	98.1	0.0100	1.52	
Anthracene	<0.040	0.040	05/17/2011	ND	0.010	97.8	0.0100	1.92	
Carbazole	<0.040	0.040	05/17/2011	ND	0.010	100	0.0100	1.29	
Fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	97.4	0.0100	1.33	
Pyrene	<0.040	0.040	05/17/2011	ND	0.010	96.8	0.0100	1.23	
Benzo[a]anthracene	<0.040	0.040	05/17/2011	ND	0.009	89.8	0.0100	3.39	
Chrysene	<0.040	0.040	05/17/2011	ND	0.009	93.1	0.0100	1.07	
Benzo[b]fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	2.80	
Benzo[k]fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	100	0.0100	4.08	
Benzo[a]pyrene	<0.040	0.040	05/17/2011	ND	0.011	109	0.0100	3.45	
Indeno[1,2,3-cd]pyrene	<0.040	0.040	05/17/2011	ND	0.010	104	0.0100	7.61	
Dibenz[a,h]anthracene	<0.040	0.040	05/17/2011	ND	0.010	99.1	0.0100	0.302	
Benzo[g,h,i]perylene	<0.040	0.040	05/17/2011	ND	0.010	95.1	0.0100	6.40	

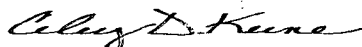
Surrogate: Nitrobenzene-d5 111 % 35-114

Surrogate: 2-Fluorobiphenyl 162 % 43-116

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL M - 1 (H100817-01)

PAH 8270C **mg/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: Terphenyl-d14	29.2 %	33-141							

PCB 8082 **ug/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
PCB 1016	<10.0	10.0	04/28/2011	ND	10.5	105	10.0	73.1	SUB-SS
PCB 1221	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1232	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1242	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1248	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1254	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1260	<10.0	10.0	04/28/2011	ND	7.00	70.0	10.0	41.2	SUB-SS

Surrogate: Tetrachloro-meta-xylene 88.8 % 35-140

pH **pH Units** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH	8.78	0.100	04/29/2011		7.12	102	7.00	0.114	

Phenols, 420.1 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Phenols	<0.5	0.5	05/04/2011	ND	0.4	92.0	0.400	1.88	GAL


Selenium 200.8 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Selenium	0.385	0.100	05/03/2011	ND	0.258	103	0.250	1.54	GAL

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 Eddie Seay
 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL M - 1 (H100817-01)

Silver 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Silver	0.0315	0.0050	05/03/2011	ND	0.0494	98.8	0.0500	2.99	GAL	

Sulfate 375.4		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate	<40.0	40.0	04/29/2011	ND	38.1	95.2	40.0	3.95		

TPH 8015M		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/25/2011	ND	210	105	200	2.49	
DRO >C10-C28	<10.0	10.0	04/25/2011	ND	202	101	200	3.20	

Surrogate: 1-Chlorooctane 84.8 % 70-130

Surrogate: 1-Chlorooctadecane 86.2 % 70-130

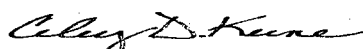
Uranium 200.8		mg/kg dry wt.		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Uranium	0.465	0.0500	05/03/2011	ND	0.0498	99.6	0.0500	0.00	GAL

WQCC Volatiles 8260		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Vinyl chloride	<0.0500	0.0500	04/27/2011	ND	0.973	97.3	1.00	5.96		
1,1-Dichloroethene	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.06		
Methylene chloride	<0.0500	0.0500	04/27/2011	ND	0.810	81.0	1.00	9.11		
1,1-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	6.87		
Chloroform	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	6.04		
Carbon tetrachloride	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	6.28		

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Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL M - 1 (H100817-01)
WQCC Volatiles 8260

mg/kg

Analyzed By: CMS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
1,1,1-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.11	111	1.00	4.24	
Benzene	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	7.62	
1,2-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.87	
Trichloroethene	<0.0500	0.0500	04/27/2011	ND	1.12	112	1.00	6.93	
Toluene	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	7.34	
Tetrachloroethene	<0.0500	0.0500	04/27/2011	ND	1.15	115	1.00	7.84	
1,1,2-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.08	108	1.00	6.75	
1,2-Dibromoethane	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	8.00	
Ethylbenzene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	6.54	
Total Xylenes	<0.150	0.150	04/27/2011	ND	3.23	108	3.00	7.99	
1,1,2,2-Tetrachloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	5.35	
Naphthalene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	7.75	

Surrogate: Dibromofluoromethane 80.8 % 80-120

Surrogate: Toluene-d8 103 % 80-120

Surrogate: 4-Bromofluorobenzene 86.0 % 80-120

Zinc 200.7

mg/kg dry wt.

Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Zinc	16.6	5.0	04/27/2011	ND	2.0	99.5	2.00	5.38	GAL

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Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

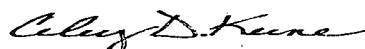
Sample ID: CELL M - 2 (H100817-02)

Arsenic 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	2.35	0.050	05/03/2011	ND	0.050	100	0.0500	2.75	GAL	
Barium, 6010B		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	94.9	2.00	04/27/2011	ND	2.00	100	2.00	4.40	GAL	
Cadmium 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	0.0681	0.0050	05/03/2011	ND	0.0484	96.8	0.0500	2.85	GAL	
Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/28/2011	ND	432	108	400	0.00		
Chromium, 6010B		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	4.30	1.00	04/27/2011	ND	2.07	104	2.00	4.26	GAL	
Copper, 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Copper	2.00	2.00	04/27/2011	ND	4.15	104	4.00	5.39	GAL	
Cyanide 335.4		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cyanide (total)	<0.0200	0.0200	05/02/2011	ND	0.0222	88.8	0.0250	1.36	GAL	
Fluoride, 4500F C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

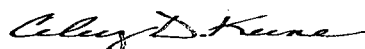
Sample ID: CELL M - 2 (H100817-02)

Fluoride, 4500F C		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Fluoride	1.63	0.200	04/29/2011	ND	0.950	95.0	1.00	0.00	GAL
Iron 200.7		mg/kg dry wt.		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Iron	3460	5.0	04/27/2011	ND	4.0	101	4.00	4.37	GAL
Lead 200.8		mg/kg dry wt.		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Lead	1.97	0.05	05/03/2011	ND	0.05	99.8	0.0500	0.402	GAL
Manganese 200.7		mg/kg dry wt.		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Manganese	35.6	0.5	04/27/2011	ND	2.1	105	2.00	5.10	GAL
Mercury, 7471A		mg/kg dry wt.		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Mercury	<0.050	0.050	05/03/2011	ND	0.002	105	0.00200	0.00	GAL
Nitrate + Nitrite as N, 353.2		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Nitrate/Nitrite as N	0.688	0.020	05/05/2011	ND	0.101	101	0.100	5.77	GAL
Nitrite as N 353.2		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Nitrite as N	<0.020	0.020	04/29/2011	ND	0.107	107	0.100	0.00	GAL
PAH 8270C		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

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Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 04/21/2011
Reported: 05/19/2011
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Number: C & C LANDFARM
Project Location: SECTION 3 MONUMENT, NM

Sampling Date: 04/20/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL M - 2 (H100817-02)
PAH 8270C
mg/kg
Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Naphthalene	<0.040	0.040	05/17/2011	ND	0.010	99.7	0.0100	2.08	
2-Methylnaphthalene	<0.040	0.040	05/17/2011	ND					
1-Methylnaphthalene	<0.040	0.040	05/17/2011	ND					
Acenaphthylene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	0.195	
Acenaphthene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	1.47	
Fluorene	<0.040	0.040	05/17/2011	ND	0.010	105	0.0100	4.66	
Phenanthrene	<0.040	0.040	05/17/2011	ND	0.010	98.1	0.0100	1.52	
Anthracene	<0.040	0.040	05/17/2011	ND	0.010	97.8	0.0100	1.92	
Carbazole	<0.040	0.040	05/17/2011	ND	0.010	100	0.0100	1.29	
Fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	97.4	0.0100	1.33	
Pyrene	<0.040	0.040	05/17/2011	ND	0.010	96.8	0.0100	1.23	
Benzo[a]anthracene	<0.040	0.040	05/17/2011	ND	0.009	89.8	0.0100	3.39	
Chrysene	<0.040	0.040	05/17/2011	ND	0.009	93.1	0.0100	1.07	
Benzo[b]fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	2.80	
Benzo[k]fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	100	0.0100	4.08	
Benzo[a]pyrene	<0.040	0.040	05/17/2011	ND	0.011	109	0.0100	3.45	
Indeno[1,2,3-cd]pyrene	<0.040	0.040	05/17/2011	ND	0.010	104	0.0100	7.61	
Dibenz[a,h]anthracene	<0.040	0.040	05/17/2011	ND	0.010	99.1	0.0100	0.302	
Benzo[g,h,i]perylene	<0.040	0.040	05/17/2011	ND	0.010	95.1	0.0100	6.40	

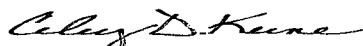
Surrogate: Nitrobenzene-d5 115 % 35-114

Surrogate: 2-Fluorobiphenyl 167 % 43-116

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Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL M - 2 (H100817-02)

PAH 8270C **mg/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: Terphenyl-d14	30.8 %	33-141							

PCB 8082 **ug/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
PCB 1016	<10.0	10.0	04/28/2011	ND	10.5	105	10.0	73.1	SUB-SS
PCB 1221	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1232	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1242	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1248	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1254	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1260	<10.0	10.0	04/28/2011	ND	7.00	70.0	10.0	41.2	SUB-SS

Surrogate: Tetrachloro-meta-xylene 80.0 % 35-140

pH **pH Units** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH	8.76	0.100	04/29/2011		7.12	102	7.00	0.114	

Phenols, 420.1 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Phenols	<0.5	0.5	05/04/2011	ND	0.4	92.0	0.400	1.88	GAL


Selenium 200.8 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Selenium	0.410	0.100	05/03/2011	ND	0.258	103	0.250	1.54	GAL

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL M - 2 (H100817-02)

Silver 200.8		mg/kg dry wt.		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Silver	0.0336	0.0050	05/03/2011	ND	0.0494	98.8	0.0500	2.99	GAL

Sulfate 375.4		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate	<40.0	40.0	04/29/2011	ND	38.1	95.2	40.0	3.95	

TPH 8015M		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/25/2011	ND	210	105	200	2.49	
DRO >C10-C28	<10.0	10.0	04/25/2011	ND	202	101	200	3.20	

Surrogate: 1-Chlorooctane 86.1 % 70-130

Surrogate: 1-Chlorooctadecane 87.5 % 70-130

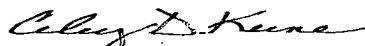
Uranium 200.8		mg/kg dry wt.		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Uranium	0.430	0.0500	05/03/2011	ND	0.0498	99.6	0.0500	0.00	GAL

WQCC Volatiles 8260		mg/kg	Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Vinyl chloride	<0.0500	0.0500	04/27/2011	ND	0.973	97.3	1.00	5.96	
1,1-Dichloroethene	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.06	
Methylene chloride	<0.0500	0.0500	04/27/2011	ND	0.810	81.0	1.00	9.11	
1,1-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	6.87	
Chloroform	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	6.04	
Carbon tetrachloride	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	6.28	

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Analytical Results For:

 Eddie Seay Consulting
 Eddie Seay
 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL M - 2 (H100817-02)

WQCC Volatiles 8260			mg/kg		Analyzed By: CMS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
1,1,1-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.11	111	1.00	4.24	
Benzene	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	7.62	
1,2-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.87	
Trichloroethene	<0.0500	0.0500	04/27/2011	ND	1.12	112	1.00	6.93	
Toluene	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	7.34	
Tetrachloroethene	<0.0500	0.0500	04/27/2011	ND	1.15	115	1.00	7.84	
1,1,2-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.08	108	1.00	6.75	
1,2-Dibromoethane	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	8.00	
Ethylbenzene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	6.54	
Total Xylenes	<0.150	0.150	04/27/2011	ND	3.23	108	3.00	7.99	
1,1,2,2-Tetrachloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	5.35	
Naphthalene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	7.75	

Surrogate: Dibromofluoromethane 79.3 % 80-120

Surrogate: Toluene-d8 104 % 80-120

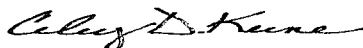
Surrogate: 4-Bromofluorobenzene 86.9 % 80-120

Zinc 200.7			mg/kg dry wt.		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Zinc	16.8	5.0	04/27/2011	ND	2.0	99.5	2.00	5.38	GAL

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Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 04/21/2011
Reported: 05/19/2011
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Number: C & C LANDFARM
Project Location: SECTION 3 MONUMENT, NM

Sampling Date: 04/20/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

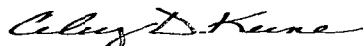
Sample ID: CELL M - 3 (H100817-03)

Arsenic, 6010B		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	14.5	5.00	04/27/2011	ND	4.06	102	4.00	5.51	GAL	
Barium, 6010B		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	110	2.00	04/27/2011	ND	2.00	100	2.00	4.40	GAL	
Cadmium 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	0.0629	0.0050	05/03/2011	ND	0.0484	96.8	0.0500	2.85	GAL	
Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/28/2011	ND	432	108	400	0.00		
Chromium, 6010B		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	4.11	1.00	04/27/2011	ND	2.07	104	2.00	4.26	GAL	
Copper, 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Copper	2.31	2.00	04/27/2011	ND	4.15	104	4.00	5.39	GAL	
Cyanide 335.4		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cyanide (total)	<0.0400	0.0400	05/02/2011	ND	0.0222	88.8	0.0250	1.36	GAL	
Fluoride, 4500F C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Eddie Seay
601 W. Illinois
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Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

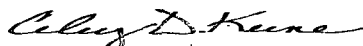
Sample ID: CELL M - 3 (H100817-03)

Fluoride, 4500F C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Fluoride	3.09	0.200	04/29/2011	ND	0.950	95.0	1.00	0.00	GAL	
Iron 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Iron	3200	5.0	04/27/2011	ND	4.0	101	4.00	4.37	GAL	
Lead 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Lead	1.79	0.05	05/03/2011	ND	0.05	99.8	0.0500	0.402	GAL	
Manganese 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Manganese	45.5	0.5	04/27/2011	ND	2.1	105	2.00	5.10	GAL	
Mercury, 7471A		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Mercury	<0.050	0.050	05/03/2011	ND	0.002	105	0.00200	0.00	GAL	
Nitrate + Nitrite as N, 353.2		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Nitrate/Nitrite as N	0.986	0.020	05/05/2011	ND	0.101	101	0.100	5.77	GAL	
Nitrite as N 353.2		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Nitrite as N	<0.020	0.020	04/29/2011	ND	0.107	107	0.100	0.00	GAL	
PAH 8270C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Eddie Seay Consulting
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601 W. Illinois
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Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSI	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL M - 3 (H100817-03)
PAH 8270C
mg/kg
Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Naphthalene	<0.040	0.040	05/17/2011	ND	0.010	99.7	0.0100	2.08	
2-Methylnaphthalene	<0.040	0.040	05/17/2011	ND					
1-Methylnaphthalene	<0.040	0.040	05/17/2011	ND					
Acenaphthylene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	0.195	
Acenaphthene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	1.47	
Fluorene	<0.040	0.040	05/17/2011	ND	0.010	105	0.0100	4.66	
Phenanthrene	<0.040	0.040	05/17/2011	ND	0.010	98.1	0.0100	1.52	
Anthracene	<0.040	0.040	05/17/2011	ND	0.010	97.8	0.0100	1.92	
Carbazole	<0.040	0.040	05/17/2011	ND	0.010	100	0.0100	1.29	
Fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	97.4	0.0100	1.33	
Pyrene	<0.040	0.040	05/17/2011	ND	0.010	96.8	0.0100	1.23	
Benzo[a]anthracene	<0.040	0.040	05/17/2011	ND	0.009	89.8	0.0100	3.39	
Chrysene	<0.040	0.040	05/17/2011	ND	0.009	93.1	0.0100	1.07	
Benzo[b]fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	2.80	
Benzo[k]fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	100	0.0100	4.08	
Benzo[a]pyrene	<0.040	0.040	05/17/2011	ND	0.011	109	0.0100	3.45	
Indeno[1,2,3-cd]pyrene	<0.040	0.040	05/17/2011	ND	0.010	104	0.0100	7.61	
Dibenz[a,h]anthracene	<0.040	0.040	05/17/2011	ND	0.010	99.1	0.0100	0.302	
Benzo[g,h,i]perylene	<0.040	0.040	05/17/2011	ND	0.010	95.1	0.0100	6.40	

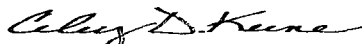
Surrogate: Nitrobenzene-d5 98.5 % 35-114

Surrogate: 2-Fluorobiphenyl 132 % 43-116

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Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
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Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL M - 3 (H100817-03)

PAH 8270C **mg/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: Terphenyl-d14	26.9 %	33-141							

PCB 8082 **ug/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
PCB 1016	<10.0	10.0	04/28/2011	ND	10.5	105	10.0	73.1	SUB-SS
PCB 1221	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1232	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1242	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1248	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1254	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1260	<10.0	10.0	04/28/2011	ND	7.00	70.0	10.0	41.2	SUB-SS

Surrogate: Tetrachloro-meta-xylene 98.4 % 35-140

pH **pH Units** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH	8.75	0.100	04/29/2011		7.12	102	7.00	0.114	

Phenols, 420.1 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Phenols	<0.5	0.5	05/04/2011	ND	0.4	92.0	0.400	1.88	GAL

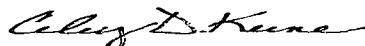
Selenium 200.8 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Selenium	0.501	0.100	05/03/2011	ND	0.258	103	0.250	1.54	GAL

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Received: 04/21/2011
Reported: 05/19/2011
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Number: C & C LANDFARM
Project Location: SECTION 3 MONUMENT, NM

Sampling Date: 04/20/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL M - 3 (H100817-03)

Silver 200.8		mg/kg dry wt.		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Silver	0.0400	0.0050	05/03/2011	ND	0.0494	98.8	0.0500	2.99	GAL

Sulfate 375.4		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate	<40.0	40.0	04/29/2011	ND	38.1	95.2	40.0	3.95	

TPH 8015M		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/25/2011	ND	210	105	200	2.49	
DRO >C10-C28	<10.0	10.0	04/25/2011	ND	202	101	200	3.20	

Surrogate: 1-Chlorooctane 96.1 % 70-130

Surrogate: 1-Chlorooctadecane 101 % 70-130

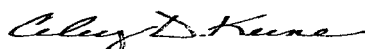
Uranium 200.8		mg/kg dry wt.		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Uranium	0.799	0.0500	05/03/2011	ND	0.0498	99.6	0.0500	0.00	GAL

WQCC Volatiles 8260		mg/kg	Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Vinyl chloride	<0.0500	0.0500	04/27/2011	ND	0.973	97.3	1.00	5.96	
1,1-Dichloroethene	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.06	
Methylene chloride	<0.0500	0.0500	04/27/2011	ND	0.810	81.0	1.00	9.11	
1,1-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	6.87	
Chloroform	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	6.04	
Carbon tetrachloride	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	6.28	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL M - 3 (H100817-03)

WQCC Volatiles 8260		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
1,1,1-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.11	111	1.00	4.24		
Benzene	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	7.62		
1,2-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.87		
Trichloroethene	<0.0500	0.0500	04/27/2011	ND	1.12	112	1.00	6.93		
Toluene	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	7.34		
Tetrachloroethene	<0.0500	0.0500	04/27/2011	ND	1.15	115	1.00	7.84		
1,1,2-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.08	108	1.00	6.75		
1,2-Dibromoethane	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	8.00		
Ethylbenzene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	6.54		
Total Xylenes	<0.150	0.150	04/27/2011	ND	3.23	108	3.00	7.99		
1,1,2,2-Tetrachloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	5.35		
Naphthalene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	7.75		

Surrogate: Dibromofluoromethane 78.9 % 80-120

Surrogate: Toluene-d8 103 % 80-120

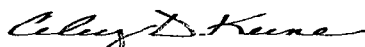
Surrogate: 4-Bromofluorobenzene 84.6 % 80-120

Zinc 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Zinc	16.6	5.0	04/27/2011	ND	2.0	99.5	2.00	5.38	GAL	

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Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

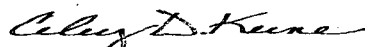
Sample ID: CELL M - 4 (H100817-04)

Arsenic 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	0.985	0.050	05/03/2011	ND	0.050	100	0.0500	2.75	GAL	
Barium, 6010B		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	58.8	2.00	04/27/2011	ND	2.00	100	2.00	4.40	GAL	
Cadmium 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	0.0587	0.0050	05/03/2011	ND	0.0484	96.8	0.0500	2.85	GAL	
Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/28/2011	ND	432	108	400	0.00		
Chromium, 6010B		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	3.74	1.00	04/27/2011	ND	2.07	104	2.00	4.26	GAL	
Copper 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Copper	1.15	0.0100	05/03/2011	ND	0.0471	94.2	0.0500	4.77	GAL	
Cyanide 335.4		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cyanide (total)	<0.0400	0.0400	05/02/2011	ND	0.0222	88.8	0.0250	1.36	GAL	
Fluoride, 4500F C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Celey D. Keene, Lab Director/Quality Manager

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Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOST	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

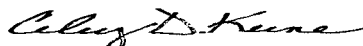
Sample ID: CELL M - 4 (H100817-04)

Fluoride, 4500F C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Fluoride	0.780	0.200	04/29/2011	ND	0.950	95.0	1.00	0.00	GAL	
Iron 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Iron	3210	5.0	04/27/2011	ND	4.0	101	4.00	4.37	GAL	
Lead 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Lead	1.99	0.05	05/03/2011	ND	0.05	99.8	0.0500	0.402	GAL	
Manganese 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Manganese	31.9	0.5	04/27/2011	ND	2.1	105	2.00	5.10	GAL	
Mercury, 7471A		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Mercury	<0.050	0.050	05/03/2011	ND	0.002	105	0.00200	0.00	GAL	
Nitrate + Nitrite as N, 353.2		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Nitrate/Nitrite as N	0.502	0.020	05/05/2011	ND	0.101	101	0.100	5.77	GAL	
Nitrite as N 353.2		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Nitrite as N	0.023	0.020	04/29/2011	ND	0.107	107	0.100	0.00	GAL	
PAH 8270C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

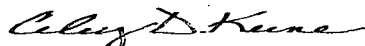
Sample ID: CELL M - 4 (H100817-04)

PAH 8270C		mg/kg	Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Naphthalene	<0.040	0.040	05/17/2011	ND	0.010	99.7	0.0100	2.08		
2-Methylnaphthalene	<0.040	0.040	05/17/2011	ND						
1-Methylnaphthalene	<0.040	0.040	05/17/2011	ND						
Acenaphthylene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	0.195		
Acenaphthene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	1.47		
Fluorene	<0.040	0.040	05/17/2011	ND	0.010	105	0.0100	4.66		
Phenanthrene	<0.040	0.040	05/17/2011	ND	0.010	98.1	0.0100	1.52		
Anthracene	<0.040	0.040	05/17/2011	ND	0.010	97.8	0.0100	1.92		
Carbazole	<0.040	0.040	05/17/2011	ND	0.010	100	0.0100	1.29		
Fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	97.4	0.0100	1.33		
Pyrene	<0.040	0.040	05/17/2011	ND	0.010	96.8	0.0100	1.23		
Benzo[a]anthracene	<0.040	0.040	05/17/2011	ND	0.009	89.8	0.0100	3.39		
Chrysene	<0.040	0.040	05/17/2011	ND	0.009	93.1	0.0100	1.07		
Benzo[b]fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	2.80		
Benzo[k]fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	100	0.0100	4.08		
Benzo[a]pyrene	<0.040	0.040	05/17/2011	ND	0.011	109	0.0100	3.45		
Indeno[1,2,3-cd]pyrene	<0.040	0.040	05/17/2011	ND	0.010	104	0.0100	7.61		
Dibenz[a,h]anthracene	<0.040	0.040	05/17/2011	ND	0.010	99.1	0.0100	0.302		
Benzo[g,h,i]perylene	<0.040	0.040	05/17/2011	ND	0.010	95.1	0.0100	6.40		
<hr/>										
Surrogate: Nitrobenzene-d5	124 %	35-114								
Surrogate: 2-Fluorobiphenyl	211 %	43-116								

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL M - 4 (H100817-04)

PAH 8270C	mg/kg	Analyzed By: CK
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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: Terphenyl-d14	37.1 %	33-141							

PCB 8082	ug/kg	Analyzed By: CK
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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
PCB 1016	<10.0	10.0	04/28/2011	ND	10.5	105	10.0	73.1	SUB-SS
PCB 1221	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1232	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1242	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1248	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1254	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1260	<10.0	10.0	04/28/2011	ND	7.00	70.0	10.0	41.2	SUB-SS

Surrogate: Tetrachloro-meta-xylene 81.0 % 35-140

pH	pH Units	Analyzed By: HM
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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH	8.78	0.100	04/29/2011		7.12	102	7.00	0.114	

Phenols, 420.1	mg/kg dry wt.	Analyzed By: CK
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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Phenols	<0.5	0.5	05/04/2011	ND	0.4	92.0	0.400	1.88	GAL

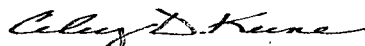
Selenium 200.8	mg/kg dry wt.	Analyzed By: CK
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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Selenium	0.237	0.100	05/03/2011	ND	0.258	103	0.250	1.54	GAL

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Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 04/21/2011
Reported: 05/19/2011
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Number: C & C LANDFARM
Project Location: SECTION 3 MONUMENT, NM

Sampling Date: 04/20/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

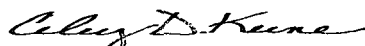
Sample ID: CELL M - 4 (H100817-04)

Silver 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Silver	0.0275	0.0050	05/03/2011	ND	0.0494	98.8	0.0500	2.99	GAL	
Sulfate 375.4		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Sulfate	<40.0	40.0	04/29/2011	ND	38.1	95.2	40.0	3.95		
TPH 8015M		mg/kg		Analyzed By: ck						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/25/2011	ND	210	105	200	2.49		
DRO >C10-C28	<10.0	10.0	04/25/2011	ND	202	101	200	3.20		
Surrogate: 1-Chlorooctane		83.7 %	70-130							
Surrogate: 1-Chlorooctadecane		81.6 %	70-130							
Uranium 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Uranium	0.227	0.0500	05/03/2011	ND	0.0498	99.6	0.0500	0.00	GAL	
WQCC Volatiles 8260		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Vinyl chloride	<0.0500	0.0500	04/27/2011	ND	0.973	97.3	1.00	5.96		
1,1-Dichloroethene	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.06		
Methylene chloride	<0.0500	0.0500	04/27/2011	ND	0.810	81.0	1.00	9.11		
1,1-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	6.87		
Chloroform	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	6.04		
Carbon tetrachloride	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	6.28		

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 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL M - 4 (H100817-04)

WQCC Volatiles 8260		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
1,1,1-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.11	111	1.00	4.24	
Benzene	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	7.62	
1,2-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.87	
Trichloroethene	<0.0500	0.0500	04/27/2011	ND	1.12	112	1.00	6.93	
Toluene	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	7.34	
Tetrachloroethene	<0.0500	0.0500	04/27/2011	ND	1.15	115	1.00	7.84	
1,1,2-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.08	108	1.00	6.75	
1,2-Dibromoethane	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	8.00	
Ethylbenzene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	6.54	
Total Xylenes	<0.150	0.150	04/27/2011	ND	3.23	108	3.00	7.99	
1,1,2,2-Tetrachloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	5.35	
Naphthalene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	7.75	

Surrogate: Dibromofluoromethane 79.4 % 80-120

Surrogate: Toluene-d8 104 % 80-120

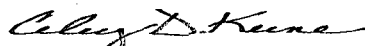
Surrogate: 4-Bromofluorobenzene 84.7 % 80-120

Zinc 200.7		mg/kg dry wt.		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Zinc	14.7	5.0	04/27/2011	ND	2.0	99.5	2.00	5.38	GAL

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

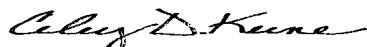
Notes and Definitions

SUB-SS	Analysis subcontracted to SunStar Laboratories, Inc.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
GAL	Analysis subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.
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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

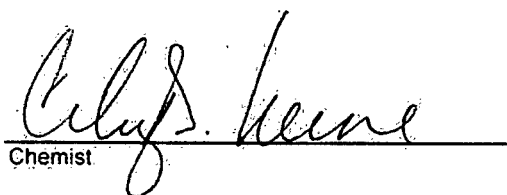
ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE SEAY
601 W. ILLINOIS
HOBBS, NM 88240

Receiving Date: 04/21/11
Reporting Date: 05/10/11
Project Number: C & C LANDFARM
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Location: SECTION 3 MONUMENT, NM
Laboratory Number: H100817-01
Sample ID: CELL M-1

Sampling Date: 04/20/11
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 4°C
Sample Received By: JH
Analyzed By: BB
Analysis Date: 04/26/11
Analysis Time: 15:19

Analysis Description	Analysis Results pCi/gm	Analysis Error (+/- 2s)	Analysis Results Bq/gm	Analysis Error (+/- 2s)	Analysis Test Method
Ra - 226	<0.84	N/A	<0.03	N/A	EPA 901.1M
Ra - 228	<0.37	N/A	<0.01	N/A	EPA 901.1M
Notes:					

Analyses subcontracted to Xenco Laboratories.


Chemist

H100817NORM EDDIE

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ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE SEAY
601 W. ILLINOIS
HOBBS, NM 88240

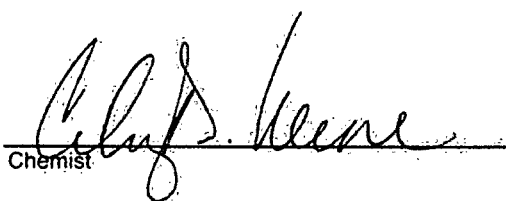
Receiving Date: 04/21/11
Reporting Date: 05/10/11
Project Number: C & C LANDFARM
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Location: SECTION 3 MONUMENT, NM
Laboratory Number: H100817-02
Sample ID: CELL M-2

Sampling Date: 04/20/11
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 4°C
Sample Received By: JH
Analyzed By: BB
Analysis Date: 04/26/11
Analysis Time: 15:34

Analysis Description	Analysis Results pCi/gm	Analysis Error (+/- 2s)	Analysis Results Bq/gm	Analysis Error (+/- 2s)	Analysis Test Method
Ra - 226	<0.83	N/A	<0.03	N/A	EPA 901.1M
Ra - 228	<0.29	N/A	<0.01	N/A	EPA 901.1M

Notes:

Analyses subcontracted to Xenco Laboratories.


Chemist

H100817NORM.EDDIE

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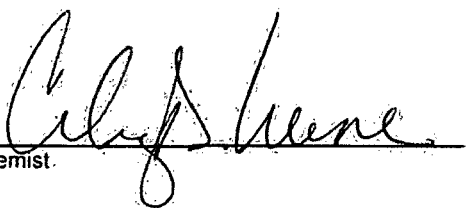
ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE SEAY
601 W. ILLINOIS
HOBBS, NM 88240

Receiving Date: 04/21/11
Reporting Date: 05/10/11
Project Number: C & C LANDFARM
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Location: SECTION 3 MONUMENT, NM
Laboratory Number: H100817-03
Sample ID: CELL M-3

Sampling Date: 04/20/11
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 4°C
Sample Received By: JH
Analyzed By: BB
Analysis Date: 04/26/11
Analysis Time: 15.58

Analysis Description	Analysis Results pCi/gm	Analysis Error (+/- 2s)	Analysis Results Bq/gm	Analysis Error (+/- 2s)	Analysis Test Method
Ra - 226	<1.11	N/A	<0.04	N/A	EPA 901.1M
Ra - 228	<0.40	N/A	<0.01	N/A	EPA 901.1M
Notes:					

Analyses subcontracted to Xenco Laboratories.


Chemist.

H100817NORM EDDIE

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ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE SEAY
601 W. ILLINOIS
HOBBS, NM 88240

Receiving Date: 04/21/11

Reporting Date: 05/10/11

Project Number: C & C LANDFARM

Project Name: C & C LANDFARM (NM-01-0012) VADOSE

Project Location: SECTION 3 MONUMENT, NM

Laboratory Number: H100817-04

Sample ID: CELL M-4

Sampling Date: 04/20/11

Sample Type: SOIL

Sample Condition: COOL & INTACT @ 4°C

Sample Received By: JH

Analyzed By: BB

Analysis Date: 04/26/11

Analysis Time: 16:12

Analysis Description	Analysis Results pCi/gm	Analysis Error (+/- 2s)	Analysis Results Bq/gm	Analysis Error (+/- 2s)	Analysis Test Method
Ra - 226	<0.65	N/A	<0.02	N/A	EPA 901.1M
Ra - 228	<0.31	N/A	<0.01	N/A	EPA 901.1M

Notes:

Analyses subcontracted to Xenco Laboratories.


Chemist

H100817NORM EDDIE

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Notes:

Comments:

1. Soil and Sludge analysis results are reported on a wet basis or as received basis unless otherwise indicated.
2. The data in this report are within the limits of uncertainty specified in the reference method unless otherwise specified.
3. Modified analysis procedures are procedures that are modified to meet certain specifications. An example would be the use of a water method to analyze a solid matrix due to the lack of an officially recognized procedure for the analysis of the solid matrix.
4. Derived Air Concentrations and Effluent Release Concentrations are obtained from 40 CFR 20 Appendix B.
5. Total Activity is actually total gamma activity and is determined utilizing the prominent gamma emitters from the naturally occurring decay chains and other prominent radioactive isotopes. Total activity may be lower than actual total activity due to the extent of secular equilibrium achieved in the various decay chains at the time of analysis. The total activity is not representative of isotopes that emit solely alpha or beta radiation.
6. Ra-228 is determined via secular equilibrium with its daughter, Actinium 228. (Gamma Spectroscopy only)
7. U-238 is determined via secular equilibrium with its daughter, Thorium 234. (Gamma Spectroscopy only)
8. All Gamma Spectroscopy was performed using high purity germanium detectors (HPGE).

Method References:

1. EPA 600/4-80-032, Prescribed Procedures for the Measurement of Radioactivity in Drinking Water, August 1980.
2. Standard Methods for the Examination of Water and Waste Water, 18th, 1992.
3. EPA SW-846, Test Methods for Evaluating Solid Wastes, Third Edition (9/86). (Updated through 1995)
4. EPA 600/4-79-020, Methods for Chemical Analysis of Water and Waste, March 1983.
5. HASL 300.

Definitions:

- | | | |
|-----|------------------|--|
| 1. | BDL | Analyte not detected because the value was below the detection limit. |
| 2. | ND | Not detected above the detection limit. |
| 3. | Detection Limit: | The minimum amount of analyte that can be detected utilizing the specific analysis |
| 4. | B | Method Blank. |
| 5. | D | Method Duplicate. |
| 6. | MS | Matrix Spike. |
| 7. | S | Spike. |
| 8. | RS | Reference Spike. |
| 9. | SC | Subcontracted to qualified laboratory. |
| 10. | NR | Not Referenced. |
| 11. | N/A | Not applicable. |
| 12. | MDA | Minimum detectable activity. |



1 of 3

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>Eddie Saez Consulting</u>				BILL TO		ANALYSIS REQUEST																					
Project Manager: <u>Eddie Saez</u>				P.O. #:		<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEx</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (8015)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Arsenic</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Barium</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Cadmium</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Cyanides</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Lead</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Mercury</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Selenium</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Silver</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">PCB</div> </div>																					
Address: <u>601 W Illinois</u>				Company:																							
City: <u>Hobbs</u>		State: <u>NM</u> Zip: <u>88242</u>		Attn:																							
Phone #: <u>392-2236</u>		Fax #: <u>392-6949</u>		Address: <u>Same</u>																							
Project #: <u>C+C Landform</u>		Project Owner: <u>J. Cooper</u>		City:																							
Project Name: <u>C+C Landform (NM-01-0012) Varadero</u>				State: Zip:																							
Project Location: <u>Section 3 Monument N.M.</u>				Phone #:																							
Sampler Name: <u>Eddie Saez</u>				Fax #:																							
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	GLASS OR (C)OMP. # CONTAINERS	MATRIX					PRESERV.	SAMPLING																	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE/COOL	OTHER	DATE	TIME													
	H100871-1	Cell M - 1	✓ 4			✓					✓		4/20	2:20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2	Cell M - 2	✓ 4			✓					✓		4/20	3:10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	3	Cell M - 3	✓ 4			✓					✓		4/20	3:45	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	4	Cell M - 4	✓ 4			✓					✓		4/20	4:30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Relinquished By: <u>Eddie Saez</u>	Date: <u>4/21</u>	Received By: <u>Jodi Benson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: <u>8:40</u>	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Date:	Sample Condition	REMARKS:	
Sampler - UPS - Bus - Other:	Time:	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	All 20-6-2-3103 A+B	
		CHECKED BY: (Initials)		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



30/3

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

[illegible]

* Cardinal cannot accept verbal changes. Please fax written changes to 505-399-2476



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

Relinquished By: <i>Eddie [Signature]</i>		Date: <i>4/21</i> Time: <i>8:40</i>		Received By: <i>Jodi Nenson</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Relinquished By:		Date:		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
		Time:				REMARKS: <i>All 20-6-2-3103 A+B</i>			
Delivered By: (Circle One)									
Sampler - UPS - Bus - Other:		<i>40c</i>		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: (Initials) <i>[Signature]</i>			

al cannot accept verbal changes. Please fax written changes to 505-393-2476.




283

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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[illegible]

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Relinquished By:		Date: 4/21		Received By: Wodi Henson		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Time: 8:40		Time:		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS:			
Time:		Time:		Time:					
Delivered By: (Circle One)		Sample Condition		CHECKED BY:					
Sampler - UPS - Bus - Other:		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		(Initials) 					

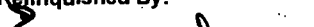




3 of 3

101 East Marland, Hobbs, NM 88240
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[illegible]

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Relinquished By:		Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
		Time:		Fax Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:		REMARKS:		
		Time:				
Delivered By: (Circle One)		Sample Condition		CHECKED BY:		
Sampler - UPS - Bus - Other:		Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		Initials) 		

† **al cannot accept verbal changes. Please fax written changes to 505-393-247.**



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

May 19, 2011

Eddie Seay

Eddie Seay Consulting

601 W. Illinois

Hobbs, NM 88242

RE: C & C LANDFARM (NM-01-0012) VADOSE ZONE

Enclosed are the results of analyses for samples received by the laboratory on 04/21/11 8:40.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005 Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

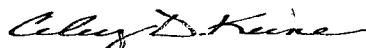
Sample ID: CELL K - 1 (H100816-01)

Arsenic 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	1.90	0.050	05/03/2011	ND	0.050	100	0.0500	2.75	GAL	
Barium, 60108		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	98.2	2.00	04/27/2011	ND	2.00	100	2.00	4.40	GAL	
Cadmium 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	0.0633	0.0050	05/03/2011	ND	0.0484	96.8	0.0500	2.85	GAL	
Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/28/2011	ND	432	108	400	0.00		
Chromium, 60108		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	4.81	1.00	04/27/2011	ND	2.07	104	2.00	4.26	GAL	
Copper 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Copper	1.44	0.0100	05/03/2011	ND	0.0471	94.2	0.0500	4.77	GAL	
Cyanide 335.4		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cyanide (total)	<0.0200	0.0200	05/02/2011	ND	0.0222	88.8	0.0250	1.36	GAL	
Fluoride, 4500F C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

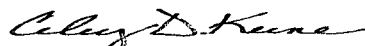
Sample ID: CELL K - 1 (H100816-01)

Fluoride, 4500F C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Fluoride	3.58	0.200	04/29/2011	ND	0.950	95.0	1.00	0.00	GAL	
Iron 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Iron	3890	5.0	04/27/2011	ND	4.0	101	4.00	4.37	GAL	
Lead 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Lead	1.78	0.05	05/03/2011	ND	0.05	99.8	0.0500	0.402	GAL	
Manganese 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Manganese	49.2	0.5	04/27/2011	ND	2.1	105	2.00	5.10	GAL	
Mercury, 7471A		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Mercury	<0.050	0.050	05/03/2011	ND	0.002	105	0.00200	0.00	GAL	
Nitrate + Nitrite as N, 353.2		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Nitrate/Nitrite as N	0.455	0.020	05/05/2011	ND	0.101	101	0.100	5.77	GAL	
Nitrite as N 353.2		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Nitrite as N	<0.020	0.020	04/29/2011	ND	0.107	107	0.100	0.00	GAL	
PAH 8270C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL K - 1 (H100816-01)
PAH 8270C
mg/kg
Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Naphthalene	<0.040	0.040	05/17/2011	ND	0.010	99.7	0.0100	2.08	
2-Methylnaphthalene	<0.040	0.040	05/17/2011	ND					
1-Methylnaphthalene	<0.040	0.040	05/17/2011	ND					
Acenaphthylene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	0.195	
Acenaphthene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	1.47	
Fluorene	<0.040	0.040	05/17/2011	ND	0.010	105	0.0100	4.66	
Phenanthrene	<0.040	0.040	05/17/2011	ND	0.010	98.1	0.0100	1.52	
Anthracene	<0.040	0.040	05/17/2011	ND	0.010	97.8	0.0100	1.92	
Carbazole	<0.040	0.040	05/17/2011	ND	0.010	100	0.0100	1.29	
Fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	97.4	0.0100	1.33	
Pyrene	<0.040	0.040	05/17/2011	ND	0.010	96.8	0.0100	1.23	
Benzo[a]anthracene	<0.040	0.040	05/17/2011	ND	0.009	89.8	0.0100	3.39	
Chrysene	<0.040	0.040	05/17/2011	ND	0.009	93.1	0.0100	1.07	
Benzo[b]fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	2.80	
Benzo[k]fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	100	0.0100	4.08	
Benzo[a]pyrene	<0.040	0.040	05/17/2011	ND	0.011	109	0.0100	3.45	
Indeno[1,2,3-cd]pyrene	<0.040	0.040	05/17/2011	ND	0.010	104	0.0100	7.61	
Dibenz[a,h]anthracene	<0.040	0.040	05/17/2011	ND	0.010	99.1	0.0100	0.302	
Benzo[g,h,i]perylene	<0.040	0.040	05/17/2011	ND	0.010	95.1	0.0100	6.40	


Surrogate: Nitrobenzene-d5 104 % 35-114

Surrogate: 2-Fluorobiphenyl 138 % 43-116

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 04/21/2011
Reported: 05/19/2011
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Number: C & C LANDFARM
Project Location: SECTION 3 MONUMENT, NM

Sampling Date: 04/20/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL K - 1 (H100816-01)

PAH 8270C **mg/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: Terphenyl-d14	28.1 %	33-141							

PCB 8082 **ug/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
PCB 1016	<10.0	10.0	04/28/2011	ND	10.5	105	10.0	73.1	SUB-SS
PCB 1221	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1232	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1242	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1248	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1254	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1260	<10.0	10.0	04/28/2011	ND	7.00	70.0	10.0	41.2	SUB-SS

Surrogate: Tetrachloro-meta-xylene 88.7 % 35-140

pH **pH Units** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH	8.77	0.100	04/29/2011		7.08	101	7.00	0.706	

Phenols, 420.1 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Phenols	<0.5	0.5	05/04/2011	ND	0.4	92.0	0.400	1.88	GAL


Selenium 200.8 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Selenium	0.386	0.100	05/03/2011	ND	0.258	103	0.250	1.54	GAL

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL K - 1 (H100816-01)

Silver 200.8 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Silver	0.0386	0.0050	05/03/2011	ND	0.0494	98.8	0.0500	2.99	GAL

Sulfate 375.4 **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate	<40.0	40.0	04/29/2011	ND	38.1	95.2	40.0	3.95	

TPH 8015M **mg/kg** **Analyzed By: AB**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2011	ND	207	104	200	6.50	
DRO >C10-C28	<10.0	10.0	04/23/2011	ND	200	99.8	200	1.84	

Surrogate: 1-Chlorooctane 108 % 70-130

Surrogate: 1-Chlorooctadecane 116 % 70-130

Uranium 200.8 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Uranium	0.784	0.0500	05/03/2011	ND	0.0498	99.6	0.0500	0.00	GAL

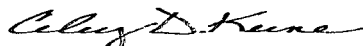
WQCC Volatiles 8260 **mg/kg** **Analyzed By: CMS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Vinyl chloride	<0.0500	0.0500	04/27/2011	ND	0.973	97.3	1.00	5.96	
1,1-Dichloroethene	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.06	
Methylene chloride	<0.0500	0.0500	04/27/2011	ND	0.810	81.0	1.00	9.11	
1,1-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	6.87	
Chloroform	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	6.04	
Carbon tetrachloride	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	6.28	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 Eddie Seay
 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL K - 1 (H100816-01)

WQCC Volatiles 8260		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
1,1,1-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.11	111	1.00	4.24	
Benzene	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	7.62	
1,2-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.87	
Trichloroethene	<0.0500	0.0500	04/27/2011	ND	1.12	112	1.00	6.93	
Toluene	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	7.34	
Tetrachloroethene	<0.0500	0.0500	04/27/2011	ND	1.15	115	1.00	7.84	
1,1,2-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.08	108	1.00	6.75	
1,2-Dibromoethane	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	8.00	
Ethylbenzene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	6.54	
Total Xylenes	<0.150	0.150	04/27/2011	ND	3.23	108	3.00	7.99	
1,1,2,2-Tetrachloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	5.35	
Naphthalene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	7.75	

Surrogate: Dibromofluoromethane 82.3 % 80-120

Surrogate: Toluene-d8 103 % 80-120

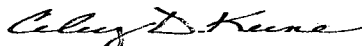
Surrogate: 4-Bromofluorobenzene 88.9 % 80-120

Zinc 200.7		mg/kg dry wt.		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Zinc	18.7	5.0	04/27/2011	ND	2.0	99.5	2.00	5.38	GAL

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Eddie Seay
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Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

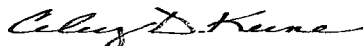
Sample ID: CELL K - 2 (H100816-02)

Arsenic 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	1.90	0.050	05/03/2011	ND	0.050	100	0.0500	2.75	GAL	
Barium, 60108		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	102	2.00	04/27/2011	ND	2.00	100	2.00	4.40	GAL	
Cadmium 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	0.0820	0.0050	05/03/2011	ND	0.0484	96.8	0.0500	2.85	GAL	
Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/28/2011	ND	432	108	400	0.00		
Chromium, 60108		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	5.70	1.00	04/27/2011	ND	2.07	104	2.00	4.26	GAL	
Copper, 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Copper	2.06	2.00	04/27/2011	ND	4.15	104	4.00	5.39	GAL	
Cyanide 335.4		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cyanide (total)	<0.0200	0.0200	05/02/2011	ND	0.0222	88.8	0.0250	1.36	GAL	
Fluoride, 4500F C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Fax To: (505) 392-6949

Received: 04/21/2011
Reported: 05/19/2011
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Number: C & C LANDFARM
Project Location: SECTION 3 MONUMENT, NM

Sampling Date: 04/20/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

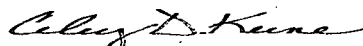
Sample ID: CELL K - 2 (H100816-02)

Fluoride, 4500F C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Fluoride	2.42	0.200	04/29/2011	ND	0.950	95.0	1.00	0.00	GAL	
Iron 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Iron	4830	5.0	04/27/2011	ND	4.0	101	4.00	4.37	GAL	
Lead 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Lead	2.28	0.05	05/03/2011	ND	0.05	99.8	0.0500	0.402	GAL	
Manganese 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Manganese	75.9	0.5	04/27/2011	ND	2.1	105	2.00	5.10	GAL	
Mercury, 7471A		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Mercury	<0.050	0.050	05/03/2011	ND	0.002	105	0.00200	0.00	GAL	
Nitrate + Nitrite as N, 353.2		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Nitrate/Nitrite as N	0.485	0.020	05/05/2011	ND	0.101	101	0.100	5.77	GAL	
Nitrite as N 353.2		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Nitrite as N	<0.020	0.020	04/29/2011	ND	0.107	107	0.100	0.00	GAL	
PAH 8270C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 Eddie Seay
 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL K - 2 (H100816-02)
PAH 8270C
mg/kg
Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Naphthalene	<0.040	0.040	05/17/2011	ND	0.010	99.7	0.0100	2.08	
2-Methylnaphthalene	<0.040	0.040	05/17/2011	ND					
1-Methylnaphthalene	<0.040	0.040	05/17/2011	ND					
Acenaphthylene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	0.195	
Acenaphthene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	1.47	
Fluorene	<0.040	0.040	05/17/2011	ND	0.010	105	0.0100	4.66	
Phenanthrene	<0.040	0.040	05/17/2011	ND	0.010	98.1	0.0100	1.52	
Anthracene	<0.040	0.040	05/17/2011	ND	0.010	97.8	0.0100	1.92	
Carbazole	<0.040	0.040	05/17/2011	ND	0.010	100	0.0100	1.29	
Fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	97.4	0.0100	1.33	
Pyrene	<0.040	0.040	05/17/2011	ND	0.010	96.8	0.0100	1.23	
Benzo[a]anthracene	<0.040	0.040	05/17/2011	ND	0.009	89.8	0.0100	3.39	
Chrysene	<0.040	0.040	05/17/2011	ND	0.009	93.1	0.0100	1.07	
Benzo[b]fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	2.80	
Benzo[k]fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	100	0.0100	4.08	
Benzo[a]pyrene	<0.040	0.040	05/17/2011	ND	0.011	109	0.0100	3.45	
Indeno[1,2,3-cd]pyrene	<0.040	0.040	05/17/2011	ND	0.010	104	0.0100	7.61	
Dibenz[a,h]anthracene	<0.040	0.040	05/17/2011	ND	0.010	99.1	0.0100	0.302	
Benzo[g,h,i]perylene	<0.040	0.040	05/17/2011	ND	0.010	95.1	0.0100	6.40	

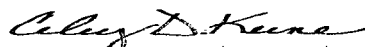
Surrogate: Nitrobenzene-d5 94.6 % 35-114

Surrogate: 2-Fluorobiphenyl 119 % 43-116

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL K - 2 (H100816-02)

PAH 8270C **mg/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: Terphenyl-d14	30.2 %	33-141							

PCB 8082 **ug/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
PCB 1016	<10.0	10.0	04/28/2011	ND	10.5	105	10.0	73.1	SUB-SS
PCB 1221	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1232	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1242	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1248	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1254	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1260	<10.0	10.0	04/28/2011	ND	7.00	70.0	10.0	41.2	SUB-SS

Surrogate: Tetrachloro-meta-xylene 89.5 % 35-140

pH **pH Units** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH	8.68	0.100	04/29/2011		7.08	101	7.00	0.706	

Phenols, 420.1 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Phenols	<0.5	0.5	05/04/2011	ND	0.4	92.0	0.400	1.88	GAL

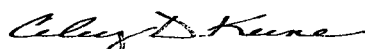
Selenium 200.8 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Selenium	0.439	0.100	05/03/2011	ND	0.258	103	0.250	1.54	GAL

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL K - 2 (H100816-02)

Silver 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Silver	0.0436	0.0050	05/03/2011	ND	0.0494	98.8	0.0500	2.99	GAL	

Sulfate 375.4		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate	<40.0	40.0	04/29/2011	ND	38.1	95.2	40.0	3.95	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2011	ND	207	104	200	6.50	
DRO >C10-C28	<10.0	10.0	04/23/2011	ND	200	99.8	200	1.84	

Surrogate: 1-Chlorooctane 92.1 % 70-130

Surrogate: 1-Chlorooctadecane 100 % 70-130

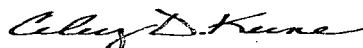
Uranium 200.8		mg/kg dry wt.		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Uranium	0.686	0.0500	05/03/2011	ND	0.0498	99.6	0.0500	0.00	GAL

WQCC Volatiles 8260		mg/kg	Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Vinyl chloride	<0.0500	0.0500	04/27/2011	ND	0.973	97.3	1.00	5.96	
1,1-Dichloroethene	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.06	
Methylene chloride	<0.0500	0.0500	04/27/2011	ND	0.810	81.0	1.00	9.11	
1,1-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	6.87	
Chloroform	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	6.04	
Carbon tetrachloride	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	6.28	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL K - 2 (H100816-02)

WQCC Volatiles 8260			mg/kg		Analyzed By: CMS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
1,1,1-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.11	111	1.00	4.24	
Benzene	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	7.62	
1,2-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.87	
Trichloroethene	<0.0500	0.0500	04/27/2011	ND	1.12	112	1.00	6.93	
Toluene	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	7.34	
Tetrachloroethene	<0.0500	0.0500	04/27/2011	ND	1.15	115	1.00	7.84	
1,1,2-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.08	108	1.00	6.75	
1,2-Dibromoethane	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	8.00	
Ethylbenzene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	6.54	
Total Xylenes	<0.150	0.150	04/27/2011	ND	3.23	108	3.00	7.99	
1,1,2,2-Tetrachloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	5.35	
Naphthalene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	7.75	

Surrogate: Dibromofluoromethane 81.5 % 80-120

Surrogate: Toluene-d8 103 % 80-120

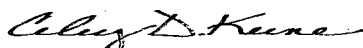
Surrogate: 4-Bromofluorobenzene 88.5 % 80-120

Zinc 200.7			mg/kg dry wt.		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Zinc	20.4	5.0	04/27/2011	ND	2.0	99.5	2.00	5.38	GAL

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 04/21/2011
Reported: 05/19/2011
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Number: C & C LANDFARM
Project Location: SECTION 3 MONUMENT, NM

Sampling Date: 04/20/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

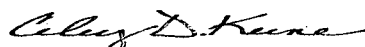
Sample ID: CELL K - 3 (H100816-03)

Arsenic 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	3.57	0.050	05/03/2011	ND	0.050	100	0.0500	2.75	GAL	
Barium, 60108		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	173	2.00	04/27/2011	ND	2.00	100	2.00	4.40	GAL	
Cadmium 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	0.0599	0.0050	05/03/2011	ND	0.0484	96.8	0.0500	2.85	GAL	
Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/28/2011	ND	432	108	400	0.00		
Chromium, 60108		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	5.05	1.00	04/27/2011	ND	2.07	104	2.00	4.26	GAL	
Copper 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Copper	1.07	0.0100	05/03/2011	ND	0.0471	94.2	0.0500	4.77	GAL	
Cyanide 335.4		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cyanide (total)	<0.0200	0.0200	05/02/2011	ND	0.0222	88.8	0.0250	1.36	GAL	
Fluoride, 4500F C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

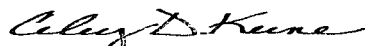
Sample ID: CELL K - 3 (H100816-03)

Fluoride, 4500F C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Fluoride	6.78	0.200	04/29/2011	ND	0.950	95.0	1.00	0.00	GAL	
Iron 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Iron	3770	5.0	04/27/2011	ND	4.0	101	4.00	4.37	GAL	
Lead 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Lead	1.95	0.05	05/03/2011	ND	0.05	99.8	0.0500	0.402	GAL	
Manganese 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Manganese	38.3	0.5	04/27/2011	ND	2.1	105	2.00	5.10	GAL	
Mercury, 7471A		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Mercury	<0.050	0.050	05/03/2011	ND	0.002	105	0.00200	0.00	GAL	
Nitrate + Nitrite as N, 353.2		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Nitrate/Nitrite as N	0.564	0.020	05/05/2011	ND	0.101	101	0.100	5.77	GAL	
Nitrite as N 353.2		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Nitrite as N	<0.020	0.020	04/29/2011	ND	0.107	107	0.100	0.00	GAL	
PAH 8270C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL K - 3 (H100816-03)
PAH 8270C
mg/kg
Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Naphthalene	<0.040	0.040	05/14/2011	ND	0.010	99.7	0.0100	2.08	
2-Methylnaphthalene	<0.040	0.040	05/14/2011	ND					
1-Methylnaphthalene	<0.040	0.040	05/14/2011	ND					
Acenaphthylene	<0.040	0.040	05/14/2011	ND	0.010	102	0.0100	0.195	
Acenaphthene	<0.040	0.040	05/14/2011	ND	0.010	102	0.0100	1.47	
Fluorene	<0.040	0.040	05/14/2011	ND	0.010	105	0.0100	4.66	
Phenanthrene	<0.040	0.040	05/14/2011	ND	0.010	98.1	0.0100	1.52	
Anthracene	<0.040	0.040	05/14/2011	ND	0.010	97.8	0.0100	1.92	
Carbazole	<0.040	0.040	05/14/2011	ND	0.010	100	0.0100	1.29	
Fluoranthene	<0.040	0.040	05/14/2011	ND	0.010	97.4	0.0100	1.33	
Pyrene	<0.040	0.040	05/14/2011	ND	0.010	96.8	0.0100	1.23	
Benzo[a]anthracene	<0.040	0.040	05/14/2011	ND	0.009	89.8	0.0100	3.39	
Chrysene	<0.040	0.040	05/14/2011	ND	0.009	93.1	0.0100	1.07	
Benzo[b]fluoranthene	<0.040	0.040	05/14/2011	ND	0.010	102	0.0100	2.80	
Benzo[k]fluoranthene	<0.040	0.040	05/14/2011	ND	0.010	100	0.0100	4.08	
Benzo[a]pyrene	<0.040	0.040	05/14/2011	ND	0.011	109	0.0100	3.45	
Indeno[1,2,3-cd]pyrene	<0.040	0.040	05/14/2011	ND	0.010	104	0.0100	7.61	
Dibenz[a,h]anthracene	<0.040	0.040	05/14/2011	ND	0.010	99.1	0.0100	0.302	
Benzo[g,h,i]perylene	<0.040	0.040	05/14/2011	ND	0.010	95.1	0.0100	6.40	

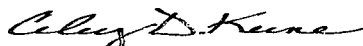
Surrogate: Nitrobenzene-d5 160 % 35-114

Surrogate: 2-Fluorobiphenyl % 43-116

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 04/21/2011
Reported: 05/19/2011
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Number: C & C LANDFARM
Project Location: SECTION 3 MONUMENT, NM

Sampling Date: 04/20/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL K - 3 (H100816-03)

PAH 8270C **mg/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: Terphenyl-d14	47.8 %	33-141							

PCB 8082 **ug/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
PCB 1016	<10.0	10.0	04/28/2011	ND	10.5	105	10.0	73.1	SUB-SS
PCB 1221	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1232	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1242	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1248	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1254	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1260	<10.0	10.0	04/28/2011	ND	7.00	70.0	10.0	41.2	SUB-SS

Surrogate: Tetrachloro-meta-xylene 87.5 % 35-140

pH **pH Units** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH	8.76	0.100	04/29/2011		7.12	102	7.00	0.114	

Phenols, 420.1 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Phenols	<0.5	0.5	05/04/2011	ND	0.4	92.0	0.400	1.88	GAL

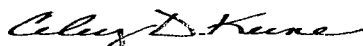
Selenium 200.8 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Selenium	0.416	0.100	05/03/2011	ND	0.258	103	0.250	1.54	GAL

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL K - 3 (H100816-03)

Silver 200.8 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Silver	0.0470	0.0050	05/03/2011	ND	0.0494	98.8	0.0500	2.99	GAL

Sulfate 375.4 **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate	<40.0	40.0	04/29/2011	ND	38.1	95.2	40.0	3.95	

TPH 8015M **mg/kg** **Analyzed By: AB**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2011	ND	207	104	200	6.50	
DRO >C10-C28	<10.0	10.0	04/23/2011	ND	200	99.8	200	1.84	

Surrogate: 1-Chlorooctane 106 % 70-130

Surrogate: 1-Chlorooctadecane 115 % 70-130

Uranium 200.8 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Uranium	1.16	0.0500	05/03/2011	ND	0.0498	99.6	0.0500	0.00	GAL

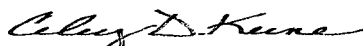
WQCC Volatiles 8260 **mg/kg** **Analyzed By: CMS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Vinyl chloride	<0.0500	0.0500	04/27/2011	ND	0.973	97.3	1.00	5.96	
1,1-Dichloroethene	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.06	
Methylene chloride	<0.0500	0.0500	04/27/2011	ND	0.810	81.0	1.00	9.11	
1,1-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	6.87	
Chloroform	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	6.04	
Carbon tetrachloride	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	6.28	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL K - 3 (H100816-03)
WQCC Volatiles 8260

mg/kg

Analyzed By: CMS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
1,1,1-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.11	111	1.00	4.24	
Benzene	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	7.62	
1,2-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.87	
Trichloroethene	<0.0500	0.0500	04/27/2011	ND	1.12	112	1.00	6.93	
Toluene	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	7.34	
Tetrachloroethene	<0.0500	0.0500	04/27/2011	ND	1.15	115	1.00	7.84	
1,1,2-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.08	108	1.00	6.75	
1,2-Dibromoethane	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	8.00	
Ethylbenzene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	6.54	
Total Xylenes	<0.150	0.150	04/27/2011	ND	3.23	108	3.00	7.99	
1,1,2,2-Tetrachloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	5.35	
Naphthalene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	7.75	

Surrogate: Dibromofluoromethane 79.9 % 80-120

Surrogate: Toluene-d8 103 % 80-120

Surrogate: 4-Bromofluorobenzene 86.3 % 80-120

Zinc 200.7

mg/kg dry wt.

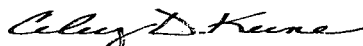
Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Zinc	16.6	5.0	04/27/2011	ND	2.0	99.5	2.00	5.38	GAL

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 04/21/2011
Reported: 05/19/2011
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Number: C & C LANDFARM
Project Location: SECTION 3 MONUMENT, NM

Sampling Date: 04/20/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

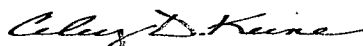
Sample ID: CELL K - 4 (H100816-04)

Arsenic 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Arsenic	3.10	0.050	05/03/2011	ND	0.050	100	0.0500	2.75	GAL	
Barium, 6010B		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Barium	157	2.00	04/27/2011	ND	2.00	100	2.00	4.40	GAL	
Cadmium 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cadmium	0.0636	0.0050	05/03/2011	ND	0.0484	96.8	0.0500	2.85	GAL	
Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/28/2011	ND	432	108	400	0.00		
Chromium, 6010B		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chromium	5.70	1.00	04/27/2011	ND	2.07	104	2.00	4.26	GAL	
Copper 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Copper	1.28	0.0100	05/03/2011	ND	0.0471	94.2	0.0500	4.77	GAL	
Cyanide 335.4		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Cyanide (total)	<0.0200	0.0200	05/02/2011	ND	0.0222	88.8	0.0250	1.36	GAL	
Fluoride, 4500F C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

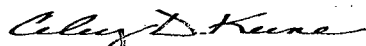
Sample ID: CELL K - 4 (H100816-04)

Fluoride, 4500F C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Fluoride	5.57	0.200	04/29/2011	ND	0.950	95.0	1.00	0.00	GAL	
Iron 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Iron	4220	5.0	04/27/2011	ND	4.0	101	4.00	4.37	GAL	
Lead 200.8		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Lead	2.00	0.05	05/03/2011	ND	0.05	99.8	0.0500	0.402	GAL	
Manganese 200.7		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Manganese	47.2	0.5	04/27/2011	ND	2.1	105	2.00	5.10	GAL	
Mercury, 7471A		mg/kg dry wt.		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Mercury	<0.050	0.050	05/03/2011	ND	0.002	105	0.00200	0.00	GAL	
Nitrate + Nitrite as N, 353.2		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Nitrate/Nitrite as N	0.677	0.020	05/05/2011	ND	0.101	101	0.100	5.77	GAL	
Nitrite as N 353.2		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Nitrite as N	<0.020	0.020	04/29/2011	ND	0.107	107	0.100	0.00	GAL	
PAH 8270C		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSI	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL K - 4 (H100816-04)
PAH 8270C
mg/kg
Analyzed By: CK

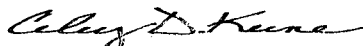
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Naphthalene	<0.040	0.040	05/17/2011	ND	0.010	99.7	0.0100	2.08	
2-Methylnaphthalene	<0.040	0.040	05/17/2011	ND					
1-Methylnaphthalene	<0.040	0.040	05/17/2011	ND					
Acenaphthylene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	0.195	
Acenaphthene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	1.47	
Fluorene	<0.040	0.040	05/17/2011	ND	0.010	105	0.0100	4.66	
Phenanthrene	<0.040	0.040	05/17/2011	ND	0.010	98.1	0.0100	1.52	
Anthracene	<0.040	0.040	05/17/2011	ND	0.010	97.8	0.0100	1.92	
Carbazole	<0.040	0.040	05/17/2011	ND	0.010	100	0.0100	1.29	
Fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	97.4	0.0100	1.33	
Pyrene	<0.040	0.040	05/17/2011	ND	0.010	96.8	0.0100	1.23	
Benzo[a]anthracene	<0.040	0.040	05/17/2011	ND	0.009	89.8	0.0100	3.39	
Chrysene	<0.040	0.040	05/17/2011	ND	0.009	93.1	0.0100	1.07	
Benzo[b]fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	102	0.0100	2.80	
Benzo[k]fluoranthene	<0.040	0.040	05/17/2011	ND	0.010	100	0.0100	4.08	
Benzo[a]pyrene	<0.040	0.040	05/17/2011	ND	0.011	109	0.0100	3.45	
Indeno[1,2,3-cd]pyrene	<0.040	0.040	05/17/2011	ND	0.010	104	0.0100	7.61	
Dibenz[a,h]anthracene	<0.040	0.040	05/17/2011	ND	0.010	99.1	0.0100	0.302	
Benzo[g,h,i]perylene	<0.040	0.040	05/17/2011	ND	0.010	95.1	0.0100	6.40	

Surrogate: Nitrobenzene-d5 110 % 35-114

Surrogate: 2-Fluorobiphenyl 154 % 43-116

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***=Accredited Analyte**

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL K - 4 (H100816-04)

PAH 8270C **mg/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Surrogate: Terphenyl-d14	27.7 %	33-141							

PCB 8082 **ug/kg** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
PCB 1016	<10.0	10.0	04/28/2011	ND	10.5	105	10.0	73.1	SUB-SS
PCB 1221	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1232	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1242	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1248	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1254	<10.0	10.0	04/28/2011	ND					SUB-SS
PCB 1260	<10.0	10.0	04/28/2011	ND	7.00	70.0	10.0	41.2	SUB-SS

Surrogate: Tetrachloro-meta-xylene 85.7 % 35-140

pH **pH Units** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH	8.77	0.100	04/29/2011		7.12	102	7.00	0.114	

Phenols, 420.1 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Phenols	<0.5	0.5	05/04/2011	ND	0.4	92.0	0.400	1.88	GAL

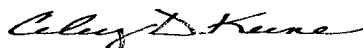
Selenium 200.8 **mg/kg dry wt.** **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Selenium	0.462	0.100	05/03/2011	ND	0.258	103	0.250	1.54	GAL

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL K - 4 (H100816-04)

Silver 200.8		mg/kg dry wt.		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Silver	0.0486	0.0050	05/03/2011	ND	0.0494	98.8	0.0500	2.99	GAL

Sulfate 375.4		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate	<40.0	40.0	04/29/2011	ND	38.1	95.2	40.0	3.95	

TPH 8015M		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/25/2011	ND	214	107	200	0.572	
DRO >C10-C28	<10.0	10.0	04/25/2011	ND	206	103	200	4.93	

Surrogate: 1-Chlorooctane 87.3 % 70-130

Surrogate: 1-Chlorooctadecane 88.9 % 70-130


Uranium 200.8		mg/kg dry wt.		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Uranium	1.08	0.0500	05/03/2011	ND	0.0498	99.6	0.0500	0.00	GAL

WQCC Volatiles 8260		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Vinyl chloride	<0.0500	0.0500	04/27/2011	ND	0.973	97.3	1.00	5.96	
1,1-Dichloroethene	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.06	
Methylene chloride	<0.0500	0.0500	04/27/2011	ND	0.810	81.0	1.00	9.11	
1,1-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	6.87	
Chloroform	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	6.04	
Carbon tetrachloride	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	6.28	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 Eddie Seay
 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

Received:	04/21/2011	Sampling Date:	04/20/2011
Reported:	05/19/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM (NM-01-0012) VADOSE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	SECTION 3 MONUMENT, NM		

Sample ID: CELL K - 4 (H100816-04)

WQCC Volatiles 8260			mg/kg		Analyzed By: CMS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
1,1,1-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.11	111	1.00	4.24	
Benzene	<0.0500	0.0500	04/27/2011	ND	1.13	113	1.00	7.62	
1,2-Dichloroethane	<0.0500	0.0500	04/27/2011	ND	1.04	104	1.00	5.87	
Trichloroethene	<0.0500	0.0500	04/27/2011	ND	1.12	112	1.00	6.93	
Toluene	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	7.34	
Tetrachloroethene	<0.0500	0.0500	04/27/2011	ND	1.15	115	1.00	7.84	
1,1,2-Trichloroethane	<0.0500	0.0500	04/27/2011	ND	1.08	108	1.00	6.75	
1,2-Dibromoethane	<0.0500	0.0500	04/27/2011	ND	1.14	114	1.00	8.00	
Ethylbenzene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	6.54	
Total Xylenes	<0.150	0.150	04/27/2011	ND	3.23	108	3.00	7.99	
1,1,2,2-Tetrachloroethane	<0.0500	0.0500	04/27/2011	ND	1.10	110	1.00	5.35	
Naphthalene	<0.0500	0.0500	04/27/2011	ND	1.07	107	1.00	7.75	

Surrogate: Dibromofluoromethane 81.4 % 80-120

Surrogate: Toluene-d8 103 % 80-120

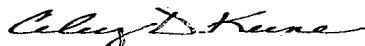
Surrogate: 4-Bromofluorobenzene 86.7 % 80-120

Zinc 200.7			mg/kg dry wt.		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Zinc	18.7	5.0	04/27/2011	ND	2.0	99.5	2.00	5.38	GAL

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Celey D. Keene, Lab Director/Quality Manager

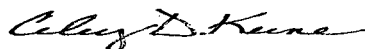
Notes and Definitions

SUB-SS	Analysis subcontracted to SunStar Laboratories, Inc.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
GAL	Analysis subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.
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



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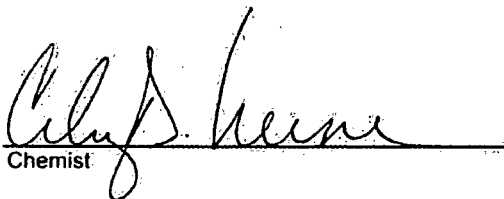
ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE SEAY
601 W. ILLINOIS
HOBBS, NM 88240

Receiving Date: 04/21/11
Reporting Date: 05/10/11
Project Number: C & C LANDFARM
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Location: SECTION 3 MONUMENT, NM
Laboratory Number: H100816-01
Sample ID: CELL K-1

Sampling Date: 04/20/11
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 4°C
Sample Received By: JH
Analyzed By: BB
Analysis Date: 04/26/11
Analysis Time: 12:58

Analysis Description	Analysis Results pCi/gm	Analysis Error (+/- 2s)	Analysis Results Bq/gm	Analysis Error (+/- 2s)	Analysis Test Method
Ra - 226	<0.80	N/A	<0.03	N/A	EPA 901.1M
Ra - 228	<0.24	N/A	<0.01	N/A	EPA 901.1M
Notes:					

Analyses subcontracted to Xenco Laboratories.


Chemist

H100816NORM EDDIE

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ANALYTICAL RESULTS FOR
 EDDIE SEAY CONSULTING
 ATTN: EDDIE SEAY
 601 W. ILLINOIS
 HOBBS, NM 88240

 Receiving Date: 04/21/11
 Reporting Date: 05/10/11
 Project Number: C & C LANDFARM
 Project Name: C & C LANDFARM (NM-01-0012) VADOSE
 Project Location: SECTION 3 MONUMENT, NM
 Laboratory Number: H100816-02
 Sample ID: CELL K-2

 Sampling Date: 04/20/11
 Sample Type: SOIL
 Sample Condition: COOL & INTACT @ 4°C
 Sample Received By: JH
 Analyzed By: BB
 Analysis Date: 04/26/11
 Analysis Time: 13:19

Analysis Description	Analysis Results pCi/gm	Analysis Error (+/- 2s)	Analysis Results Bq/gm	Analysis Error (+/- 2s)	Analysis Test Method
Ra - 226	<0.75	N/A	<0.03	N/A	EPA 901.1M
Ra - 228	<0.29	N/A	<0.01	N/A	EPA 901.1M

Notes:

Analyses subcontracted to Xenco Laboratories.


 Chemist

H100816NORM EDDIE

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ANALYTICAL RESULTS FOR
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ATTN: EDDIE SEAY
601 W. ILLINOIS
HOBBS, NM 88240

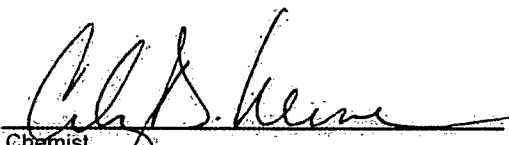
Receiving Date: 04/21/11
Reporting Date: 05/10/11
Project Number: C & C LANDFARM
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Location: SECTION 3 MONUMENT, NM
Laboratory Number: H100816-03
Sample ID: CELL K-3

Sampling Date: 04/20/11
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 4°C
Sample Received By: JH
Analyzed By: BB
Analysis Date: 04/26/11
Analysis Time: 13:53

Analysis Description	Analysis Results pCi/gm	Analysis Error (+/- 2s)	Analysis Results Bq/gm	Analysis Error (+/- 2s)	Analysis Test Method
Ra - 226	<1.12	N/A	<0.04	N/A	EPA 901.1M
Ra - 228	<0.39	N/A	<0.01	N/A	EPA 901.1M

Notes:

Analyses subcontracted to Xenco Laboratories.


Chemist

H100816NORM EDDIE

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ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE SEAY
601 W. ILLINOIS
HOBBS, NM 88240

Receiving Date: 04/21/11
Reporting Date: 05/10/11
Project Number: C & C LANDFARM
Project Name: C & C LANDFARM (NM-01-0012) VADOSE
Project Location: SECTION 3 MONUMENT, NM
Laboratory Number: H100816-04
Sample ID: CELL-K-4

Sampling Date: 04/20/11
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 4°C
Sample Received By: JH
Analyzed By: BB
Analysis Date: 04/26/11
Analysis Time: 14:47

Analysis Description	Analysis Results pCi/gm	Analysis Error (+/- 2s)	Analysis Results Bq/gm	Analysis Error (+/- 2s)	Analysis Test Method
Ra - 226	<1.09	N/A	<0.04	N/A	EPA 901.1M
Ra - 228	<0.41	N/A	<0.02	N/A	EPA 901.1M
Notes:					

Analyses subcontracted to Xenco Laboratories.


Cheryl Heine
Chemist

H100816NORM EDDIE

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Notes:

Comments:

1. Soil and Sludge analysis results are reported on a wet basis or as received basis unless otherwise indicated.
2. The data in this report are within the limits of uncertainty specified in the reference method unless otherwise specified.
3. Modified analysis procedures are procedures that are modified to meet certain specifications. An example would be the use of a water method to analyze a solid matrix due to the lack of an officially recognized procedure for the analysis of the solid matrix.
4. Derived Air Concentrations and Effluent Release Concentrations are obtained from 10 CFR 20 Appendix B.
5. Total Activity is actually total gamma activity and is determined utilizing the prominent gamma emitters from the naturally occurring decay chains and other prominent radioactive isotopes. Total activity may be lower than actual total activity due to the extent of secular equilibrium achieved in the various decay chains at the time of analysis. The total activity is not representative of isotopes that emit solely alpha or beta radiation.
6. Ra-228 is determined via secular equilibrium with its daughter, Actinium 228. (Gamma Spectroscopy only)
7. U-238 is determined via secular equilibrium with its daughter, Thorium 234. (Gamma Spectroscopy only)
8. All Gamma Spectroscopy was performed using high purity germanium detectors (HPGE).

Method References:

1. EPA 600/4-80-032, Prescribed Procedures for the Measurement of Radioactivity in Drinking Water, August 1980.
2. Standard Methods for the Examination of Water and Waste Water, 18th, 1992.
3. EPA SW-846, Test Methods for Evaluating Solid Wastes, Third Edition (9/86). (Updated through 1995)
4. EPA 600/4-79-020, Methods for Chemical Analysis of Water and Waste, March 1983.
5. HASL 300.

Definitions:

- | | | |
|-----|-----------------|--|
| 1. | BDL | Analyte not detected because the value was below the detection limit. |
| 2. | ND | Not detected above the detection limit. |
| 3. | Detection Limit | The minimum amount of analyte that can be detected utilizing the specific analysis |
| 4. | B | Method Blank. |
| 5. | D | Method Duplicate. |
| 6. | MS | Matrix Spike. |
| 7. | S | Spike. |
| 8. | RS | Reference Spike. |
| 9. | SC | Subcontracted to qualified laboratory. |
| 10. | NR | Not Referenced. |
| 11. | N/A | Not applicable. |
| 12. | MDA | Minimum detectable activity. |



1-23

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Eddie Sany Consulting				BILL TO				ANALYSIS REQUEST											
Project Manager: Eddie Sany				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (8015)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Arsenic</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Barium</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Cadmium</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Cyanide</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Lead</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Mercury</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Selenium</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Silver</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">PCB</div> </div>											
Address: 601 W Illinois				Company:															
City: Hobbs State: NM Zip: 88242				Attn: James															
Phone #: 392-2236 Fax #: 392-6949				Address:															
Project #: C+C Landform Project Owner: J. Cooper				City:															
Project Name: C+C Landform (NM-01-0012) Vagosa				State: Zip:															
Project Location: Section 3 Monument N.M.				Phone #:															
Sampler Name: Eddie Sany				Fax #:															
Lab I.D.	Sample I.D.	(G)RAB (C)OMP. # CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	BTX	TPH (8015)	Chloride	Arsenic	Barium	Cadmium	Cyanide	Lead	Mercury	Selenium	Silver	PCB
H100816.1	Cell K-1	✓ 5	GROUNDWATER			4/20	10:15	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Cell K-2	✓ 4	WASTEWATER			4/20	10:50	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Cell K-3	✓ 4	SOIL			4/20	11:30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Cell K-4	✓ 4	SLUDGE			4/20	12:40	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Relinquished By: Eddie Sany	Date: 4/21	Received By: Adi Benson	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: 9:40	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Date:	Sample Condition	REMARKS:	
Sampler - UPS - Bus - Other: UPS	Time:	<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	all 20-4-2-3103 A+B	
CHECKED BY: (Initials)				

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283



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>Eddie Seay Consulting</u>				BILL TO				ANALYSIS REQUEST																			
Project Manager: <u>Eddie Seay</u>				P.O. #:																							
Address: <u>601 W Illinois</u>				Company:																							
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88242</u>				Attn: <u>Jamy</u>																							
Phone #: <u>2-2236</u> Fax #: <u>2-6949</u>				Address:																							
Project #: <u>C+C Landform</u> Project Owner: <u>J. Cooper</u>				City:																							
Project Name: <u>C+C Landform (NM-01-2012) Vadose</u>				State: Zip:																							
Project Location: <u>Set 3 Monument N.M.</u>				Phone #:																							
Sampler Name: <u>Eddie W Seay</u>				Fax #:																							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		Carbon Tetrachloride	EDC	DCE	PCE	TCE	Methylene Chloride	Chloroform	EDB	Trichloroethane	Tetrachloroethane	Vinyl Chloride	Polychlorinated Hydrocarbons		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	DATE													TIME	
HID0816-1	Cell K-1																										
2	Cell K-2																										
3	Cell K-3																										
4	Cell K-4																										

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Relinquished By: <u>Eddie Seay</u>	Date: <u>4/21</u>	Received By: <u>Godi Benson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: <u>8:40</u>	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <u>UPS</u>		Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: <u>[Signature]</u>	
REMARKS:				

* Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#26



3 of 3

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476

[illegible]

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1 of 3

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476

[illegible]

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Relinquished By:		Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
[Signature]		Time:	[Signature]	Fax Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By:	REMARKS:		
		Time:		all 20-4-2-3103 A+B		
Delivered By: (Circle One)		Sample Condition		CHECKED BY:		
Sampler - UPS - Bus - Other:		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		(Initials)		
		Yes <input type="checkbox"/> No <input type="checkbox"/>		[Signature]		

† Call cannot accept verbal changes. Please fax written changes to 505-393-2476




#26



283

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

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Relinquished By:		Date:		Received By:		Phone Result:		Add'l Phone #:	
		4/21				<input type="checkbox"/> Yes <input type="checkbox"/> No			
		Time: 8:40				Fax Result:			
Relinquished By:		Date:		Received By:		REMARKS:			
		Time:							
Delivered By: (Circle One)				Sample Condition		CHECKED BY:			
Sampler - UPS - Bus - Other:				Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		(Initials) 			

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#26



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

Relinquished By:	Date: 4/21	Received By: Jodi Benson	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 8:40		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)		Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other:		Cool Intact	(Initials)	
40c		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CH	

ial cannot accept verbal changes. Please fax written changes to 505-398-247.

August 10, 2011

RECEIVED OOD

2011 AUG 11 A 10:35

NMOCD Environmental
ATTN: Brad Jones
1220 S. Saint Francis Drive
Santa Fe, NM 87504

RE: C & C Landfarm (NM-01-0012)
Semi-Annual
Vadose & Treatment Zone Sampling

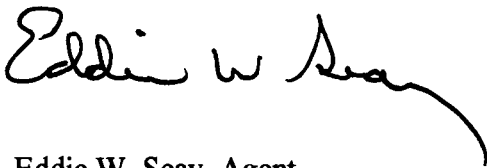
Mr. Jones:

Find within the semi-annual sampling for C & C as required.

C & C continues to disk the cells as the guidelines require and maintained the facility as permitted.

Should you have any questions or need additional information, please let me know.

Sincerely,



Eddie W. Seay, Agent
Eddie Seay Consulting
601 W. Illinois
Hobbs, NM 88242
575-392-2236
seay04@leaco.net

cc: C & C Landfarm

August 02, 2011

Eddie Seay

Eddie Seay Consulting

601 W. Illinois

Hobbs, NM 88242

RE: C & C LANDFARM - TREATMENT ZONE

Enclosed are the results of analyses for samples received by the laboratory on 07/29/11 14:20.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005 Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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

Method EPA 552.2 Haloacetic Acids (HAA-5)

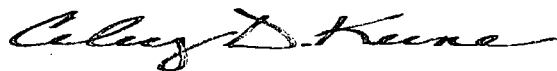
Method EPA 524.2 Total Trihalomethanes (TTHM)

Method EPA 524.4 Regulated VOCs (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:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 07/29/2011
Reported: 08/02/2011
Project Name: C & C LANDFARM - TREATMENT ZONE
Project Number: C & C LANDFARM
Project Location: MONUMENT, NM

Sampling Date: 07/28/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL A - T (H101582-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/01/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	287	10.0	08/01/2011	ND	172	85.9	200	0.938	
Surrogate: 1-Chlorooctane	96.6 %	70-130							
Surrogate: 1-Chlorooctadecane	99.2 %	70-130							

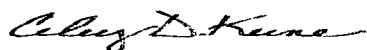
Sample ID: CELL B - T (H101582-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/01/2011	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/01/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	23.0	10.0	08/01/2011	ND	172	85.9	200	0.938	
Surrogate: 1-Chlorooctane		79.2 %	70-130						
Surrogate: 1-Chlorooctadecane		84.4 %	70-130						

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	07/29/2011	Sampling Date:	07/28/2011
Reported:	08/02/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL C - T (H101582-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/01/2011	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	196	10.0	08/02/2011	ND	172	85.9	200	0.938	

Surrogate: 1-Chlorooctane 87.7 % 70-130

Surrogate: 1-Chlorooctadecane 83.4 % 70-130

Sample ID: CELL D - T (H101582-04)

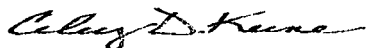
Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	11.1	10.0	08/02/2011	ND	172	85.9	200	0.938	

Surrogate: 1-Chlorooctane 84.9 % 70-130

Surrogate: 1-Chlorooctadecane 87.3 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	07/29/2011	Sampling Date:	07/28/2011
Reported:	08/02/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL E - T (H101582-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	325	10.0	08/02/2011	ND	172	85.9	200	0.938	
Surrogate: 1-Chlorooctane	80.5 %	70-130							
Surrogate: 1-Chlorooctadecane	82.9 %	70-130							

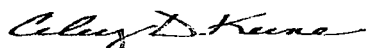
Sample ID: CELL F - T (H101582-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/01/2011	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	202	10.0	08/02/2011	ND	172	85.9	200	0.938	
Surrogate: 1-Chlorooctane	84.8 %	70-130							
Surrogate: 1-Chlorooctadecane	86.6 %	70-130							

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	07/29/2011	Sampling Date:	07/28/2011
Reported:	08/02/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL G - T (H101582-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	103	10.0	08/02/2011	ND	172	85.9	200	0.938	
Surrogate: 1-Chlorooctane	79.0 %	70-130							
Surrogate: 1-Chlorooctadecane	70.9 %	70-130							

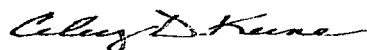
Sample ID: CELL H- T (H101582-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	349	10.0	08/02/2011	ND	172	85.9	200	0.938	
Surrogate: 1-Chlorooctane	80.4 %	70-130							
Surrogate: 1-Chlorooctadecane	85.0 %	70-130							

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	07/29/2011	Sampling Date:	07/28/2011
Reported:	08/02/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL I- T (H101582-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	12.3	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	1560	10.0	08/02/2011	ND	172	85.9	200	0.938	
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Surrogate: 1-Chlorooctane	82.1 %	70-130							
Surrogate: 1-Chlorooctadecane	88.7 %	70-130							

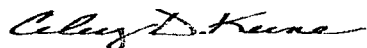
Sample ID: CELL J- T (H101582-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/01/2011	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	435	10.0	08/02/2011	ND	172	85.9	200	0.938	
<hr/>									
Surrogate: 1-Chlorooctane	77.5 %	70-130							
Surrogate: 1-Chlorooctadecane	73.3 %	70-130							

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	07/29/2011	Sampling Date:	07/28/2011
Reported:	08/02/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL K- T (H101582-11)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/01/2011	ND	432	108	400	3.64	
TPH 8015M	mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	345	10.0	08/02/2011	ND	172	85.9	200	0.938	

Surrogate: 1-Chlorooctane 80.2 % 70-130

Surrogate: 1-Chlorooctadecane 81.2 % 70-130

Sample ID: CELL L- T (H101582-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	1620	50.0	08/02/2011	ND	172	85.9	200	0.938	

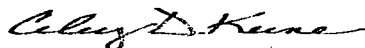
Surrogate: 1-Chlorooctane 78.2 % 70-130

Surrogate: 1-Chlorooctadecane 83.5 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	07/29/2011	Sampling Date:	07/28/2011
Reported:	08/02/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

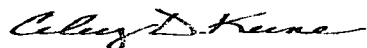
Sample ID: CELL M- T (H101582-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	648	10.0	08/02/2011	ND	172	85.9	200	0.938	
Surrogate: 1-Chlorooctane		87.6 %	70-130						
Surrogate: 1-Chlorooctadecane		92.3 %	70-130						

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* = Accredited Analyte

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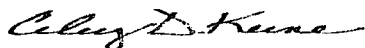
Celey D. Keene, Lab Director/Quality Manager

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



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX. 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Eddie Seay Consulting</u>		BILL TO		ANALYSIS REQUEST											
Project Manager: <u>Eddie Seay</u>		P.O. #:		<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (GAS)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> </div>											
Address: <u>401 W. Illinois</u>		Company:													
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88242</u>		Attn: <u>[Signature]</u>													
Phone #: <u>2-2236</u> Fax #: <u>2-6949</u>		Address: <u>[Signature]</u>													
Project #: <u>C+C Landform</u> Project Owner: <u>J. Cooper</u>		City: <u>[Signature]</u>													
Project Name: <u>C+C Landforms NM. 01. 0012</u>		State: Zip:													
Project Location: <u>Monument N.M. Sect 3</u>		Phone #:													
Sampler Name: <u>Eddie Seay (Treatment Zone)</u>		Fax #:													

FOR LAB USE ONLY		(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						PRESERV		SAMPLING		DATE	TIME	TPH (GAS)	Chloride
Lab I.D.	Sample I.D.			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER					
HID1582																	
-1	Cell A-T	✓	1			✓				✓				7/28	6:45	✓	✓
2	Cell B-T	✓	1			✓				✓				7/28	7:10	✓	✓
3	Cell C-T	✓	1			✓				✓				7/28	7:40	✓	✓
4	Cell D-T	✓	1			✓				✓				7/28	8:00	✓	✓
5	Cell E-T	✓	1			✓				✓				7/28	8:25	✓	✓
6	Cell F-T	✓	1			✓				✓				7/28	9:15	✓	✓
7	Cell G-T	✓	1			✓				✓				7/28	9:45	✓	✓
8	Cell H-T	✓	1			✓				✓				7/28	10:30	✓	✓
9	Cell I-T	✓	1			✓				✓				7/28	11:20	✓	✓
10	Cell J-T	✓	1			✓				✓				7/28	12:00	✓	✓

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Relinquished By: <u>Eddie W Seay</u>	Date: <u>7/29</u>	Received By: <u>[Signature]</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: <u>2:20</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <u>2°</u>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <u>[Signature]</u>

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#26



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2014

Company Name: <u>Eddie Seay Consulting</u>		BILL TO		ANALYSIS REQUEST																								
Project Manager: <u>Eddie Seay</u>		P.O. #:		<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 10px;">TPH-8015</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 10px;">Columbo</div> </div>																								
Address: <u>601 W Illinois</u>		Company:																										
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88242</u>		Attn: <u>[Signature]</u>																										
Phone #: <u>2-2236</u> Fax #: <u>2-6849</u>		Address: <u>[Signature]</u>																										
Project #: <u>C+C Landform</u> Project Owner: <u>J. Cooper</u>		City:																										
Project Name: <u>C+C Landform (NM 0312)</u>		State: Zip:																										
Project Location: <u>Monument N.M. Sect 3 (Treatment Zone)</u>		Phone #:																										
Sampler Name: <u>Eddie Seay</u>		Fax #:																										
FOR LAB USE ONLY																												
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX				PRESERV.	SAMPLING																			
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME														
H101582																												
	11 Cell K-T	✓	1			✓				✓			7/28	12:45	✓	✓												
	12 Cell L-T	✓	1			✓				✓			7/28	1:10	✓	✓												
	13 Cell M-T	✓	1			✓				✓			7/28	1:45	✓	✓												

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Relinquished By: <u>[Signature]</u>	Date: <u>7/28</u>	Received By: <u>Jodi Newson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>2:20</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)		Sample Condition	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	<u>[Signature]</u>	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

August 03, 2011

Eddie Seay

Eddie Seay Consulting

601 W. Illinois

Hobbs, NM 88242

RE: C & C LANDFARM - VADOSE ZONE

Enclosed are the results of analyses for samples received by the laboratory on 07/29/11 14:20.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

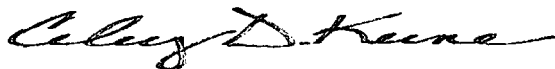
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (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:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 07/29/2011
Reported: 08/03/2011
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: C & C LANDFARM
Project Location: MONUMENT, NM

Sampling Date: 07/28/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL A - V (H101583-01)

BTEX 8021B			mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/02/2011	ND	1.74	87.2	2.00	5.01		
Toluene*	<0.050	0.050	08/02/2011	ND	1.69	84.7	2.00	3.92		
Ethylbenzene*	<0.050	0.050	08/02/2011	ND	1.73	86.6	2.00	3.31		
Total Xylenes*	<0.150	0.150	08/02/2011	ND	5.20	86.7	6.00	3.03		

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: ab					

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	<10.0	10.0	08/02/2011	ND	172	85.9	200	0.938	

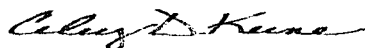
Surrogate: 1-Chlorooctane 80.5 % 70-130

Surrogate: 1-Chlorooctadecane 74.0 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 07/29/2011
Reported: 08/03/2011
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: C & C LANDFARM
Project Location: MONUMENT, NM

Sampling Date: 07/28/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL B- V (H101583-02)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2011	ND	1.74	87.2	2.00	5.01	
Toluene*	<0.050	0.050	08/01/2011	ND	1.69	84.7	2.00	3.92	
Ethylbenzene*	<0.050	0.050	08/01/2011	ND	1.73	86.6	2.00	3.31	
Total Xylenes*	<0.150	0.150	08/01/2011	ND	5.20	86.7	6.00	3.03	

Surrogate: 4-Bromofluorobenzene (PIL) 99.7 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	432	108	400	3.64	


TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	<10.0	10.0	08/02/2011	ND	172	85.9	200	0.938	

Surrogate: 1-Chlorooctane 86.1 % 70-130

Surrogate: 1-Chlorooctadecane 91.8 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 07/29/2011
Reported: 08/03/2011
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: C & C LANDFARM
Project Location: MONUMENT, NM

Sampling Date: 07/28/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL C- V (H101583-03)

BTX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2011	ND	1.74	87.2	2.00	5.01	
Toluene*	<0.050	0.050	08/01/2011	ND	1.69	84.7	2.00	3.92	
Ethylbenzene*	<0.050	0.050	08/01/2011	ND	1.73	86.6	2.00	3.31	
Total Xylenes*	<0.150	0.150	08/01/2011	ND	5.20	86.7	6.00	3.03	

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	<10.0	10.0	08/02/2011	ND	172	85.9	200	0.938	

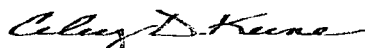
Surrogate: 1-Chlorooctane 87.6 % 70-130

Surrogate: 1-Chlorooctadecane 91.6 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 07/29/2011
Reported: 08/03/2011
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: C & C LANDFARM
Project Location: MONUMENT, NM

Sampling Date: 07/28/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL D- V (H101583-04)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2011	ND	1.74	87.2	2.00	5.01	
Toluene*	<0.050	0.050	08/01/2011	ND	1.69	84.7	2.00	3.92	
Ethylbenzene*	<0.050	0.050	08/01/2011	ND	1.73	86.6	2.00	3.31	
Total Xylenes*	<0.150	0.150	08/01/2011	ND	5.20	86.7	6.00	3.03	

Surrogate: 4-Bromofluorobenzene (PIL) 99.2 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	<10.0	10.0	08/02/2011	ND	172	85.9	200	0.938	

Surrogate: 1-Chlorooctane 72.0 % 70-130

Surrogate: 1-Chlorooctadecane 73.3 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	07/29/2011	Sampling Date:	07/28/2011
Reported:	08/03/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - VADOSE ZONE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL E- V (H101583-05)

BTEX 80218		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2011	ND	1.74	87.2	2.00	5.01	
Toluene*	<0.050	0.050	08/01/2011	ND	1.69	84.7	2.00	3.92	
Ethylbenzene*	<0.050	0.050	08/01/2011	ND	1.73	86.6	2.00	3.31	
Total Xylenes*	<0.150	0.150	08/01/2011	ND	5.20	86.7	6.00	3.03	

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	<10.0	10.0	08/02/2011	ND	172	85.9	200	0.938	


Surrogate: 1-Chlorooctane 87.0 % 70-130

Surrogate: 1-Chlorooctadecane 89.6 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	07/29/2011	Sampling Date:	07/29/2011
Reported:	08/03/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - VADOSE ZONE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL F - V (H101583-06)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2011	ND	1.74	87.2	2.00	5.01	
Toluene*	<0.050	0.050	08/01/2011	ND	1.69	84.7	2.00	3.92	
Ethylbenzene*	<0.050	0.050	08/01/2011	ND	1.73	86.6	2.00	3.31	
Total Xylenes*	<0.150	0.150	08/01/2011	ND	5.20	86.7	6.00	3.03	

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	185	92.5	200	0.997	
DRO >C10-C28	<10.0	10.0	08/02/2011	ND	172	85.9	200	0.938	


Surrogate: 1-Chlorooctane 87.2 % 70-130

Surrogate: 1-Chlorooctadecane 88.4 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 07/29/2011
Reported: 08/03/2011
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: C & C LANDFARM
Project Location: MONUMENT, NM

Sampling Date: 07/29/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL G - V (H101583-07)

BTEX 80218			mg/kg		Analyzed By: CMS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2011	ND	1.74	87.2	2.00	5.01	
Toluene*	<0.050	0.050	08/01/2011	ND	1.69	84.7	2.00	3.92	
Ethylbenzene*	<0.050	0.050	08/01/2011	ND	1.73	86.6	2.00	3.31	
Total Xylenes*	<0.150	0.150	08/01/2011	ND	5.20	86.7	6.00	3.03	

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 70-130

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	448	112	400	0.00	

TPH 8015M			mg/kg		Analyzed By: ab				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	169	84.5	200	5.68	
DRO >C10-C28	<10.0	10.0	08/02/2011	ND	146	73.1	200	2.09	

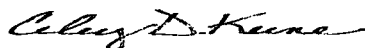
Surrogate: 1-Chlorooctane 80.2 % 70-130

Surrogate: 1-Chlorooctadecane 70.0 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	07/29/2011	Sampling Date:	07/29/2011
Reported:	08/03/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - VADOSE ZONE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL H - V (H101583-08)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2011	ND	1.74	87.2	2.00	5.01	
Toluene*	<0.050	0.050	08/01/2011	ND	1.69	84.7	2.00	3.92	
Ethylbenzene*	<0.050	0.050	08/01/2011	ND	1.73	86.6	2.00	3.31	
Total Xylenes*	<0.150	0.150	08/01/2011	ND	5.20	86.7	6.00	3.03	

Surrogate: 4-Bromofluorobenzene (PIL) 100 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	448	112	400	0.00	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	169	84.5	200	5.68	
DRO >C10-C28	<10.0	10.0	08/02/2011	ND	146	73.1	200	2.09	

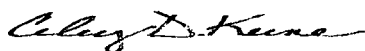
Surrogate: 1-Chlorooctane 74.3 % 70-130

Surrogate: 1-Chlorooctadecane 69.0 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 07/29/2011
Reported: 08/03/2011
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: C & C LANDFARM
Project Location: MONUMENT, NM

Sampling Date: 07/29/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL I - V (H101583-09)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2011	ND	1.74	87.2	2.00	5.01	
Toluene*	<0.050	0.050	08/01/2011	ND	1.69	84.7	2.00	3.92	
Ethylbenzene*	<0.050	0.050	08/01/2011	ND	1.73	86.6	2.00	3.31	
Total Xylenes*	<0.150	0.150	08/01/2011	ND	5.20	86.7	6.00	3.03	

Surrogate: 4-Bromofluorobenzene (PIL) 100 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	169	84.5	200	5.68	
DRO >C10-C28	<10.0	10.0	08/02/2011	ND	146	73.1	200	2.09	

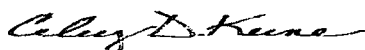
Surrogate: 1-Chlorooctane 91.4 % 70-130

Surrogate: 1-Chlorooctadecane 90.8 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	07/29/2011	Sampling Date:	07/29/2011
Reported:	08/03/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - VADOSE ZONE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL J - V (H101583-10)

BTEX 80218		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2011	ND	1.74	87.2	2.00	5.01	
Toluene*	<0.050	0.050	08/01/2011	ND	1.69	84.7	2.00	3.92	
Ethylbenzene*	<0.050	0.050	08/01/2011	ND	1.73	86.6	2.00	3.31	
Total Xylenes*	<0.150	0.150	08/01/2011	ND	5.20	86.7	6.00	3.03	

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	169	84.5	200	5.68	
DRO >C10-C28	<10.0	10.0	08/02/2011	ND	146	73.1	200	2.09	

Surrogate: 1-Chlorooctane 84.8 % 70-130

Surrogate: 1-Chlorooctadecane 88.8 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received:	07/29/2011	Sampling Date:	07/29/2011
Reported:	08/03/2011	Sampling Type:	Soil
Project Name:	C & C LANDFARM - VADOSE ZONE	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL K - V (H101583-11)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2011	ND	1.74	87.2	2.00	5.01	
Toluene*	<0.050	0.050	08/01/2011	ND	1.69	84.7	2.00	3.92	
Ethylbenzene*	<0.050	0.050	08/01/2011	ND	1.73	86.6	2.00	3.31	
Total Xylenes*	<0.150	0.150	08/01/2011	ND	5.20	86.7	6.00	3.03	

Surrogate: 4-Bromofluorobenzene (PIL) 99.0 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	169	84.5	200	5.68	
DRO >C10-C28	<10.0	10.0	08/02/2011	ND	146	73.1	200	2.09	

Surrogate: 1-Chlorooctane 84.9 % 70-130

Surrogate: 1-Chlorooctadecane 87.8 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 07/29/2011
Reported: 08/03/2011
Project Name: C & C LANDFARM - VADOSE ZONE
Project Number: C & C LANDFARM
Project Location: MONUMENT, NM

Sampling Date: 07/29/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL L - V (H101583-12)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2011	ND	1.74	87.2	2.00	5.01	
Toluene*	<0.050	0.050	08/01/2011	ND	1.69	84.7	2.00	3.92	
Ethylbenzene*	<0.050	0.050	08/01/2011	ND	1.73	86.6	2.00	3.31	
Total Xylenes*	<0.150	0.150	08/01/2011	ND	5.20	86.7	6.00	3.03	

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	169	84.5	200	5.68	
DRO >C10-C28	<10.0	10.0	08/02/2011	ND	146	73.1	200	2.09	

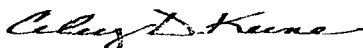
Surrogate: 1-Chlorooctane 91.7 % 70-130

Surrogate: 1-Chlorooctadecane 94.3 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Eddie Seay Consulting
 Eddie Seay
 601 W. Illinois
 Hobbs NM, 88242
 Fax To: (505) 392-6949

 Received: 07/29/2011
 Reported: 08/03/2011
 Project Name: C & C LANDFARM - VADOSE ZONE
 Project Number: C & C LANDFARM
 Project Location: MONUMENT, NM

 Sampling Date: 07/29/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL M - V (H101583-13)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2011	ND	1.74	87.2	2.00	5.01	
Toluene*	<0.050	0.050	08/01/2011	ND	1.69	84.7	2.00	3.92	
Ethylbenzene*	<0.050	0.050	08/01/2011	ND	1.73	86.6	2.00	3.31	
Total Xylenes*	<0.150	0.150	08/01/2011	ND	5.20	86.7	6.00	3.03	

Surrogate: 4-Bromofluorobenzene (PIL) 99.0 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2011	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/02/2011	ND	169	84.5	200	5.68	
DRO >C10-C28	<10.0	10.0	08/02/2011	ND	146	73.1	200	2.09	


Surrogate: 1-Chlorooctane 78.5 % 70-130

Surrogate: 1-Chlorooctadecane 70.4 % 70-130

Cardinal Laboratories

* = Accredited Analyte

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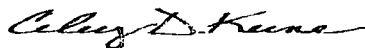
Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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

Cardinal Laboratories***=Accredited Analyte**

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Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>Eddie Seay Consulting</u>				BILL TO				ANALYSIS REQUEST																																	
Project Manager: <u>Eddie W Seay</u>				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div>STEX</div> <div>TPH (2015)</div> <div>Chloride</div> </div>																																	
Address: <u>601 W Illinois</u>				Company:																																					
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88242</u>				Attn:																																					
Phone #: <u>2-2234</u> Fax #: <u>2-6949</u>				Address:																																					
Project #: <u>66C Landform</u> Project Owner: <u>J. Cooper</u>				City:																																					
Project Name: <u>66C Landform (NM 2012) Valrose</u>				State: <u>NM</u> Zip: <u>88242</u>																																					
Project Location: <u>Monument N.M. Sect 3</u>				Phone #:																																					
Sampler Name: <u>Eddie Seay</u>				Fax #:																																					
FOR LAB USE ONLY																																									
Lab I.D.		Sample I.D.		(GRAB OR COMPOSITE)		CONTAINERS														MATRIX		PRESERV		SAMPLING																	
								GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER		ACID/BASE		ICE / COOL		OTHER		DATE		TIME													
1101583		Cell A-V		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		7/28		8:10		✓											
		Cell B-V		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		7/29		4:00		✓											
		Cell C-V		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		7/29		4:40		✓											
		Cell D-V		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		7/28		5:30		✓											
		Cell E-V		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		7/28		6:10		✓											
		Cell F-V		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		7/29		7:30		✓											
		Cell G-V		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		7/29		8:20		✓											
		Cell H-V		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		7/29		9:00		✓											
		Cell I-V		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		7/29		9:45		✓											
		Cell J-V		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		7/29		10:20		✓											

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Relinquished By: <u>Eddie Seay</u>	Date: <u>7/29</u>	Received By: <u>Adi Benson</u>	Phone Result: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: <u>2:20</u>	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
	Date:		REMARKS:	
	Time:			

Delivered By: (Circle One)	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - Other:	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)
	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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[illegible]

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