

C & C LANDFARM

NM-01-0012

BI-ANNUAL SAMPLING

JULY 2012

August 27, 2012

RECEIVED

2012 AUG 31 11:11:59

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
Cells E, B and D

Mr. Jones:

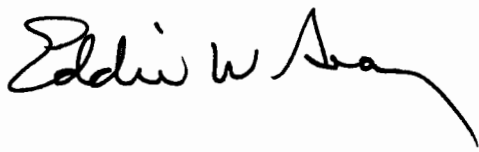
Find enclosed a copy of the bi-annual sampling for C & C Landfarm, Treatment zone samples, Vadose zone sampling and three cells for the five year monitoring.

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,



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

cc: C & C Landfarm

July 23, 2012

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 07/19/12 8:30.

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.

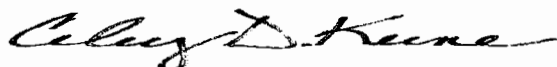
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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: 07/19/2012
Reported: 07/23/2012
Project Name: C & C LANDFARM
Project Number: C & C LANDFARM
Project Location: MONUMENT, NM

Sampling Date: 07/18/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL A - T (H201650-01)

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	07/20/2012	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	07/19/2012	ND	194	97.1	200	12.9	
DRO >C10-C28	286	10.0	07/19/2012	ND	201	100	200	10.1	

Surrogate: 1-Chlorooctane 84.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 113 % 63.6-154

Sample ID: CELL B - T (H201650-02)

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	07/20/2012	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	07/19/2012	ND	194	97.1	200	12.9	
DRO >C10-C28	249	10.0	07/19/2012	ND	201	100	200	10.1	

Surrogate: 1-Chlorooctane 81.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 109 % 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: 07/19/2012
Reported: 07/23/2012
Project Name: C & C LANDFARM
Project Number: C & C LANDFARM
Project Location: MONUMENT, NM

Sampling Date: 07/18/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL C - T (H201650-03)

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	07/20/2012	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	07/19/2012	ND	194	97.1	200	12.9	
DRO >C10-C28	34.4	10.0	07/19/2012	ND	201	100	200	10.1	

Surrogate: 1-Chlorooctane 78.8 % 65.2-140
Surrogate: 1-Chlorooctadecane 103 % 63.6-154

Sample ID: CELL D - T (H201650-04)

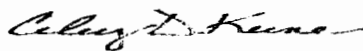
Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2012	ND	432	108	400	3.77	
TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/19/2012	ND	194	97.1	200	12.9	
DRO >C10-C28	123	10.0	07/19/2012	ND	201	100	200	10.1	

Surrogate: 1-Chlorooctane 79.8 % 65.2-140
Surrogate: 1-Chlorooctadecane 103 % 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: 07/19/2012
 Reported: 07/23/2012
 Project Name: C & C LANDFARM
 Project Number: C & C LANDFARM
 Project Location: MONUMENT, NM

 Sampling Date: 07/18/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL E - T (H201650-05)

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	07/20/2012	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	07/19/2012	ND	194	97.1	200	12.9	
DRO >C10-C28	200	10.0	07/19/2012	ND	201	100	200	10.1	

Surrogate: 1-Chlorooctane 80.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 110 % 63.6-154

Sample ID: CELL F - T (H201650-06)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/20/2012	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	07/20/2012	ND	175	87.3	200	3.97	
DRO >C10-C28	121	10.0	07/20/2012	ND	174	87.2	200	0.692	

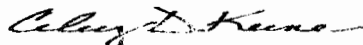
Surrogate: 1-Chlorooctane 76.0 % 65.2-140

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: 07/19/2012
 Reported: 07/23/2012
 Project Name: C & C LANDFARM
 Project Number: C & C LANDFARM
 Project Location: MONUMENT, NM

 Sampling Date: 07/18/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CELL G - T (H201650-07)

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	07/20/2012	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	07/20/2012	ND	175	87.3	200	3.97	
DRO >C10-C28	160	10.0	07/20/2012	ND	174	87.2	200	0.692	

Surrogate: 1-Chlorooctane 75.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 63.6-154

Sample ID: CELL H - T (H201650-08)

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	07/20/2012	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	07/20/2012	ND	175	87.3	200	3.97	
DRO >C10-C28	212	10.0	07/20/2012	ND	174	87.2	200	0.692	

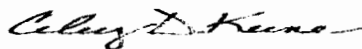
Surrogate: 1-Chlorooctane 79.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 106 % 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:	07/19/2012	Sampling Date:	07/18/2012
Reported:	07/23/2012	Sampling Type:	Soil
Project Name:	C & C LANDFARM	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL I - T (H201650-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/23/2012	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	07/20/2012	ND	175	87.3	200	3.97	
DRO >C10-C28	<10.0	10.0	07/20/2012	ND	174	87.2	200	0.692	
Surrogate: 1-Chlorooctane	81.1 %	65.2-140							
Surrogate: 1-Chlorooctadecane	106 %	63.6-154							

Sample ID: CELL J - T (H201650-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/23/2012	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	07/20/2012	ND	175	87.3	200	3.97	
DRO >C10-C28	459	10.0	07/20/2012	ND	174	87.2	200	0.692	
Surrogate: 1-Chlorooctane	77.9 %	65.2-140							
Surrogate: 1-Chlorooctadecane	107 %	63.6-154							

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Caley 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:	07/19/2012	Sampling Date:	07/18/2012
Reported:	07/23/2012	Sampling Type:	Soil
Project Name:	C & C LANDFARM	Sampling Condition:	Cool & Intact
Project Number:	C & C LANDFARM	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: CELL K - T (H201650-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/23/2012	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	07/20/2012	ND	175	87.3	200	3.97	
DRO >C10-C28	258	10.0	07/20/2012	ND	174	87.2	200	0.692	

Surrogate: 1-Chlorooctane 84.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 111 % 63.6-154

Sample ID: CELL L - T (H201650-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	07/23/2012	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	07/20/2012	ND	175	87.3	200	3.97	
DRO >C10-C28	339	10.0	07/20/2012	ND	174	87.2	200	0.692	

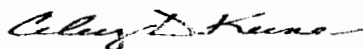
Surrogate: 1-Chlorooctane 74.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 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: 07/19/2012
Reported: 07/23/2012
Project Name: C & C LANDFARM
Project Number: C & C LANDFARM
Project Location: MONUMENT, NM

Sampling Date: 07/18/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CELL M - T (H201650-13)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/23/2012	ND	448	112	400	3.64	

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	07/20/2012	ND	175	87.3	200	3.97	
DRO >C10-C28	660	50.0	07/20/2012	ND	174	87.2	200	0.692	

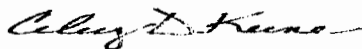
Surrogate: 1-Chlorooctane 74.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 120 % 63.6-154

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* = Accredited Analyte

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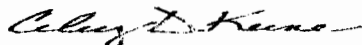
Celey D. Keene, Lab Director/Quality Manager

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

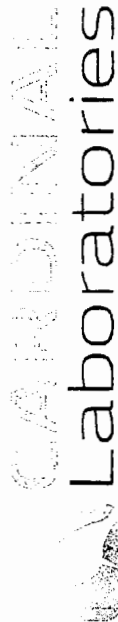
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Celey D. Keene, Lab Director/Quality Manager

1082



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 Seay Consulting		P.O. #:														
Project Manager: Eddie Seay		Company:														
Address: 601 W Hillmore		Attn: Same														
City: Hobbs		Address:														
State: NM		City:														
Zip: 88240		State:														
Phone #: 2-2234		Phone #:														
Fax #: 2-6949		Fax #:														
Project #: C+C Landfarm		Project Owner: J. Cooper														
Project Name: C+C Landfarm		NH-01-0012														
Project Location: Monument N.M. Sub 3																
Sampler Name: Eddie Seay		(Treatment Zone)														
FOR LAB USE ONLY																
Lab I.D.	Sample I.D.	MATRIX	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	PRESERV	SAMPLING	DATE	TIME	TPH (2016)	Chloride
4201650	Col A-T	(G)RAB OR (COM)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7/18	6:45	✓	✓
1	Col B-T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7/18	7:10	✓	✓
2	Col C-T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7/18	7:40	✓	✓
3	Col D-T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7/18	8:00	✓	✓
4	Col E-T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7/18	8:35	✓	✓
5	Col F-T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7/18	8:55	✓	✓
6	Col G-T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7/18	9:30	✓	✓
7	Col H-T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7/18	10:10	✓	✓
8	Col I-T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7/18	10:40	✓	✓
9	Col J-T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7/18	11:15	✓	✓

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Relinquished By: Eddie Seay	Date: 7/19	Received By: Eddie Seay	Date: 8:30
Relinquished By:	Date:	Received By:	Date:
Delivered By: (Circle One)	Sample Condition	CHECKED BY:	Time:
Sampler - UPS - Bus - Other:	Cool / Intact	(Initials)	
	Yes ☒ No ☐		

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



CARDINAL
Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

242

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

Company Name: Eddie's Soap Consulting		P.O. #: BILL TO		ANALYSIS REQUEST												
Project Manager: Eddie's Soap		Company:														
Address: 1001 W Illinois		Attn: Some														
City: Hobbs		Address:														
State: NM		City:														
Zip: 88242		State:														
Phone #: 2-2234		Fax #: 2-6949														
Project #: C+E Landform		Project Owner: J. Cooper														
Project Name: C+E Landform		State: NH. 01. 0012														
Project Location: Monument N.H. Sub 3		Phone #:														
Sample Name: Eddie's Soap (Treatment Zone)		Fax #:														
FOR LAB USE ONLY		MATRIX		PRESERV/ SAMPLING												
Lab I.D.	Sample I.D.	(G)RAB OR (C)M	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	TPH	Chlorine
H201550	CDD K-T		1										9/18	11:50		
12	CDD L-T		1										7/18	12:25		
13	CDD M-T		1										7/18	12:40		

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Relinquished By: **Eddie's Soap** Date: **7/19** Received By: **Michael Henderson** Time: **8:50**

Relinquished By: **Eddie's Soap** Date: **7/19** Received By: **Michael Henderson** Time: **8:50**

Delivered By: (Circle One) **UPS** Sample Condition: **Cool** ☒ **Intact** ☐ **Yes** ☐ **No** ☐ **Yes** ☐ **No** CHECKED BY: **(Initials)**

Sampler - UPS - Bus - Other: **-20**

Phone Result: ☐ Yes ☐ No Add'l Phone #: **772**

Fax Result: ☐ Yes ☐ No Add'l Fax #: **772**

REMARKS:



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

August 20, 2012

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 07/20/12 15:10.

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	Halooacetic Acids (HAA-5)
Method EPA 524.2	Total Tnhalomethanes (TTHM)
Method EPA 524.4	Reguiated 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

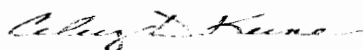
 Reported:
 20-Aug-12 14:38

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CELL A - V	H201684-01	Soil	19-Jul-12 10:30	20-Jul-12 15:10
CELL C - V	H201684-02	Soil	19-Jul-12 11:40	20-Jul-12 15:10
CELL F - V	H201684-03	Soil	19-Jul-12 12:55	20-Jul-12 15:10
CELL G - V	H201684-04	Soil	19-Jul-12 15:15	20-Jul-12 15:10
CELL H - V	H201684-05	Soil	19-Jul-12 16:05	20-Jul-12 15:10
CELL I - V	H201684-06	Soil	19-Jul-12 17:00	20-Jul-12 15:10
CELL J - V	H201684-07	Soil	20-Jul-12 07:15	20-Jul-12 15:10
CELL K - V	H201684-08	Soil	20-Jul-12 08:05	20-Jul-12 15:10
CELL L - V	H201684-09	Soil	20-Jul-12 09:30	20-Jul-12 15:10
CELL M - V	H201684-10	Soil	20-Jul-12 10:40	20-Jul-12 15:10

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:
 20-Aug-12 14:38

CELL A - V
H201684-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories									
Total Metals									
Arsenic	ND	10.0 mg/kg dry wt.		100	2082011	CK	15-Aug-12	6010B	GAL
Barium	15.1	1.00 mg/kg dry wt.		100	2082011	CK	15-Aug-12	6010B	GAL
Cadmium	ND	5.00 mg/kg dry wt.		100	2082011	CK	15-Aug-12	6010B	GAL
Chromium	ND	5.00 mg/kg dry wt.		100	2082011	CK	15-Aug-12	6010B	GAL
Lead	ND	10.0 mg/kg dry wt.		100	2082011	CK	15-Aug-12	6010B	GAL
Mercury	ND	0.098 mg/kg dry wt.		450	2082010	CK	14-Aug-12	7471A	GAL
Selenium	ND	20.0 mg/kg dry wt.		100	2082011	CK	15-Aug-12	6010B	GAL
Silver	ND	5.00 mg/kg dry wt.		100	2082011	CK	15-Aug-12	6010B	GAL
Inorganic Compounds									
% Solids	100		%	4	2072513	CK	14-Aug-12	102216	GAL
Chloride	ND	16.0	mg/kg	4	2072511	HM	25-Jul-12	4500-Cl-B	
Organic Compounds									
GRO C6-C10	ND	10.0	mg/kg	1	2072504	MS	25-Jul-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2072504	MS	25-Jul-12	8015M	
Surrogate: 1-Chlorooctane		79.2 %	65.2-140		2072504	MS	25-Jul-12	8015M	
Surrogate: 1-Chlorooctadecane		103 %	63.6-154		2072504	MS	25-Jul-12	8015M	
Volatile Organic Compounds by EPA Method 8021									
Benzene*	ND	0.050	mg/kg	50	2072503	AP	26-Jul-12	8021B	
Toluene*	ND	0.050	mg/kg	50	2072503	AP	26-Jul-12	8021B	
Ethylbenzene*	ND	0.050	mg/kg	50	2072503	AP	26-Jul-12	8021B	
Total Xylenes*	ND	0.150	mg/kg	50	2072503	AP	26-Jul-12	8021B	
Surrogate: 4-Bromofluorobenzene (P11)		102 %	89.4-126		2072503	AP	26-Jul-12	8021B	

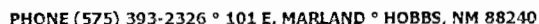
Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



Project: C & C LANDFARM (NM-01-0012) V4
Project Number: C & C LANDFARM
Project Manager: Eddie Seay
Fax To: (505) 392-6949

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

Arsenic	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Barium	11.2	1.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Cadmium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Chromium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Lead	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Mercury	ND	0.097 mg/kg dry wt.	485	2082010	CK	14-Aug-12	7471A	GAL
Selenium	ND	20.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Silver	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL

% Solids	100	%	4	2082013	CK	14-Aug-12	D2216	GAL
Chloride	ND	16.0 mg/kg	4	2072511	HM	25-Jul-12	4500-CL-B	

GRO C6-C10	ND	10.0	mg/kg	1	2072504	MS	25-Jul-12	8015M
DRO >C10-C28	ND	10.0	mg/kg	1	2072504	MS	25-Jul-12	8015M
Surrogate: 1-Chlorooctane		86.3 %	65.2-140		2072504	MS	25-Jul-12	8015M
Surrogate: 1-Chlorooctadecane		106 %	63.6-154		2072504	MS	25-Jul-12	8015M

Benzene*	ND	0.050	mg/kg	50	2072503	AP	27-Jul-12	8021B
Toluene*	ND	0.050	mg/kg	50	2072503	AP	27-Jul-12	8021B
Ethylbenzene*	ND	0.050	mg/kg	50	2072503	AP	27-Jul-12	8021B
Total Xylenes*	ND	0.150	mg/kg	50	2072503	AP	27-Jul-12	8021B
Surrogate: 4-Bromofluorobenzene (PBB)		104 %		89.4-126	2072503	AP	27-Jul-12	8021B

[illegible]

Page 4 of 21

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:
 20-Aug-12 14:38

CELL F - V
H201684-03 (Soil)

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

Arsenic	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Barium	42.6	1.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Cadmium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Chromium	8.87	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Lead	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Mercury	ND	0.097 mg/kg dry wt.	485	2082010	CK	14-Aug-12	7471A	GAL
Selenium	ND	20.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Silver	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL

Inorganic Compounds

% Solids	100	%	4	2082013	CK	14-Aug-12	D2216	GAL
Chloride	ND	16.0 mg/kg	4	2072511	HM	25-Jul-12	4500-Cl-B	

Organic Compounds

GRO C6-C10	ND	10.0 mg/kg	1	2072504	MS	25-Jul-12	8015M	
DRO >C10 C28	ND	10.0 mg/kg	1	2072504	MS	25-Jul-12	8015M	
Surrogate: 1-Chlorooctane	91.0 %	65.2-140	2072504	MS	25-Jul-12	8015M		
Surrogate: 1-Chlorooctadecane	109 %	63.6-154	2072504	MS	25-Jul-12	8015M		

Volatile Organic Compounds by EPA Method 8021

Benzene*	ND	0.050 mg/kg	50	2072503	AP	27-Jul-12	8021B	
Toluene*	ND	0.050 mg/kg	50	2072503	AP	27-Jul-12	8021B	
Ethylbenzene*	ND	0.050 mg/kg	50	2072503	AP	27-Jul-12	8021B	
Total Nylenes*	ND	0.150 mg/kg	50	2072503	AP	27-Jul-12	8021B	
Surrogate: 4-Bromofluorobenzene (P111)	105 %	89.4-126	2072503	AP	27-Jul-12	8021B		

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:
 20-Aug-12 14:38

CELL G - V
H201684-04 (Soil)

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

Arsenic	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Barium	15.3	1.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Cadmium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Chromium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Lead	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Mercury	ND	0.099 mg/kg dry wt.	495	2082010	CK	14-Aug-12	7471A	GAL
Selenium	ND	20.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Silver	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL

Inorganic Compounds

% Solids	100	%	4	2082013	CK	14-Aug-12	D2216	GAL
Chloride	16.0	16.0 mg/kg	4	2072511	HM	25-Jul-12	4500-Cl-B	

Organic Compounds

GRO C6-C10	ND	10.0 mg/kg	1	2072506	MS	25-Jul-12	8015M	
DRO >C10-C28	ND	10.0 mg/kg	1	2072506	MS	25-Jul-12	8015M	
Surrogate: 1-Chlorooctane	83.1 %	65.2-140	2072506	MS	25-Jul-12	8015M		
Surrogate: 1-Chlorooctadecane	106 %	63.6-154	2072506	MS	25-Jul-12	8015M		

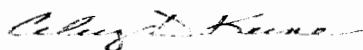
Volatile Organic Compounds by EPA Method 8021

Benzene*	ND	0.050 mg/kg	50	2072503	AP	27-Jul-12	8021B	
Toluene*	ND	0.050 mg/kg	50	2072503	AP	27-Jul-12	8021B	
Ethylbenzene*	ND	0.050 mg/kg	50	2072503	AP	27-Jul-12	8021B	
Total Nylenes*	ND	0.150 mg/kg	50	2072503	AP	27-Jul-12	8021B	
Surrogate: 4-Bromofluorobenzene (P11)	106 %	89.4-126	2072503	AP	27-Jul-12	8021B		

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:
 20-Aug-12 14:38

CELL H - V
H201684-05 (Soil)

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

Arsenic	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Barium	7.72	1.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Cadmium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Chromium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Lead	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Mercury	ND	0.099 mg/kg dry wt.	495	2082011	CK	14-Aug-12	7471A	GAL
Selenium	ND	20.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Silver	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL

Inorganic Compounds

% Solids	100		%	4	2082013	CK	14-Aug-12	D2216	GAL
Chloride	32.0	16.0	mg/kg	4	2072511	HM	25-Jul-12	4500-Cl-B	

Organic Compounds

GRO C6-C10	ND	10.0	mg/kg	1	2072506	MS	25-Jul-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2072506	MS	25-Jul-12	8015M	
Surrogate: 1-Chlorooctane		79.7 %	65.2-140	2072506	MS	25-Jul-12	8015M		
Surrogate: 1-Chlorooctadecane		102 %	63.6-154	2072506	MS	25-Jul-12	8015M		

Volatile Organic Compounds by EPA Method 8021

Benzene*	ND	0.050	mg/kg	50	2072503	AP	27-Jul-12	8021B	
Toluene*	ND	0.050	mg/kg	50	2072503	AP	27-Jul-12	8021B	
Ethylbenzene*	ND	0.050	mg/kg	50	2072503	AP	27-Jul-12	8021B	
Total Xylenes*	ND	0.150	mg/kg	50	2072503	AP	27-Jul-12	8021B	
Surrogate: 4-Bromofluorobenzene (P1D)		105 %	89.4-126	2072503	AP	27-Jul-12	8021B		

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:
 20-Aug-12 14:38

CELL 1 - V
H201684-06 (Soil)

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

Cardinal Laboratories
Total Metals

Arsenic	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Barium	96.5	1.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Cadmium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Chromium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Lead	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Mercury	ND	0.096 mg/kg dry wt.	481	2082010	CK	14-Aug-12	7471A	GAL
Selenium	ND	20.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Silver	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL

Inorganic Compounds

% Solids	100	%	4	2082013	CK	14-Aug-12	D2216	GAL
Chloride	ND	16.0 mg/kg	4	2072511	HM	25-Jul-12	4500-Cl-B	

Organic Compounds

GRO C6-C10	ND	10.0 mg/kg	1	2072506	MS	25-Jul-12	8015M	
DRO >C10-C28	ND	10.0 mg/kg	1	2072506	MS	25-Jul-12	8015M	
Surrogate: 1-Chlorooctane	83.2 %	65.2-140		2072506	MS	25-Jul-12	8015M	
Surrogate: 1-Chlorooctadecane	103 %	63.6-154		2072506	MS	25-Jul-12	8015M	

Volatile Organic Compounds by EPA Method 8021

Benzene*	ND	0.050 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Toluene*	ND	0.050 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Ethylbenzene*	ND	0.050 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Total Xylenes*	ND	0.150 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	108 %	89.4-126		2072606	AP	27-Jul-12	8021B	

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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:
 20-Aug-12 14:38

CELL J - V
H201684-07 (Soil)

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

Arsenic	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Barium	16.2	1.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Cadmium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Chromium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Lead	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Mercury	ND	0.099 mg/kg dry wt.	495	2082010	CK	14-Aug-12	7471A	GAL
Selenium	ND	20.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Silver	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL

Inorganic Compounds

% Solids	100	%	4	2082013	CK	14-Aug-12	D2216	GAL
Chloride	ND	16.0 mg/kg	4	2072511	HM	25-Jul-12	4500-Cl-B	

Organic Compounds

GRO C6-C10	ND	10.0 mg/kg	1	2072506	MS	25-Jul-12	8015M	
DRO >C10-C28	ND	10.0 mg/kg	1	2072506	MS	25-Jul-12	8015M	
Surrogate: 1-Chlorooctane	85.5 %	65.2-140	2072506	MS	25-Jul-12	8015M		
Surrogate: 1-Chlorooctadecane	107 %	63.6-154	2072506	MS	25-Jul-12	8015M		

Volatile Organic Compounds by EPA Method 8021

Benzene*	ND	0.050 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Toluene*	ND	0.050 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Ethylbenzene*	ND	0.050 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Total Xylenes*	ND	0.150 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Surrogate: 4-Bromofluorobenzene (PIL)	104 %	89.4-126	2072606	AP	27-Jul-12	8021B		

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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:
 20-Aug-12 14:38

CELL K - V
H201684-08 (Soil)

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

Arsenic	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Barium	19.5	1.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Cadmium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Chromium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Lead	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Mercury	ND	0.095 mg/kg dry wt.	476	2082010	CK	14-Aug-12	7471A	GAL
Selenium	ND	20.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Silver	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL

Inorganic Compounds

% Solids	100	%	4	2082013	CK	14-Aug-12	D2216	GAL
Chloride	ND	16.0 mg/kg	4	2072511	HM	25-Jul-12	4500-Cl-B	

Organic Compounds

GRO C6-C10	ND	10.0 mg/kg	1	2072506	MS	26-Jul-12	8015M	
DRO >C10-C28	ND	10.0 mg/kg	1	2072506	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctane	83.1 %	65.2-140	2072506	MS	26-Jul-12	8015M		
Surrogate: 1-Chlorooctadecane	104 %	63.6-154	2072506	MS	26-Jul-12	8015M		

Volatile Organic Compounds by EPA Method 8021

Benzene*	ND	0.050 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Toluene*	ND	0.050 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Ethylbenzene*	ND	0.050 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Total Xylenes*	ND	0.150 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Surrogate: 4-Bromofluorobenzene (P1D)	106 %	89.4-126	2072606	AP	27-Jul-12	8021B		

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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:
20-Aug-12 14:38

CELL L - V
H201684-09 (Soil)

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

Arsenic	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Barium	42.6	1.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Cadmium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Chromium	8.03	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Lead	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Mercury	ND	0.099 mg/kg dry wt.	495	2082010	CK	14-Aug-12	7471A	GAL
Selenium	ND	20.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Silver	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL

Inorganic Compounds

% Solids	100	%	4	2082013	CK	14-Aug-12	D2216	GAL
Chloride	ND	16.0 mg/kg	4	2072511	HM	25-Jul-12	4500-Cl-B	

Organic Compounds

GRO C6-C10	ND	10.0 mg/kg	1	2072506	MS	26-Jul-12	8015M	
DRO >C10-C28	ND	10.0 mg/kg	1	2072506	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctane	77.6 %	65.2-140	2072506	MS	26-Jul-12	8015M		
Surrogate: 1-Chlorooctadecane	101 %	63.6-154	2072506	MS	26-Jul-12	8015M		

Volatile Organic Compounds by EPA Method 8021

Benzene*	ND	0.050 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Toluene*	ND	0.050 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Ethylbenzene*	ND	0.050 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Total Xylenes*	ND	0.150 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Surrogate: 4-Bromofluorobenzene (P1D)	104 %	89.4-126	2072606	AP	27-Jul-12	8021B		

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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:
 20-Aug-12 14:38

CELL M - V
H201684-10 (Soil)

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

Arsenic	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Barium	40.7	1.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Cadmium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Chromium	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Lead	ND	10.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Mercury	ND	0.098 mg/kg dry wt.	450	2082010	CK	14-Aug-12	7471A	GAL
Selenium	ND	20.0 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL
Silver	ND	5.00 mg/kg dry wt.	100	2082011	CK	15-Aug-12	6010B	GAL

Inorganic Compounds

% Solids	100	%	4	2082013	CK	14-Aug-12	D2216	GAL
Chloride	ND	16.0 mg/kg	4	2072511	HM	25-Jul-12	4500-Cl-B	

Organic Compounds

GRO C6-C10	ND	10.0 mg/kg	1	2072506	MS	26-Jul-12	8015M	
DRO >C10-C28	ND	10.0 mg/kg	1	2072506	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctane	85.8 %	65.2-140	2072506	MS	26-Jul-12	8015M		
Surrogate: 1-Chlorooctadecane	108 %	63.6-154	2072506	MS	26-Jul-12	8015M		

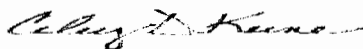
Volatile Organic Compounds by EPA Method 8021

Benzene*	ND	0.050 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Toluene*	ND	0.050 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Ethylbenzene*	ND	0.050 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Total Xylenes*	ND	0.150 mg/kg	50	2072606	AP	27-Jul-12	8021B	
Surrogate: 4-Bromofluorobenzene (P1D)	104 %	89.4-126	2072606	AP	27-Jul-12	8021B		

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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:
20-Aug-12 14:38

Mercury (Total) by CVAA - 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 2082010 - EPA 7471

Blank (2082010-BLK1)

Prepared & Analyzed: 14-Aug-12

Mercury	ND	0.100	mg/kg dry wt.
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LCS (2082010-BSD1)

Prepared & Analyzed: 14-Aug-12

Mercury	1.00		mg/kg	1.00	100	85-115
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LCS Dup (2082010-BSD1)

Prepared & Analyzed: 14-Aug-12

Mercury	1.00		mg/kg	1.00	100	85-115	0.00	20
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Batch 2082011 - EPA 3050

Blank (2082011-BLK1)

Prepared: 13-Aug-12 Analyzed: 15-Aug-12

Lead	ND	10.0	mg/kg dry wt.
Barium	ND	1.00	mg/kg dry wt.
Arsenic	ND	10.0	mg/kg dry wt.
Silver	ND	5.00	mg/kg dry wt.
Cadmium	ND	5.00	mg/kg dry wt.
Selenium	ND	20.0	mg/kg dry wt.
Chromium	ND	5.00	mg/kg dry wt.

LCS (2082011-BSD1)

Prepared: 13-Aug-12 Analyzed: 15-Aug-12

Arsenic	3.62		mg/kg	4.00	90.5	85-115
Lead	1.88		mg/kg	2.00	94.0	85-115
Chromium	1.89		mg/kg	2.00	94.5	85-115
Silver	0.095		mg/kg	0.100	95.0	85-115
Barium	1.82		mg/kg	2.00	91.0	85-115
Cadmium	1.83		mg/kg	2.00	91.5	85-115
Selenium	7.46		mg/kg	8.00	93.2	85-115

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Celestine 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:
 20-Aug-12 14:38

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 2082011 - EPA 3050
I.C.S Dup (2082011-BSD1)

Prepared: 13-Aug-12 Analyzed: 15-Aug-12

Silver	0.094		mg/kg	0.100		94.0	85-115	1.06	20	
Chromium	1.90		mg/kg	2.00		95.0	85-115	0.528	20	
Barium	1.82		mg/kg	2.00		91.0	85-115	0.00	20	
Cadmium	1.84		mg/kg	2.00		92.0	85-115	0.545	20	
Selenium	7.55		mg/kg	8.00		94.4	85-115	1.20	20	
Lead	1.91		mg/kg	2.00		95.5	85-115	1.58	20	
Arsenic	3.68		mg/kg	4.00		92.0	85-115	1.64	20	

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:
 20-Aug-12 14:38

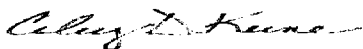
Inorganic Compounds - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2072511 - 1:4 DI Water										
Blank (2072511-BLK1)				Prepared & Analyzed: 25-Jul-12						
Chloride	ND	16.0	mg/kg							
I.C.S (2072511-BS1)				Prepared & Analyzed: 25-Jul-12						
Chloride	416	16.0	mg/kg	400		104	80-120			
I.C.S Dup (2072511-BSD1)				Prepared & Analyzed: 25-Jul-12						
Chloride	400	16.0	mg/kg	400		100	80-120	3.92	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:
20-Aug-12 14:38

Organic 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 2072504 - General Prep - Organics

Blank (2072504-BL.K1)

Prepared & Analyzed: 25-Jul-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	41.5		mg/kg	50.0		83.1	63.2-140			
Surrogate: 1-Chlorooctadecane	53.6		mg/kg	50.0		107	63.6-154			

I.C.S (2072504-BS1)

Prepared & Analyzed: 25-Jul-12

GRO C6-C10	170	10.0	mg/kg	200		85.0	66.4-124			
DRO >C10-C28	176	10.0	mg/kg	200		88.1	61.6-132			
Total TPH C6-C28	346	10.0	mg/kg	400		86.5	69.7-122			
Surrogate: 1-Chlorooctane	40.8		mg/kg	50.0		81.6	63.2-140			
Surrogate: 1-Chlorooctadecane	50.8		mg/kg	50.0		102	63.6-154			

I.C.S Dup (2072504-BSD1)

Prepared & Analyzed: 25-Jul-12

GRO C6-C10	187	10.0	mg/kg	200		93.5	66.4-124	9.55	23.4	
DRO >C10-C28	194	10.0	mg/kg	200		96.9	61.6-132	9.51	23.1	
Total TPH C6-C28	381	10.0	mg/kg	400		95.2	69.7-122	9.53	20.6	
Surrogate: 1-Chlorooctane	45.5		mg/kg	50.0		91.0	63.2-140			
Surrogate: 1-Chlorooctadecane	55.0		mg/kg	50.0		110	63.6-154			

Batch 2072506 - General Prep - Organics

Blank (2072506-BL.K1)

Prepared & Analyzed: 25-Jul-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	41.2		mg/kg	50.0		82.3	63.2-140			
Surrogate: 1-Chlorooctadecane	52.3		mg/kg	50.0		105	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:
 20-Aug-12 14:38

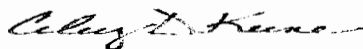
Organic Compounds - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2072506 - General Prep - Organics										
I.C.S (2072506-BS1)				Prepared & Analyzed: 25-Jul-12						
GRO C6-C10	188	10.0	mg/kg	200		94.0	66.4-124			
DRO >C10-C28	198	10.0	mg/kg	200		99.0	61.6-132			
Total TPH C6-C28	386	10.0	mg/kg	400		96.5	69.7-122			
Surrogate: 1-Chlorooctane	46.5		mg/kg	50.0		92.9	65.2-140			
Surrogate: 1-Chlorooctadecane	55.4		mg/kg	50.0		111	63.6-154			
I.C.S Dup (2072506-BS1)				Prepared & Analyzed: 25-Jul-12						
GRO C6-C10	178	10.0	mg/kg	200		88.8	66.4-124	5.62	23.4	
DRO >C10-C28	188	10.0	mg/kg	200		93.8	61.6-132	5.46	23.1	
Total TPH C6-C28	365	10.0	mg/kg	400		91.3	69.7-122	5.54	20.6	
Surrogate: 1-Chlorooctane	43.6		mg/kg	50.0		87.3	65.2-140			
Surrogate: 1-Chlorooctadecane	54.2		mg/kg	50.0		108	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:
20-Aug-12 14:38

Volatile Organic Compounds by EPA Method 8021 - 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 2072503 - Volatiles
Blank (2072503-BLK1)

Prepared: 25-Jul-12 Analyzed: 26-Jul-12

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0526		mg/kg	0.0500		105	89.4-126			

LCS (2072503-BS1)

Prepared: 25-Jul-12 Analyzed: 26-Jul-12

Benzene	2.07	0.050	mg/kg	2.00		104	80.7-116			
Toluene	2.08	0.050	mg/kg	2.00		104	89.7-121			
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	91.4-124			
Total Xylenes	6.35	0.150	mg/kg	6.00		106	93.4-130			
Surrogate: 4-Bromofluorobenzene (PID)	0.0515		mg/kg	0.0500		103	89.4-126			

LCS Dup (2072503-BS1)

Prepared: 25-Jul-12 Analyzed: 26-Jul-12

Benzene	1.87	0.050	mg/kg	2.00		93.6	80.7-116	10.2	16.4	
Toluene	1.89	0.050	mg/kg	2.00		94.6	89.7-121	9.26	16.6	
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.7	91.4-124	8.19	16.1	
Total Xylenes	5.85	0.150	mg/kg	6.00		97.5	93.4-130	8.26	15.8	
Surrogate: 4-Bromofluorobenzene (PID)	0.0515		mg/kg	0.0500		103	89.4-126			

Batch 2072606 - Volatiles
Blank (2072606-BLK1)

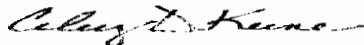
Prepared: 26-Jul-12 Analyzed: 27-Jul-12

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0522		mg/kg	0.0500		104	89.4-126			

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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:
 20-Aug-12 14:38

Volatile Organic Compounds by EPA Method 8021 - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2072606 - Volatiles
LCS (2072606-BS1)

Prepared: 26-Jul-12 Analyzed: 27-Jul-12

Benzene	1.86	0.050	mg/kg	2.00		93.1	80.7-116		
Toluene	1.88	0.050	mg/kg	2.00		93.9	89.7-121		
Ethylbenzene	1.92	0.050	mg/kg	2.00		95.8	91.4-124		
Total Xylenes	5.76	0.150	mg/kg	6.00		95.9	93.4-130		
Surrogate: 4-Bromofluorobenzene (PID)	0.0519		mg/kg	0.0500		104	89.4-126		

LCS Dup (2072606-BSD1)

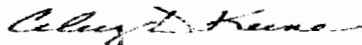
Prepared: 26-Jul-12 Analyzed: 27-Jul-12

Benzene	1.87	0.050	mg/kg	2.00		93.6	80.7-116	0.467	16.4
Toluene	1.88	0.050	mg/kg	2.00		93.9	89.7-121	0.0101	16.6
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.5	91.4-124	0.396	16.1
Total Xylenes	5.73	0.150	mg/kg	6.00		95.5	93.4-130	0.493	15.8
Surrogate: 4-Bromofluorobenzene (PID)	0.0516		mg/kg	0.0500		103	89.4-126		

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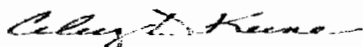
Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

CARDINAL Laboratories

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:	Project Manager:	Address:	City:	State:	Zip:	Phone #:	Fax #:	Company:	Attn:	Address:	City:	State:	Zip:	Phone #:	Fax #:		
Eddie Seay Consulting	Eddie Seay	601 W. Illinois	Hobbs	NM	88242	2-2236	2-6949										
Project #:		C+C Landform		Project Owner:		J. Cooper											
Project Name:		C+C Landform		Project Owner:		J. Cooper											
Project Location:		Monument N.M.		Sub 3-20-37													
Sampler Name:		Eddie Seay		(Vadose sample)													
Lab I.D.	Sample I.D.	FOR LAB USE ONLY	(C) GRAB OR (COMB)	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	PRESERV	SAMPLING	DATE	TIME
H221684	Cell A-															7/19	10:30
1	Cell C-															7/19	11:40
2	Cell F-															7/19	12:55
3	Cell E-															7/19	3:15
4	Cell H-															7/19	4:05
5	Cell I-															7/19	5:00
6	Cell J-															7/20	7:15
7	Cell K-															7/20	8:05
8	Cell L-															7/20	9:30
9	Cell M-															7/20	10:40

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Relinquished By:	Date: 7/20	Time: 3:10	Received By:	Date: 7/20	Time: 10:40
Eddie Seay			Eddie Seay		
Relinquished By:			Received By:		
Date: 7/20			Date: 7/20		
Time: 3:10			Time: 10:40		
Delivered By: (Circle One)			Sample Condition		
Sampler - UPS - Bus - Other:			Cool - Intact		
			Yes ☒ No ☐		
			Checked By: (Initials)		
			JCS		
			REMARKS:		
			Phone Result: ☐ Yes ☐ No ☐		
			Fax Result: ☐ Yes ☐ No ☐		
			Add'l Phone #: ☐		
			Add'l Fax #: ☐		

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



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

August 20, 2012

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 07/24/12 10:30.

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 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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

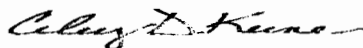
Reported:
20-Aug-12 14:07

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CELL E - 1	H201709-01	Soil	23-Jul-12 13:20	24-Jul-12 10:30
CELL E - 2	H201709-02	Soil	23-Jul-12 14:00	24-Jul-12 10:30
CELL E - 3	H201709-03	Soil	23-Jul-12 14:35	24-Jul-12 10:30
CELL E - 4	H201709-04	Soil	23-Jul-12 15:10	24-Jul-12 10:30

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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

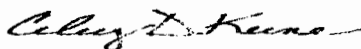
CELL E - 1
H201709-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories									
Total Metals									
Arsenic	0.574	0.050	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Barium	17.8	1.00	mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010B	GAL
Cadmium	0.101	0.0100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Chromium	1.99	0.100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Copper	0.685	0.0100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Iron	3350	5.0	mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Lead	2.20	0.05	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Manganese	37.5	0.5	mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Mercury	ND	0.096	mg/kg dry wt.	481	2082005	CK	31-Jul-12	7471A	GAL
Selenium	ND	0.100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Silver	ND	0.0100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Uranium	0.0533	0.0100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Zinc	8.5	5.0	mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Inorganic Compounds									
% Solids	100		%	1	2081705	CK	31-Jul-12	D2216	GAL
Chloride	ND	16.0	mg/kg	4	2072703	AP	27-Jul-12	4500-Cl-B	
Cyanide (total)	ND	0.250	mg/kg	50	2081706	CK	01-Aug-12	335.4	GAL
Fluoride	ND	0.800	mg/kg	4	2081706	CK	02-Aug-12	4500F C	GAL
Nitrate/Nitrite as N	3.30	0.120	mg/kg dry wt.	6	2081707	CK	02-Aug-12	353.2	GAL
Nitrite as N	0.283	0.060	mg/kg dry wt.	3	2081707	CK	02-Aug-12	353.2	GAL
pH*	8.14	0.100	pH Units	1	2072701	HM	26-Jul-12	9045	
Phenols	ND	0.5	mg/kg dry wt.	1	2082008	CK	09-Aug-12	EPA9065	GAL
Sulfate	ND	10.0	mg/kg	1	2073105	HM	31-Jul-12	375.4	

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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 Project Number: NM-01-0012 (SECT 3-20-37) Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 20-Aug-12 14:07
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CELL E - 1
H201709-01 (Soil)

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

GRO C6-C10	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctane		77.9 %	65.2-140		2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctadecane		103 %	63.6-154		2072601	MS	26-Jul-12	8015M	

Organic Compounds

PCB 1016	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1221	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1232	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1242	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1248	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1254	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1260	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
Surrogate: Tetrachloro-meta-xylene		77.1 %	35-140		2082009	CK	31-Jul-12	8082	SUB-SS

Radionuclides
SUB-RS

Radium-226	ND	1.1	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Radium-228	ND	1.3	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Total Radium	ND	1.3	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	

Volatile Organic Compounds by GCMS

Vinyl chloride*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1-Dichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Methylene chloride*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,1-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Chloroform*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Carbon tetrachloride*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,1-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Benzene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,2-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	

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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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

CELL E - 1
H201709-01 (Soil)

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

Trichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Toluene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	2072508	ms	27-Jul-12	8260	
o-Xylene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Total Xylenes*	ND	0.150	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,1,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Naphthalene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Surrogate: Dibromofluoromethane		92.8 %		70-130	2072508	ms	27-Jul-12	8260	
Surrogate: Toluene-d8		103 %		70-130	2072508	ms	27-Jul-12	8260	
Surrogate: 4-Bromofluorobenzene		90.8 %		70-130	2072508	ms	27-Jul-12	8260	

Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Acenaphthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Fluorene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Phenanthrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Carbazole	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Chrysene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	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 Project Number: NM-01-0012 (SECT 3-20-37) Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 20-Aug-12 14:07
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CELL E - 1
H201709-01 (Soil)

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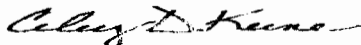
Cardinal Laboratories
Semivolatile Organic Compounds by GCMS

Benzo[b]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[a]pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Surrogate: Nitrobenzene-d5		44.1 %		35-114	2072510	CK	01-Aug-12	8270C	
Surrogate: 2-Fluorobiphenyl		56.4 %		43-116	2072510	CK	01-Aug-12	8270C	
Surrogate: Terphenyl-d14		64.4 %		33-141	2072510	CK	01-Aug-12	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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

CELL E - 2 H201709-02 (Soil)

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

Total Metals

Arsenic	0.546	0.050 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Barium	19.7	1.00 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010B	GAL
Cadmium	0.163	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Chromium	1.97	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Copper	0.999	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Iron	2590	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Lead	2.18	0.05 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Manganese	40.4	0.5 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Mercury	ND	0.096 mg/kg dry wt.	481	2082005	CK	31-Jul-12	7471A	GAL
Selenium	0.107	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Silver	ND	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Uranium	0.0996	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Zinc	11.0	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL

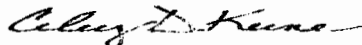
Inorganic Compounds

% Solids	100	%	1	2081705	CK	31-Jul-12	D2216	GAL
Chloride	ND	16.0 mg/kg	4	2072703	AP	27-Jul-12	4500-Cl-B	
Cyanide (total)	ND	0.250 mg/kg	50	2081706	CK	01-Aug-12	335.4	GAL
Fluoride	2.15	0.800 mg/kg	4	2081706	CK	02-Aug-12	4500F C	GAL
Nitrate/Nitrite as N	3.30	0.120 mg/kg dry wt.	6	2081707	CK	02-Aug-12	353.2	GAL
Nitrite as N	0.162	0.060 mg/kg dry wt.	3	2081707	CK	02-Aug-12	353.2	GAL
pH*	8.08	0.100 pH Units	1	2072701	HM	26-Jul-12	9045	
Phenols	ND	0.5 mg/kg dry wt.	1	2082008	CK	09-Aug-12	EPA9065	GAL
Sulfate	ND	10.0 mg/kg	1	2073105	HM	31-Jul-12	375.4	

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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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

CELL E - 2
H201709-02 (Soil)

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

GRO C6-C10	ND	10.0	mg/kg	1	2072601	MS	27-Jul-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2072601	MS	27-Jul-12	8015M	
Surrogate: 1-Chlorooctane		81.7 %	65.2-140		2072601	MS	27-Jul-12	8015M	
Surrogate: 1-Chlorooctadecane		105 %	63.6-154		2072601	MS	27-Jul-12	8015M	

Organic Compounds

PCB 1016	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1221	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1232	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1242	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1248	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1254	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1260	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
Surrogate: Tetrachloro-meta-xylene		63.6 %	35-140		2082009	CK	31-Jul-12	8082	SUB-SS

Radionuclides
SUB-RS

Radium-226	ND	1.3	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Radium-228	ND	1.3	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Total Radium	ND	1.3	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	

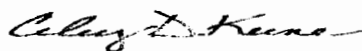
Volatile Organic Compounds by GCMS

Vinyl chloride*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1-Dichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Methylene chloride*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Chloroform*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Carbon tetrachloride*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,1-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Benzene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,2-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	

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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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

CELL E - 2
H201709-02 (Soil)

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

Trichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Toluene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	2072508	ms	27-Jul-12	8260	
o-Xylene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Total Xylenes*	ND	0.150	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,2,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Naphthalene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Surrogate: Dibromofluoromethane		94.1 %		70-130	2072508	ms	27-Jul-12	8260	
Surrogate: Toluene-d8		102 %		70-130	2072508	ms	27-Jul-12	8260	
Surrogate: 4-Bromofluorobenzene		90.5 %		70-130	2072508	ms	27-Jul-12	8260	

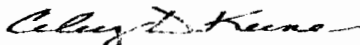
Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Acenaphthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Fluorene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Phenanthrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Carbazole	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Chrysene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	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
 Project Number: NM-01-0012 (SECT 3-20-37)
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 20-Aug-12 14:07

CELL E - 2
H201709-02 (Soil)

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

Benzo[b]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[a]pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Surrogate: Nitrobenzene-d5		46.3 %		35-114	2072510	CK	01-Aug-12	8270C	
Surrogate: 2-Fluorobiphenyl		55.6 %		43-116	2072510	CK	01-Aug-12	8270C	
Surrogate: Terphenyl-d14		59.6 %		33-141	2072510	CK	01-Aug-12	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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

CELL E - 3
H201709-03 (Soil)

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

Arsenic	0.562	0.050	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Barium	16.0	1.00	mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010B	GAL
Cadmium	0.123	0.0100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Chromium	1.99	0.100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Copper	0.847	0.0100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Iron	2250	5.0	mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Lead	1.79	0.05	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Manganese	35.4	0.5	mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Mercury	ND	0.098	mg/kg dry wt.	490	2082005	CK	31-Jul-12	7471A	GAL
Selenium	0.102	0.100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Silver	ND	0.0100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Uranium	0.0935	0.0100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Zinc	9.0	5.0	mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL

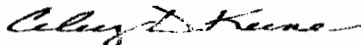
Inorganic Compounds

% Solids	100		%	1	2081705	CK	31-Jul-12	D2216	GAL
Chloride	ND	16.0	mg/kg	4	2072703	AP	27-Jul-12	4500-Cl-B	
Cyanide (total)	ND	0.250	mg/kg	50	2081706	CK	01-Aug-12	335.4	GAL
Fluoride	3.38	0.800	mg/kg	4	2081706	CK	02-Aug-12	4500F C	GAL
Nitrate/Nitrite as N	4.47	0.120	mg/kg dry wt.	6	2081707	CK	02-Aug-12	353.2	GAL
Nitrite as N	0.128	0.060	mg/kg dry wt.	3	2081707	CK	02-Aug-12	353.2	GAL
pH*	8.08	0.100	pH Units	1	2072702	HM	26-Jul-12	9045	
Phenols	ND	0.5	mg/kg dry wt.	1	2082008	CK	09-Aug-12	EPA9065	GAL
Sulfate	ND	10.0	mg/kg	1	2073105	HM	31-Jul-12	375.4	

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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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

CELL E - 3 H201709-03 (Soil)

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

Organic Compounds

GRO C6-C10	ND	10.0	mg/kg	1	2072601	MS	27-Jul-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2072601	MS	27-Jul-12	8015M	
Surrogate: 1-Chlorooctane	77.4 %	65.2-140			2072601	MS	27-Jul-12	8015M	
Surrogate: 1-Chlorooctadecane	103 %	63.6-154			2072601	MS	27-Jul-12	8015M	

Organic Compounds

PCB 1016	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1221	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1232	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1242	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1248	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1254	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1260	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
Surrogate: Tetrachloro-meta-xylene	65.1 %	35-140			2082009	CK	31-Jul-12	8082	SUB-SS

Radionuclides

SUB-RS

Radium-226	2.8 ± 0.3		pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Radium-228	ND	1.3	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Total Radium	2.8 ± 0.3		pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	

Volatile Organic Compounds by GCMS

Vinyl chloride*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1-Dichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Methylene chloride*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Chloroform*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Carbon tetrachloride*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,1-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Benzene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,2-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	

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Celestine D. Keene, Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

CELL E - 3 H201709-03 (Soil)

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

Volatile Organic Compounds by GCMS

Trichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Toluene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	2072508	ms	27-Jul-12	8260	
o-Xylene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Total Xylenes*	ND	0.150	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,2,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Naphthalene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Surrogate: Dibromofluoromethane		93.2 %		70-130	2072508	ms	27-Jul-12	8260	
Surrogate: Toluene-d8		102 %		70-130	2072508	ms	27-Jul-12	8260	
Surrogate: 4-Bromofluorobenzene		89.4 %		70-130	2072508	ms	27-Jul-12	8260	

Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Acenaphthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Fluorene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Phenanthrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Carbazole	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Chrysene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	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
 Project Number: NM-01-0012 (SECT 3-20-37)
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 20-Aug-12 14:07

CELL E - 3
H201709-03 (Soil)

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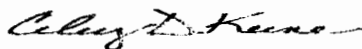
Cardinal Laboratories
Semivolatile Organic Compounds by GCMS

Benzo[b]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[a]pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Surrogate: Nitrobenzene-d5		48.6 %		35-114	2072510	CK	01-Aug-12	8270C	
Surrogate: 2-Fluorobiphenyl		57.0 %		43-116	2072510	CK	01-Aug-12	8270C	
Surrogate: Terphenyl-d14		61.3 %		33-141	2072510	CK	01-Aug-12	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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

CELL E - 4 H201709-04 (Soil)

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

Total Metals

Arsenic	0.580	0.050 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Barium	19.5	1.00 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010B	GAL
Cadmium	0.120	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Chromium	2.34	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Copper	0.862	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Iron	3710	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Lead	2.35	0.05 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Manganese	43.2	0.5 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Mercury	ND	0.096 mg/kg dry wt.	481	2082005	CK	31-Jul-12	7471A	GAL
Selenium	ND	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Silver	ND	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Uranium	0.0590	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Zinc	8.9	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL

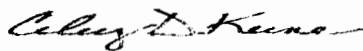
Inorganic Compounds

% Solids	100	%	1	2081705	CK	31-Jul-12	D2216	GAL
Chloride	ND	16.0 mg/kg	4	2072703	AP	27-Jul-12	4500-Cl-B	GAL
Cyanide (total)	ND	0.250 mg/kg	50	2081706	CK	01-Aug-12	335.4	GAL
Fluoride	ND	0.800 mg/kg	4	2081706	CK	02-Aug-12	4500F C	GAL
Nitrate/Nitrite as N	2.04	0.120 mg/kg dry wt.	6	2081707	CK	02-Aug-12	353.2	GAL
Nitrite as N	0.340	0.060 mg/kg dry wt.	3	2081707	CK	02-Aug-12	353.2	GAL
pH*	7.72	0.100 pH Units	1	2072702	HM	26-Jul-12	9045	GAL
Phenols	ND	0.5 mg/kg dry wt.	1	2082008	CK	09-Aug-12	EPA9065	GAL
Sulfate	ND	10.0 mg/kg	1	2073105	HM	31-Jul-12	375.4	GAL

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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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

CELL E - 4 H201709-04 (Soil)

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

Organic Compounds

GRO C6-C10	ND	10.0	mg/kg	1	2072601	MS	27-Jul-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2072601	MS	27-Jul-12	8015M	
Surrogate: 1-Chlorooctane	79.3 %	65.2-140			2072601	MS	27-Jul-12	8015M	
Surrogate: 1-Chlorooctadecane	104 %	63.6-154			2072601	MS	27-Jul-12	8015M	

Organic Compounds

PCB 1016	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1221	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1232	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1242	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1248	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1254	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1260	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
Surrogate: Tetrachloro-meta-xylene	63.5 %	35-140			2082009	CK	31-Jul-12	8082	SUB-SS

Radionuclides

SUB-RS

Radium-226	0.8 ± 0.2		pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Radium-228	ND	0.80	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Total Radium	0.8 ± 0.2		pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	

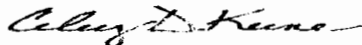
Volatile Organic Compounds by GCMS

Vinyl chloride*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1-Dichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Methylene chloride*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Chloroform*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Carbon tetrachloride*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,1-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Benzene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,2-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	

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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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

CELL E - 4
H201709-04 (Soil)

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

Trichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Toluene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	2072508	ms	27-Jul-12	8260	
o-Xylene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Total Xylenes*	ND	0.150	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,2,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Naphthalene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Surrogate: Dibromofluoromethane		95.4 %		70-130	2072508	ms	27-Jul-12	8260	
Surrogate: Toluene-d8		102 %		70-130	2072508	ms	27-Jul-12	8260	
Surrogate: 4-Bromofluorobenzene		90.3 %		70-130	2072508	ms	27-Jul-12	8260	

Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Acenaphthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Fluorene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Phenanthrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Carbazole	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Chrysene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	

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
 Project Number: NM-01-0012 (SECT 3-20-37)
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 20-Aug-12 14:07

CELL E - 4
H201709-04 (Soil)

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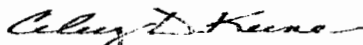
Cardinal Laboratories
Semivolatile Organic Compounds by GCMS

Benzo[b]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[a]pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Surrogate: Nitrobenzene-d5		37.2 %		35-114	2072510	CK	01-Aug-12	8270C	
Surrogate: 2-Fluorobiphenyl		45.1 %		43-116	2072510	CK	01-Aug-12	8270C	
Surrogate: Terphenyl-d14		47.3 %		33-141	2072510	CK	01-Aug-12	8270C	

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 Fax To: (505) 392-6949

 Reported:
 20-Aug-12 14:07

Total Metals by ICPMS - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2082003 - EPA 3050
Blank (2082003-BLK1)

Prepared & Analyzed: 01-Aug-12

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

LCS (2082003-BS1)

Prepared & Analyzed: 01-Aug-12

Arsenic	0.054		mg/L	0.0500	109	85-115
Chromium	0.056		mg/L	0.0500	112	85-115
Selenium	0.266		mg/L	0.250	106	85-115
Uranium	0.0508		mg/kg	0.0500	102	85-115
Copper	0.0518		mg/kg	0.0500	104	85-115
Lead	0.05		mg/L	0.0500	105	85-115
Silver	0.0541		mg/L	0.0500	108	85-115
Cadmium	0.0545		mg/L	0.0500	109	85-115

LCS Dup (2082003-BSD1)

Prepared & Analyzed: 01-Aug-12

Chromium	0.055		mg/L	0.0500	110	85-115	1.44	20
Selenium	0.257		mg/L	0.250	103	85-115	3.44	20
Arsenic	0.052		mg/L	0.0500	104	85-115	5.08	20
Copper	0.0528		mg/kg	0.0500	106	85-115	1.91	20
Silver	0.0523		mg/L	0.0500	105	85-115	3.38	20
Lead	0.05		mg/L	0.0500	102	85-115	2.71	20

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 Eddie Seay Consulting
 601 W. Illinois
 Hobbs NM, 88242

 Project: C & C LANDFARM
 Project Number: NM-01-0012 (SECT 3-20-37)
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 20-Aug-12 14:07

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 2082003 - EPA 3050
LCS Dup (2082003-BSD1)

Prepared & Analyzed: 01-Aug-12

Uranium	0.0490		mg/kg	0.0500		98.0	85-115	3.61	20	
Cadmium	0.0518		mg/L	0.0500		104	85-115	5.08	20	

Batch 2082004 - EPA 3050
Blank (2082004-BLK1)

Prepared & Analyzed: 31-Jul-12

Barium	ND	1.00	mg/kg dry wt.							
Zinc	ND	5.0	mg/kg dry wt.							
Iron	10.2	5.0	mg/kg dry wt.							B
Manganese	ND	0.5	mg/kg dry wt.							

LCS (2082004-BS1)

Prepared & Analyzed: 31-Jul-12

Barium	1.93		mg/kg	2.00		96.5	85-115			
Manganese	2.0		mg/kg	2.00		99.5	85-115			
Iron	4.0		mg/kg	4.00		99.0	85-115			
Zinc	1.9		mg/kg	2.00		95.5	85-115			

LCS Dup (2082004-BSD1)

Prepared & Analyzed: 31-Jul-12

Manganese	2.0		mg/kg	2.00		100	85-115	1.00	20	
Zinc	2.0		mg/kg	2.00		98.0	85-115	2.58	20	
Barium	1.95		mg/kg	2.00		97.5	85-115	1.03	20	
Iron	4.0		mg/kg	4.00		100	85-115	1.50	20	

Batch 2082005 - EPA 7471
Blank (2082005-BLK1)

Prepared & Analyzed: 31-Jul-12

Mercury	ND	0.100	mg/kg dry wt.							
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Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

Mercury (Total) by CVAA - 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 2082005 - EPA 7471**LCS (2082005-BS1)**

Prepared & Analyzed: 31-Jul-12

Mercury	1.00		mg/kg	1.00	100	85-115			
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LCS Dup (2082005-BSD1)

Prepared & Analyzed: 31-Jul-12

Mercury	0.900		mg/kg	1.00	90.0	85-115	10.5	20	
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Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

Inorganic Compounds - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 2072701 - 1:1 DI									
LCS (2072701-BS1)					Prepared & Analyzed: 26-Jul-12				
pH	7.07		pH Units	7.00		101	90-110		
Duplicate (2072701-DUP1)					Source: H201708-01 Prepared & Analyzed: 26-Jul-12				
pH	8.05	0.100	pH Units		8.06		0.124	20	
Batch 2072702 - 1:1 DI									
LCS (2072702-BS1)					Prepared & Analyzed: 26-Jul-12				
pH	7.07		pH Units	7.00		101	90-110		
Duplicate (2072702-DUP1)					Source: H201709-03 Prepared & Analyzed: 26-Jul-12				
pH	8.34	0.100	pH Units		8.08		3.17	20	
Batch 2072703 - 1:4 DI Water									
Blank (2072703-BLK1)					Prepared & Analyzed: 27-Jul-12				
Chloride	ND	16.0	mg/kg						
LCS (2072703-BS1)					Prepared & Analyzed: 27-Jul-12				
Chloride	400	16.0	mg/kg	400		100	80-120		
LCS Dup (2072703-BSD1)					Prepared & Analyzed: 27-Jul-12				
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20
Batch 2073105 - General Prep - Wet Chem									
Blank (2073105-BLK1)					Prepared & Analyzed: 31-Jul-12				
Sulfate	ND	10.0	mg/kg						

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Hobbs NM, 88242

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Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2073105 - General Prep - Wet Chem										
LCS (2073105-BS1)				Prepared & Analyzed: 31-Jul-12						
Sulfate	17.5	10.0	mg/kg	20.0		87.5	80-120			
LCS Dup (2073105-BSD1)				Prepared & Analyzed: 31-Jul-12						
Sulfate	16.6	10.0	mg/kg	20.0		83.0	80-120	5.28	20	
Batch 2081706 - General Prep										
Blank (2081706-BLK1)				Prepared: 01-Aug-12 Analyzed: 02-Aug-12						
Fluoride	ND	0.800	mg/kg							
Cyanide (total)	ND	0.250	mg/kg							
LCS (2081706-BS1)				Prepared: 01-Aug-12 Analyzed: 02-Aug-12						
Fluoride	0.968		mg/L	1.00		96.8	85-115			
Cyanide (total)	0.0428		mg/L	0.0500		85.6	85-115			
LCS Dup (2081706-BSD1)				Prepared: 01-Aug-12 Analyzed: 02-Aug-12						
Fluoride	0.925		mg/L	1.00		92.5	85-115	4.54	20	
Cyanide (total)	0.0490		mg/L	0.0500		98.0	85-115	13.5	20	
Batch 2081707 - General Prep										
Blank (2081707-BLK1)				Prepared: 31-Jul-12 Analyzed: 02-Aug-12						
Nitrite as N	ND	0.020	mg/kg dry wt.							
Nitrate/Nitrite as N	ND	0.020	mg/kg dry wt.							
LCS (2081707-BS1)				Prepared: 31-Jul-12 Analyzed: 02-Aug-12						
Nitrite as N	0.101		mg/L	0.100		101	85-115			
Nitrate/Nitrite as N	0.101		mg/L	0.100		101	85-115			

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 Eddie Seay Consulting
 601 W. Illinois
 Hobbs NM, 88242

 Project: C & C LANDFARM
 Project Number: NM-01-0012 (SECT 3-20-37)
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 20-Aug-12 14:07

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 2081707 - General Prep
LCS Dup (2081707-BSD1)

Prepared: 31-Jul-12 Analyzed: 02-Aug-12

Nitrite as N	0.100		mg/L	0.100		100	85-115	0.995	20
Nitrate/Nitrite as N	0.106		mg/L	0.100		106	85-115	4.83	20

Batch 2082008 - General Prep
Blank (2082008-BLK1)

Prepared & Analyzed: 09-Aug-12

Phenols	ND	0.5	mg/kg dry wt.						
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LCS (2082008-BS1)

Prepared & Analyzed: 09-Aug-12

Phenols	0.4		mg/kg	0.400		92.2	70-130		
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Matrix Spike (2082008-MS1)

Source: H201708-02

Prepared & Analyzed: 09-Aug-12

Phenols	3.8		mg/kg	4.08	0.0	93.4	70-130		
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Matrix Spike Dup (2082008-MSD1)

Source: H201708-02

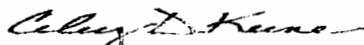
Prepared & Analyzed: 09-Aug-12

Phenols	3.8		mg/kg	4.08	0.0	92.6	70-130	0.791	20
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 Reported:
 20-Aug-12 14:07

Organic 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 2072601 - General Prep - Organics
Blank (2072601-BLK1)

Prepared & Analyzed: 26-Jul-12

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	43.2		mg/kg	50.0		86.4	65.2-140			
Surrogate: 1-Chlorooctadecane	53.8		mg/kg	50.0		108	63.6-154			

LCS (2072601-BS1)

Prepared & Analyzed: 26-Jul-12

GRO C6-C10	194	10.0	mg/kg	200		97.2	66.4-124		23.4	
DRO >C10-C28	222	10.0	mg/kg	200		111	61.6-132		23.1	
Surrogate: 1-Chlorooctane	49.7		mg/kg	50.0		99.5	65.2-140			
Surrogate: 1-Chlorooctadecane	59.7		mg/kg	50.0		119	63.6-154			

LCS Dup (2072601-BSD1)

Prepared & Analyzed: 26-Jul-12

GRO C6-C10	186	10.0	mg/kg	200		92.9	66.4-124	4.53	23.4	
DRO >C10-C28	199	10.0	mg/kg	200		99.4	61.6-132	11.1	23.1	
Surrogate: 1-Chlorooctane	47.6		mg/kg	50.0		95.2	65.2-140			
Surrogate: 1-Chlorooctadecane	55.6		mg/kg	50.0		111	63.6-154			

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Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

Organic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2082009 - 3550										
Blank (2082009-BLK1)				Prepared: 26-Jul-12 Analyzed: 31-Jul-12						
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	5.35		ug/L	10.0		53.5	35-140			
LCS (2082009-BS1)				Prepared: 26-Jul-12 Analyzed: 31-Jul-12						
PCB 1016	86.7		ug/L	100		86.7	40-130			
PCB 1260	80.0		ug/L	100		80.0	40-130			
Surrogate: Tetrachloro-meta-xylene	7.23		ug/L	10.0		72.3	35-140			
Matrix Spike (2082009-MS1)				Source: H201708-03	Prepared: 26-Jul-12 Analyzed: 31-Jul-12					
PCB 1016	78.4		ug/L	100	ND	78.4	40-130			
PCB 1260	55.7		ug/L	100	ND	55.7	40-130			
Surrogate: Tetrachloro-meta-xylene	7.19		ug/L	10.0		71.9	35-140			
Matrix Spike Dup (2082009-MSD1)				Source: H201708-03	Prepared: 26-Jul-12 Analyzed: 31-Jul-12					
PCB 1016	63.6		ug/L	100	ND	63.6	40-130	20.8	30	
PCB 1260	51.8		ug/L	100	ND	51.8	40-130	7.26	30	
Surrogate: Tetrachloro-meta-xylene	6.22		ug/L	10.0		62.2	35-140			

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Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

Volatile 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 2072508 - Volatiles

Blank (2072508-BLK1)

Prepared: 25-Jul-12 Analyzed: 26-Jul-12

Vinyl chloride	ND	0.0500	mg/kg							
1,1-Dichloroethene	ND	0.0500	mg/kg							
Methylene chloride	ND	0.0500	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	0.453		mg/kg	0.500		90.6	70-130			
Surrogate: Toluene-d8	0.517		mg/kg	0.500		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.485		mg/kg	0.500		97.0	70-130			

LCS (2072508-BS1)

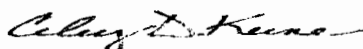
Prepared: 25-Jul-12 Analyzed: 26-Jul-12

Vinyl chloride	0.946	0.0500	mg/kg	1.00		94.6	70-130			
1,1-Dichloroethene	0.790	0.0500	mg/kg	1.00		79.0	70-130			
Methylene chloride	0.941	0.0500	mg/kg	1.00		94.1	70-130			
1,1-Dichloroethane	0.984	0.0500	mg/kg	1.00		98.4	70-130			
Chloroform	0.885	0.0500	mg/kg	1.00		88.5	70-130			
Carbon tetrachloride	1.01	0.0500	mg/kg	1.00		101	70-130			
1,1,1-Trichloroethane	0.986	0.0500	mg/kg	1.00		98.6	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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

Volatile Organic Compounds by GCMS - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2072508 - Volatiles
LCS (2072508-BS1)

Prepared: 25-Jul-12 Analyzed: 26-Jul-12

Benzene	0.981	0.0500	mg/kg	1.00		98.1	70-130		
1,2-Dichloroethane	0.940	0.0500	mg/kg	1.00		94.0	70-130		
Trichloroethene	0.988	0.0500	mg/kg	1.00		98.8	70-130		
Toluene	1.01	0.0500	mg/kg	1.00		101	70-130		
Tetrachloroethene	1.04	0.0500	mg/kg	1.00		104	70-130		
1,1,2-Trichloroethane	0.938	0.0500	mg/kg	1.00		93.8	70-130		
1,2-Dibromoethane	0.952	0.0500	mg/kg	1.00		95.2	70-130		
Ethylbenzene	1.01	0.0500	mg/kg	1.00		101	70-130		
m-p Xylenes	2.04	0.100	mg/kg	2.00		102	70-130		
o-Xylene	1.03	0.0500	mg/kg	1.00		103	70-130		
Total Xylenes	3.07	0.150	mg/kg	3.00		102	70-130		
1,1,2,2-Tetrachloroethane	0.918	0.0500	mg/kg	1.00		91.8	70-130		
Naphthalene	0.976	0.0500	mg/kg	1.00		97.6	70-130		
Surrogate: Dibromofluoromethane	0.488		mg/kg	0.500		97.6	70-130		
Surrogate: Toluene-d8	0.508		mg/kg	0.500		102	70-130		
Surrogate: 4-Bromofluorobenzene	0.507		mg/kg	0.500		101	70-130		

LCS Dup (2072508-BS1)

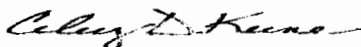
Prepared: 25-Jul-12 Analyzed: 26-Jul-12

Vinyl chloride	0.975	0.0500	mg/kg	1.00		97.5	70-130	3.04	20
1,1-Dichloroethene	0.759	0.0500	mg/kg	1.00		75.9	70-130	4.02	20
Methylene chloride	0.954	0.0500	mg/kg	1.00		95.4	70-130	1.44	20
1,1-Dichloroethane	0.999	0.0500	mg/kg	1.00		99.9	70-130	1.52	20
Chloroform	0.902	0.0500	mg/kg	1.00		90.2	70-130	1.96	20
Carbon tetrachloride	1.02	0.0500	mg/kg	1.00		102	70-130	0.817	20
1,1,1-Trichloroethane	1.01	0.0500	mg/kg	1.00		101	70-130	2.53	20
Benzene	1.00	0.0500	mg/kg	1.00		100	70-130	2.25	20
1,2-Dichloroethane	0.963	0.0500	mg/kg	1.00		96.3	70-130	2.43	20
Trichloroethene	1.01	0.0500	mg/kg	1.00		101	70-130	2.54	20
Toluene	1.04	0.0500	mg/kg	1.00		104	70-130	2.25	20
Tetrachloroethene	1.05	0.0500	mg/kg	1.00		105	70-130	1.07	20
1,1,2-Trichloroethane	0.959	0.0500	mg/kg	1.00		95.9	70-130	2.22	20
1,2-Dibromoethane	0.966	0.0500	mg/kg	1.00		96.6	70-130	1.53	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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

Volatile 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 2072508 - Volatiles
LCS Dup (2072508-BS1)

Prepared: 25-Jul-12 Analyzed: 26-Jul-12

Ethylbenzene	1.03	0.0500	mg/kg	1.00		103	70-130	2.04	20	
m-p Xylenes	2.06	0.100	mg/kg	2.00		103	70-130	1.08	20	
o-Xylene	1.05	0.0500	mg/kg	1.00		105	70-130	2.03	20	
Total Xylenes	3.11	0.150	mg/kg	3.00		104	70-130	1.40	20	
1,1,2,2-Tetrachloroethane	0.933	0.0500	mg/kg	1.00		93.3	70-130	1.63	20	
Naphthalene	0.995	0.0500	mg/kg	1.00		99.5	70-130	1.93	20	
Surrogate: Dibromofluoromethane	0.493		mg/kg	0.500		98.6	70-130			
Surrogate: Toluene-d8	0.508		mg/kg	0.500		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.514		mg/kg	0.500		103	70-130			

Matrix Spike (2072508-MS1)

Source: H201708-01

Prepared: 25-Jul-12 Analyzed: 27-Jul-12

Vinyl chloride	0.972	0.0500	mg/kg	1.00	ND	97.2	70-130			
1,1-Dichloroethene	0.771	0.0500	mg/kg	1.00	ND	77.1	70-130			
Methylene chloride	0.966	0.0500	mg/kg	1.00	ND	96.6	70-130			
1,1-Dichloroethane	0.976	0.0500	mg/kg	1.00	ND	97.6	70-130			
Chloroform	0.896	0.0500	mg/kg	1.00	ND	89.6	70-130			
Carbon tetrachloride	0.993	0.0500	mg/kg	1.00	ND	99.3	70-130			
1,1,1-Trichloroethane	1.01	0.0500	mg/kg	1.00	ND	101	70-130			
Benzene	0.985	0.0500	mg/kg	1.00	ND	98.5	70-130			
1,2-Dichloroethane	0.931	0.0500	mg/kg	1.00	ND	93.1	70-130			
Trichloroethene	0.970	0.0500	mg/kg	1.00	ND	97.0	70-130			
Toluene	0.981	0.0500	mg/kg	1.00	ND	98.1	70-130			
Tetrachloroethene	1.06	0.0500	mg/kg	1.00	ND	106	70-130			
1,1,2-Trichloroethane	0.941	0.0500	mg/kg	1.00	ND	94.1	70-130			
1,2-Dibromomethane	0.915	0.0500	mg/kg	1.00	ND	91.5	70-130			
Ethylbenzene	0.979	0.0500	mg/kg	1.00	ND	97.9	70-130			
m-p Xylenes	1.97	0.100	mg/kg	2.00	ND	98.6	70-130			
o-Xylene	0.989	0.0500	mg/kg	1.00	ND	98.9	70-130			
Total Xylenes	2.96	0.150	mg/kg	3.00	ND	98.7	70-130			
1,1,2,2-Tetrachloroethane	0.911	0.0500	mg/kg	1.00	ND	91.1	70-130			
Naphthalene	0.938	0.0500	mg/kg	1.00	ND	93.8	70-130			
Surrogate: Dibromofluoromethane	0.497		mg/kg	0.500		99.5	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
 Project Number: NM-01-0012 (SECT 3-20-37)
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 20-Aug-12 14:07

Volatile 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 2072508 - Volatiles
Matrix Spike (2072508-MS1)

Source: H201708-01

Prepared: 25-Jul-12 Analyzed: 27-Jul-12

Surrogate: Toluene-d8	0.505		mg/kg	0.500		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.493		mg/kg	0.500		98.5	70-130			

Matrix Spike Dup (2072508-MSD1)

Source: H201708-01

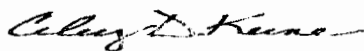
Prepared: 25-Jul-12 Analyzed: 27-Jul-12

Vinyl chloride	0.959	0.0500	mg/kg	1.00	ND	95.9	70-130	1.32	20	
1,1-Dichloroethene	0.769	0.0500	mg/kg	1.00	ND	76.9	70-130	0.273	20	
Methylene chloride	0.958	0.0500	mg/kg	1.00	ND	95.8	70-130	0.840	20	
1,1-Dichloroethane	0.963	0.0500	mg/kg	1.00	ND	96.3	70-130	1.31	20	
Chloroform	0.872	0.0500	mg/kg	1.00	ND	87.2	70-130	2.63	20	
Carbon tetrachloride	0.953	0.0500	mg/kg	1.00	ND	95.3	70-130	4.09	20	
1,1,1-Trichloroethane	0.974	0.0500	mg/kg	1.00	ND	97.4	70-130	4.02	20	
Benzene	0.965	0.0500	mg/kg	1.00	ND	96.5	70-130	2.06	20	
1,2-Dichloroethane	0.922	0.0500	mg/kg	1.00	ND	92.2	70-130	0.937	20	
Trichloroethene	0.953	0.0500	mg/kg	1.00	ND	95.3	70-130	1.78	20	
Toluene	0.974	0.0500	mg/kg	1.00	ND	97.4	70-130	0.770	20	
Tetrachloroethene	1.03	0.0500	mg/kg	1.00	ND	103	70-130	2.50	20	
1,1,2-Trichloroethane	0.932	0.0500	mg/kg	1.00	ND	93.2	70-130	1.02	20	
1,2-Dibromoethane	0.922	0.0500	mg/kg	1.00	ND	92.2	70-130	0.775	20	
Ethylbenzene	0.978	0.0500	mg/kg	1.00	ND	97.8	70-130	0.0613	20	
m-p Xylenes	1.95	0.100	mg/kg	2.00	ND	97.6	70-130	1.01	20	
o-Xylene	0.983	0.0500	mg/kg	1.00	ND	98.3	70-130	0.584	20	
Total Xylenes	2.94	0.150	mg/kg	3.00	ND	97.8	70-130	0.870	20	
1,1,2,2-Tetrachloroethane	0.911	0.0500	mg/kg	1.00	ND	91.1	70-130	0.00878	20	
Naphthalene	0.945	0.0500	mg/kg	1.00	ND	94.5	70-130	0.742	20	
Surrogate: Dibromofluoromethane	0.491		mg/kg	0.500		98.2	70-130			
Surrogate: Toluene-d8	0.506		mg/kg	0.500		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.502		mg/kg	0.500		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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

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 2072510 - SW-846 3550

Blank (2072510-BLK1)

Prepared: 25-Jul-12 Analyzed: 31-Jul-12

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	0.869		mg/kg	2.00		43.4	35-114			
Surrogate: 2-Fluorobiphenyl	1.10		mg/kg	2.00		55.0	43-116			
Surrogate: Terphenyl-d14	1.13		mg/kg	2.00		56.7	33-141			

LCS (2072510-BS1)

Prepared: 25-Jul-12 Analyzed: 31-Jul-12

Naphthalene	0.269	0.040	mg/kg	0.400		67.2	21-133			
2-Methylnaphthalene	0.285	0.040	mg/kg	0.400		71.2	21-133			
Acenaphthylene	0.312	0.040	mg/kg	0.400		78.1	33-145			
Acenaphthene	0.324	0.040	mg/kg	0.400		81.1	47-145			
Fluorene	0.340	0.040	mg/kg	0.400		85.1	59-121			
Phenanthrene	0.356	0.040	mg/kg	0.400		89.0	54-120			
Anthracene	0.442	0.040	mg/kg	0.400		111	27-133			
Carbazole	0.388	0.040	mg/kg	0.400		96.9	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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

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 2072510 - SW-846 3550
LCS (2072510-BS1)

Prepared: 25-Jul-12 Analyzed: 31-Jul-12

Fluoranthene	0.375	0.040	mg/kg	0.400		93.8	26-137			
Pyrene	0.346	0.040	mg/kg	0.400		86.5	52-115			
Benzo[a]anthracene	0.358	0.040	mg/kg	0.400		89.6	33-143			
Chrysene	0.360	0.040	mg/kg	0.400		89.9	17-168			
Benzo[b]fluoranthene	0.421	0.040	mg/kg	0.400		105	24-159			
Benzo[k]fluoranthene	0.427	0.040	mg/kg	0.400		107	11-162			
Benzo[a]pyrene	0.371	0.040	mg/kg	0.400		92.7	17-163			
Indeno[1,2,3-cd]pyrene	0.318	0.040	mg/kg	0.400		79.6	0-171			
Dibenz[a,h]anthracene	0.316	0.040	mg/kg	0.400		78.9	0-227			
Benzo[g,h,i]perylene	0.308	0.040	mg/kg	0.400		77.0	0-219			
Surrogate: Nitrobenzene-d5	1.50		mg/kg	2.00		74.8	35-114			
Surrogate: 2-Fluorobiphenyl	1.92		mg/kg	2.00		96.1	43-116			
Surrogate: Terphenyl-d4	1.97		mg/kg	2.00		98.7	33-141			

LCS Dup (2072510-BSD1)

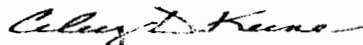
Prepared: 25-Jul-12 Analyzed: 31-Jul-12

Naphthalene	0.282	0.040	mg/kg	0.400		70.4	21-133	4.68	20	
2-Methylnaphthalene	0.300	0.040	mg/kg	0.400		75.0	21-133	5.16	20	
Acenaphthylene	0.313	0.040	mg/kg	0.400		78.3	33-145	0.377	20	
Acenaphthene	0.324	0.040	mg/kg	0.400		81.1	47-145	0.0339	20	
Fluorene	0.337	0.040	mg/kg	0.400		84.2	59-121	1.10	20	
Phenanthrene	0.347	0.040	mg/kg	0.400		86.8	54-120	2.48	20	
Anthracene	0.434	0.040	mg/kg	0.400		109	27-133	1.83	20	
Carbazole	0.375	0.040	mg/kg	0.400		93.7	70-130	3.39	20	
Fluoranthene	0.345	0.040	mg/kg	0.400		86.3	26-137	8.30	20	
Pyrene	0.360	0.040	mg/kg	0.400		90.1	52-115	4.12	20	
Benzo[a]anthracene	0.342	0.040	mg/kg	0.400		85.4	33-143	4.73	20	
Chrysene	0.366	0.040	mg/kg	0.400		91.6	17-168	1.82	20	
Benzo[b]fluoranthene	0.381	0.040	mg/kg	0.400		95.1	24-159	10.1	20	
Benzo[k]fluoranthene	0.449	0.040	mg/kg	0.400		112	11-162	5.08	20	
Benzo[a]pyrene	0.364	0.040	mg/kg	0.400		91.1	17-163	1.73	20	
Indeno[1,2,3-cd]pyrene	0.365	0.040	mg/kg	0.400		91.2	0-171	13.6	20	
Dibenz[a,h]anthracene	0.368	0.040	mg/kg	0.400		92.0	0-227	15.3	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
Project Number: NM-01-0012 (SECT 3-20-37)
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
20-Aug-12 14:07

Semivolatile Organic Compounds by GCMS - Quality Control

Cardinal Laboratories

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

Batch 2072510 - SW-846 3550

LCS Dup (2072510-BS1)

Prepared: 25-Jul-12 Analyzed: 31-Jul-12

Benzo[g,h,i]perylene	0.346	0.040	mg/kg	0.400		86.6	0-219	11.8	20
Surrogate: Nitrobenzene-d5	1.56		mg/kg	2.00		78.2	35-114		
Surrogate: 2-Fluorobiphenyl	1.89		mg/kg	2.00		94.6	43-116		
Surrogate: Terphenyl-d14	2.01		mg/kg	2.00		101	33-141		

Matrix Spike (2072510-MS1)

Source: H201708-01

Prepared: 25-Jul-12 Analyzed: 31-Jul-12

Naphthalene	0.231	0.040	mg/kg	0.400	ND	57.8	21-133		
2-Methylnaphthalene	0.249	0.040	mg/kg	0.400	0.00	62.2	21-133		
Acenaphthylene	0.282	0.040	mg/kg	0.400	ND	70.5	33-145		
Acenaphthene	0.287	0.040	mg/kg	0.400	ND	71.6	47-145		
Fluorene	0.301	0.040	mg/kg	0.400	0.009	73.1	59-121		
Phenanthrene	0.318	0.040	mg/kg	0.400	0.002	78.9	54-120		
Anthracene	0.411	0.040	mg/kg	0.400	ND	103	27-133		
Carbazole	0.361	0.040	mg/kg	0.400	ND	90.2	70-130		
Fluoranthene	0.314	0.040	mg/kg	0.400	ND	78.5	26-137		
Pyrene	0.320	0.040	mg/kg	0.400	ND	80.0	52-115		
Benzo[a]anthracene	0.318	0.040	mg/kg	0.400	0.007	77.6	33-143		
Chrysene	0.331	0.040	mg/kg	0.400	0.008	80.7	17-168		
Benzo[b]fluoranthene	0.341	0.040	mg/kg	0.400	0.006	83.8	24-159		
Benzo[k]fluoranthene	0.367	0.040	mg/kg	0.400	ND	91.6	11-162		
Benzo[a]pyrene	0.334	0.040	mg/kg	0.400	0.007	81.9	17-163		
Indeno[1,2,3-cd]pyrene	0.255	0.040	mg/kg	0.400	0.017	59.5	0-171		
Dibenz[a,h]anthracene	0.259	0.040	mg/kg	0.400	0.020	59.8	0-227		
Benzo[g,h,i]perylene	0.248	0.040	mg/kg	0.400	0.015	58.3	0-219		
Surrogate: Nitrobenzene-d5	1.32		mg/kg	2.00		66.1	35-114		
Surrogate: 2-Fluorobiphenyl	1.73		mg/kg	2.00		86.7	43-116		
Surrogate: Terphenyl-d14	1.83		mg/kg	2.00		91.4	33-141		

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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
 Project Number: NM-01-0012 (SECT 3-20-37)
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 20-Aug-12 14:07

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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

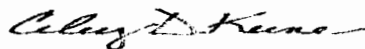
Batch 2072510 - SW-846 3550

Matrix Spike Dup (2072510-MSD1)		Source: H201708-01			Prepared: 25-Jul-12 Analyzed: 31-Jul-12					
Naphthalene	0.102	0.040	mg/kg	0.400	ND	25.6	21-133	77.4	20	QM-05
2-Methylnaphthalene	0.105	0.040	mg/kg	0.400	0.00	26.3	21-133	81.2	20	QM-05
Acenaphthylene	0.121	0.040	mg/kg	0.400	ND	30.3	33-145	79.7	20	QM-05
Acenaphthene	0.126	0.040	mg/kg	0.400	ND	31.5	47-145	77.8	20	QM-05
Fluorene	0.133	0.040	mg/kg	0.400	0.009	31.2	59-121	77.2	20	QM-05
Phenanthrene	0.143	0.040	mg/kg	0.400	0.002	35.1	54-120	76.1	20	QM-05
Anthracene	0.170	0.040	mg/kg	0.400	ND	42.4	27-133	83.1	20	QM-05
Carbazole	0.162	0.040	mg/kg	0.400	ND	40.4	70-130	76.2	20	QM-05
Fluoranthene	0.151	0.040	mg/kg	0.400	ND	37.8	26-137	70.1	20	QM-05
Pyrene	0.139	0.040	mg/kg	0.400	ND	34.7	52-115	79.1	20	QM-05
Benzo[a]anthracene	0.148	0.040	mg/kg	0.400	0.007	35.2	33-143	73.0	20	QM-05
Chrysene	0.155	0.040	mg/kg	0.400	0.008	36.7	17-168	72.5	20	QM-05
Benzo[b]fluoranthene	0.177	0.040	mg/kg	0.400	0.006	42.8	24-159	63.4	20	QM-05
Benzo[k]fluoranthene	0.184	0.040	mg/kg	0.400	ND	46.0	11-162	66.3	20	QM-05
Benzo[a]pyrene	0.151	0.040	mg/kg	0.400	0.007	36.2	17-163	75.4	20	QM-05
Indeno[1,2,3-cd]pyrene	0.142	0.040	mg/kg	0.400	0.017	31.2	0-171	57.2	20	QM-05
Dibenz[a,h]anthracene	0.147	0.040	mg/kg	0.400	0.020	31.9	0-227	55.0	20	QM-05
Benzo[g,h,i]perylene	0.143	0.040	mg/kg	0.400	0.015	31.9	0-219	54.0	20	QM-05
Surrogate: Nitrobenzene-d5	0.598		mg/kg	2.00		29.9	35-114			
Surrogate: 2-Fluorobiphenyl	0.737		mg/kg	2.00		36.8	43-116			
Surrogate: Terphenyl-d14	0.799		mg/kg	2.00		39.9	33-141			

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

Z-01a	2.8 ± 0.3
Z-01	0.8 ± 0.2
SUB-SS	Analysis subcontracted to SunStar Laboratories, Inc.
SUB-RS	Analysis subcontracted to Radiation Safety Engineering, Inc.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
GAL	Analysis subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.
B	Analyte is found in the associated blank as well as in the sample (CLP B-flag).
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



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

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Relinquished By: <i>[Signature]</i>		Date: <i>7/14</i>		Received By: <i>[Signature]</i>		Phone Result: ☐ Yes ☐ No		Add'l Phone #: _____	
Relinquished By: _____		Time: <i>10:30</i>		Received By: _____		Fax Result: ☐ Yes ☐ No		Add'l Fax #: _____	
Date: _____		Time: _____		REMARKS: <i>see 20.4.2.3103-AB</i>					
Delivered By: (Circle One)		Sample Condition		CHECKED BY: <i>[Signature]</i>					
Sampler - UPS - Bus - Other:		Cool ☒ Intact ☐							
		Yes ☐ No ☐							



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Eddie Sany Consulting		P.O. #:	
Project Manager: Eddie Sany		Company:	
Address: 601 W. Illinois		Attn:	
City: Adams		Address:	
Phone #: 2-22-34		City:	
Project #: CTE Lawlor		State:	
Project Name: CTE Lawlor		Phone #:	
Project Location: Monmouth NM 3-20-37		Fax #:	
Sampler Name: Eddie Sany (Eyr. Monitoring)			
FOR LAB USE ONLY	MATRIX	PRESERV	SAMPLING
	GROUNDWATER		
	WASTEWATER		
	SOIL		
	SLUDGE		
	OTHER:		
	ACID/BASE:		
	ICE / COOL		
	OTHER:		
	(G)RAB OR (C)OMP		
	# CONTAINERS		
Lab I.D.	Sample I.D.	DATE	TIME
H207109	Call E-1		
	Call E-2		
	Call E-3		
	Call E-4		

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Relinquished By: *[Signature]*

Date: 7/24
Time: 7:30

Received By: *[Signature]*

Phone Result: ☐ Yes ☒ No
Fax Result: ☐ Yes ☒ No

Add'l Phone #:
Add'l Fax #:

REMARKS:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition:
Cool ☒ Intact ☒
No ☐ Yes ☐

CHECKED BY: *[Signature]*

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 293-2326.



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Laboratories

3063

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:		P.O. #:		Company:		Attn:		Address:		City:		State:		Phone #:		Zip:	
Project Manager:		Eddie Saay Consulting		Address:		Eddie Saay		City:		Hobbs		NM		88240		Zip:	
City:		Hobbs		State:		NM		Zip:		88240		Project #:		2-2234		Fax #:	
Project #:		2-2234		Project Owner:		J. Cooper		Project Name:		Cte Landfarm		NM. 01. 0012		Project Location:		Mojave N.M. Sub 3. 20. 37.	
Sampler Name:		Eddie Saay (E.S. Maintenance)		Fax #:				Matrix:		PRESERV:		SAMPLING		DATE		TIME	
FOR LAB USE ONLY																	
Lab I.D.		Sample I.D.															
420779		Cale E-1															
		Cale E-2															
		Cale E-3															
		Cale E-4															

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Relinquished By:	Received By:	Phone Result:	Fax Result:	Adm'l Phone #:	Adm'l Fax #:
Eddie Saay	Eddie Saay	☐ Yes ☐ No	☐ Yes ☐ No		
Relinquished By:	Received By:	REMARKS:			
Eddie Saay	Eddie Saay	all 20.6.2. 303 44B			
Delivered By: (Circle One)	Sample Condition	CHECKED BY:			
Sampler - UPS - Bus - Other:	Cool/Intact ☐ Yes ☐ No	Initials			

August 23, 2012

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 07/24/12 10:30.

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 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,



Caley D. Keene

Lab Director/Quality Manager

Analytical Results For:

Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

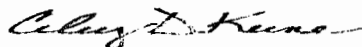
Reported:
23-Aug-12 10:42

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CELL B - 1	H201708-01	Soil	23-Jul-12 07:15	24-Jul-12 10:30
CELL B - 2	H201708-02	Soil	23-Jul-12 07:50	24-Jul-12 10:30
CELL B - 3	H201708-03	Soil	23-Jul-12 08:20	24-Jul-12 10:30
CELL B - 4	H201708-04	Soil	23-Jul-12 08:55	24-Jul-12 10:30
CELL D - 1	H201708-05	Soil	23-Jul-12 09:20	24-Jul-12 10:30
CELL D - 2	H201708-06	Soil	23-Jul-12 09:45	24-Jul-12 10:30
CELL D - 3	H201708-07	Soil	23-Jul-12 10:30	24-Jul-12 10:30
CELL D - 4	H201708-08	Soil	23-Jul-12 11:00	24-Jul-12 10:30

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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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL B - 1
H201708-01 (Soil)

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

Cardinal Laboratories
Total Metals

Arsenic	1.41	0.050	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Barium	34.5	1.00	mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010B	GAL
Cadmium	0.225	0.0100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Chromium	6.86	5.00	mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010B	GAL
Copper	2.00	2.00	mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Iron	5760	5.0	mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Lead	3.80	0.05	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Manganese	47.1	0.5	mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Mercury	ND	0.098	mg/kg dry wt.	490	2082005	CK	31-Jul-12	7471A	GAL
Selenium	0.175	0.100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Silver	ND	0.0100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Uranium	0.182	0.0100	mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Zinc	15.7	5.0	mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL

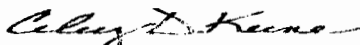
Inorganic Compounds

% Solids	100		%	1	2081705	CK	31-Jul-12	D2216	GAL
Chloride	ND	16.0	mg/kg	4	2072607	HM	26-Jul-12	4500-Cl-B	
Cyanide (total)	ND	0.250	mg/kg	50	2081706	CK	01-Aug-12	335.4	GAL
Fluoride	2.46	0.800	mg/kg	4	2081706	CK	02-Aug-12	4500F C	GAL
Nitrate/Nitrite as N	2.73	0.120	mg/kg dry wt.	6	2081707	CK	02-Aug-12	353.2	GAL
Nitrite as N	0.697	0.060	mg/kg dry wt.	3	2081707	CK	02-Aug-12	353.2	GAL
pH*	8.06	0.100	pH Units	1	2072701	HM	26-Jul-12	9045	
Phenols	ND	0.5	mg/kg dry wt.	1	2082008	CK	09-Aug-12	EPA9065	GAL
Sulfate	ND	10.0	mg/kg	1	2073105	HM	31-Jul-12	375.4	

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 Project: C & C LANDFARM
 Project Number: 5 YR MAINTENANCE NM-01-0012
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 23-Aug-12 10:42

CELL B - 1
H201708-01 (Soil)

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

GRO C6-C10	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctane		82.0 %	65.2-140		2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctadecane		107 %	63.6-154		2072601	MS	26-Jul-12	8015M	

Organic Compounds

PCB 1016	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1221	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1232	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1242	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1248	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1254	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1260	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
Surrogate: Tetrachloro-meta-xylene		47.9 %	35-140		2082009	CK	31-Jul-12	8082	SUB-SS

Radionuclides
SUB-RS

Radium-226	ND	1.1	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Radium-228	ND	1.0	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Total Radium	ND	1.1	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	

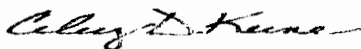
Volatile Organic Compounds by GCMS

Vinyl chloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1-Dichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Methylene chloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Chloroform*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Carbon tetrachloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,1-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Benzene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,2-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL B - 1
H201708-01 (Soil)

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

Trichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Toluene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	2072508	ms	26-Jul-12	8260	
o-Xylene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Total Xylenes*	ND	0.150	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,2,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Naphthalene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Surrogate: Dibromofluoromethane		90.6 %		70-130	2072508	ms	26-Jul-12	8260	
Surrogate: Toluene-d8		103 %		70-130	2072508	ms	26-Jul-12	8260	
Surrogate: 4-Bromofluorobenzene		93.0 %		70-130	2072508	ms	26-Jul-12	8260	

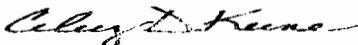
Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Acenaphthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Fluorene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Phenanthrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Carbazole	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Chrysene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL B - 1
H201708-01 (Soil)

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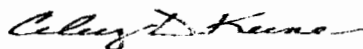
Cardinal Laboratories**Semivolatile Organic Compounds by GCMS**

Benzo[b]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[a]pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Surrogate: Nitrobenzene-d5		61.1 %		35-114	2072510	CK	31-Jul-12	8270C	
Surrogate: 2-Fluorobiphenyl		70.0 %		43-116	2072510	CK	31-Jul-12	8270C	
Surrogate: Terphenyl-d14		72.0 %		33-141	2072510	CK	31-Jul-12	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
 Project Number: 5 YR MAINTENANCE NM-01-0012
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 23-Aug-12 10:42

CELL B - 2
H201708-02 (Soil)

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

Arsenic	0.510	0.050 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Barium	14.2	1.00 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010B	GAL
Cadmium	0.111	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Chromium	1.83	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Copper	0.735	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Iron	2110	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Lead	1.64	0.05 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Manganese	32.9	0.5 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Mercury	ND	0.095 mg/kg dry wt.	476	2082005	CK	31-Jul-12	7471A	GAL
Selenium	ND	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Silver	ND	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Uranium	0.0738	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Zinc	11.2	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL

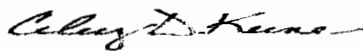
Inorganic Compounds

% Solids	100	%	1	2081705	CK	31-Jul-12	D2216	GAL
Chloride	ND	16.0 mg/kg	4	2072607	HM	26-Jul-12	4500-Cl-B	
Cyanide (total)	ND	0.250 mg/kg	50	2081706	CK	01-Aug-12	335.4	GAL
Fluoride	3.87	0.800 mg/kg	4	2081706	CK	02-Aug-12	4500F C	GAL
Nitrate/Nitrite as N	6.14	0.120 mg/kg dry wt.	6	2081707	CK	02-Aug-12	353.2	GAL
Nitrite as N	0.131	0.060 mg/kg dry wt.	3	2081707	CK	02-Aug-12	353.2	GAL
pH*	8.24	0.100 pH Units	1	2072701	HM	26-Jul-12	9045	
Phenols	ND	0.5 mg/kg dry wt.	1	2082008	CK	09-Aug-12	EPA9065	GAL
Sulfate	ND	10.0 mg/kg	1	2073105	HM	31-Jul-12	375.4	

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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
 Project Number: 5 YR MAINTENANCE NM-01-0012
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 23-Aug-12 10:42

CELL B - 2
H201708-02 (Soil)

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

GRO C6-C10	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctane		83.0 %	65.2-140		2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctadecane		109 %	63.6-154		2072601	MS	26-Jul-12	8015M	

Organic Compounds

PCB 1016	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1221	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1232	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1242	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1248	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1254	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1260	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
Surrogate: Tetrachloro-meta-xylene		36.3 %	35-140		2082009	CK	31-Jul-12	8082	SUB-SS

Radionuclides
SUB-RS

Radium-226	ND	0.90	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Radium-228	ND	1.4	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Total Radium	ND	1.4	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	

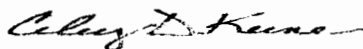
Volatile Organic Compounds by GCMS

Vinyl chloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1-Dichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Methylene chloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Chloroform*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Carbon tetrachloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,1-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Benzene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,2-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL B - 2
H201708-02 (Soil)

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

Trichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Toluene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	2072508	ms	26-Jul-12	8260	
o-Xylene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Total Xylenes*	ND	0.150	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,2,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Naphthalene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Surrogate: Dibromofluoromethane		91.0 %		70-130	2072508	ms	26-Jul-12	8260	
Surrogate: Toluene-d8		103 %		70-130	2072508	ms	26-Jul-12	8260	
Surrogate: 4-Bromofluorobenzene		92.9 %		70-130	2072508	ms	26-Jul-12	8260	

Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Acenaphthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Fluorene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Phenanthrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Carbazole	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Chrysene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

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Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL B - 2
H201708-02 (Soil)

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

Benzo[b]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[a]pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Surrogate: Nitrobenzene-d5		48.1 %		35-114	2072510	CK	31-Jul-12	8270C	
Surrogate: 2-Fluorobiphenyl		61.8 %		43-116	2072510	CK	31-Jul-12	8270C	
Surrogate: Terphenyl-d14		65.5 %		33-141	2072510	CK	31-Jul-12	8270C	

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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL B - 3
H201708-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories									
Total Metals									
Arsenic	1.00	0.050 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020		GAL
Barium	34.1	1.00 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010B		GAL
Cadmium	0.151	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020		GAL
Chromium	2.35	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020		GAL
Copper	2.70	2.00 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010		GAL
Iron	2850	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010		GAL
Lead	2.14	0.05 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020		GAL
Manganese	36.3	0.5 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010		GAL
Mercury	ND	0.095 mg/kg dry wt.	476	2082005	CK	31-Jul-12	7471A		GAL
Selenium	0.121	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020		GAL
Silver	ND	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020		GAL
Uranium	0.130	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020		GAL
Zinc	14.8	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010		GAL
Inorganic Compounds									
% Solids	100	%	1	2081705	CK	31-Jul-12	D2216		GAL
Chloride	ND	16.0 mg/kg	4	2072607	HM	26-Jul-12	4500-Cl-B		
Cyanide (total)	ND	0.250 mg/kg	50	2081706	CK	01-Aug-12	335.4		GAL
Fluoride	4.86	0.800 mg/kg	4	2081706	CK	02-Aug-12	4500F C		GAL
Nitrate/Nitrite as N	3.51	0.120 mg/kg dry wt.	6	2081707	CK	02-Aug-12	353.2		GAL
Nitrite as N	0.104	0.060 mg/kg dry wt.	3	2081707	CK	02-Aug-12	353.2		GAL
pH*	8.17	0.100 pH Units	1	2072701	HM	26-Jul-12	9045		
Phenols	ND	0.5 mg/kg dry wt.	1	2082008	CK	09-Aug-12	EPA9065		GAL
Sulfate	ND	10.0 mg/kg	1	2073105	HM	31-Jul-12	375.4		

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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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL B - 3 H201708-03 (Soil)

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

Organic Compounds

GRO C6-C10	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctane		79.3 %	65.2-140		2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctadecane		103 %	63.6-154		2072601	MS	26-Jul-12	8015M	

Organic Compounds

PCB 1016	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1221	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1232	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1242	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1248	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1254	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1260	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
Surrogate: Tetrachloro-meta-xylene		52.0 %	35-140		2082009	CK	31-Jul-12	8082	SUB-SS

Radionuclides

Radium-226	1.6 ± 0.2		pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	SUB-RS
Radium-228	ND	1.0	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Total Radium	1.6 ± 0.2		pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	

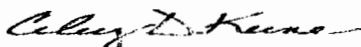
Volatile Organic Compounds by GCMS

Vinyl chloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1-Dichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Methylene chloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Chloroform*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Carbon tetrachloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,1-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Benzene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,2-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	

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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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL B - 3
H201708-03 (Soil)

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

Trichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Toluene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	2072508	ms	26-Jul-12	8260	
o-Xylene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Total Xylenes*	ND	0.150	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,2,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Naphthalene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Surrogate: Dibromofluoromethane		89.7 %	70-130		2072508	ms	26-Jul-12	8260	
Surrogate: Toluene-d8		102 %	70-130		2072508	ms	26-Jul-12	8260	
Surrogate: 4-Bromofluorobenzene		90.6 %	70-130		2072508	ms	26-Jul-12	8260	

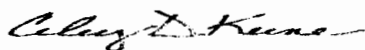
Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Acenaphthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Fluorene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Phenanthrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Carbazole	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Chrysene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	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 Project Number: 5 YR MAINTENANCE NM-01-0012 Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 23-Aug-12 10:42
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CELL B - 3
H201708-03 (Soil)

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

Benzo[b]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[a]pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Surrogate: Nitrobenzene-d5		44.0 %		35-114	2072510	CK	31-Jul-12	8270C	
Surrogate: 2-Fluorobiphenyl		53.8 %		43-116	2072510	CK	31-Jul-12	8270C	
Surrogate: Terphenyl-d14		54.0 %		33-141	2072510	CK	31-Jul-12	8270C	

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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL B - 4
H201708-04 (Soil)

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

Arsenic	0.422	0.050 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Barium	7.75	1.00 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010B	GAL
Cadmium	0.0655	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Chromium	1.67	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Copper	0.290	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Iron	2130	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Lead	1.35	0.05 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Manganese	16.7	0.5 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Mercury	ND	0.099 mg/kg dry wt.	495	2082005	CK	31-Jul-12	7471A	GAL
Selenium	ND	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Silver	ND	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Uranium	0.0340	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Zinc	6.7	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL

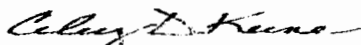
Inorganic Compounds

% Solids	100	%	1	2081705	CK	31-Jul-12	D2216	GAL
Chloride	ND	16.0 mg/kg	4	2072607	HM	26-Jul-12	4500-Cl-B	
Cyanide (total)	ND	0.250 mg/kg	50	2081706	CK	01-Aug-12	335.4	GAL
Fluoride	ND	0.800 mg/kg	4	2081706	CK	02-Aug-12	4500F C	GAL
Nitrate/Nitrite as N	1.50	0.120 mg/kg dry wt.	6	2081707	CK	02-Aug-12	353.2	GAL
Nitrite as N	0.271	0.060 mg/kg dry wt.	3	2081707	CK	02-Aug-12	353.2	GAL
pH*	8.28	0.100 pH Units	1	2072701	HM	26-Jul-12	9045	
Phenols	ND	0.5 mg/kg dry wt.	1	2082008	CK	09-Aug-12	EPA9065	GAL
Sulfate	ND	10.0 mg/kg	1	2073105	HM	31-Jul-12	375.4	

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 Project Number: 5 YR MAINTENANCE NM-01-0012 Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 23-Aug-12 10:42
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CELL B - 4 H201708-04 (Soil)

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

Organic Compounds

GRO C6-C10	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctane		79.6 %	65.2-140		2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctadecane		104 %	63.6-154		2072601	MS	26-Jul-12	8015M	

Organic Compounds

PCB 1016	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1221	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1232	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1242	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1248	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1254	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1260	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
Surrogate: Tetrachloro-meta-xylene		60.4 %	35-140		2082009	CK	31-Jul-12	8082	SUB-SS

Radionuclides

SUB-RS

Radium-226	ND	1.0	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Radium-228	ND	1.1	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Total Radium	ND	1.1	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	

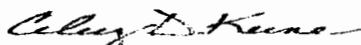
Volatile Organic Compounds by GCMS

Vinyl chloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1-Dichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Methylene chloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Chloroform*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Carbon tetrachloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,1-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Benzene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,2-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	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 Project Number: 5 YR MAINTENANCE NM-01-0012 Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 23-Aug-12 10:42
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CELL B - 4
H201708-04 (Soil)

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

Trichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Toluene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	2072508	ms	26-Jul-12	8260	
o-Xylene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Total Xylenes*	ND	0.150	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,2,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Naphthalene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Surrogate: Dibromofluoromethane		91.9 %		70-130	2072508	ms	26-Jul-12	8260	
Surrogate: Toluene-d8		102 %		70-130	2072508	ms	26-Jul-12	8260	
Surrogate: 4-Bromofluorobenzene		91.0 %		70-130	2072508	ms	26-Jul-12	8260	

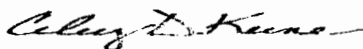
Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Acenaphthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Fluorene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Phenanthrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Carbazole	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Chrysene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	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 Project Number: 5 YR MAINTENANCE NM-01-0012 Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 23-Aug-12 10:42
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CELL B - 4
H201708-04 (Soil)

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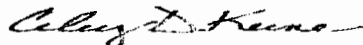
Cardinal Laboratories
Semivolatile Organic Compounds by GCMS

Benzo[b]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C
Benzo[a]pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C
Surrogate: Nitrobenzene-d5		44.4 %		35-114	2072510	CK	31-Jul-12	8270C
Surrogate: 2-Fluorobiphenyl		51.9 %		43-116	2072510	CK	31-Jul-12	8270C
Surrogate: Terphenyl-d14		50.2 %		33-141	2072510	CK	31-Jul-12	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 Project Number: 5 YR MAINTENANCE NM-01-0012 Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 23-Aug-12 10:42
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CELL D - 1 H201708-05 (Soil)

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

Total Metals

Arsenic	0.730	0.050 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Barium	13.9	1.00 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010B	GAL
Cadmium	0.0963	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Chromium	2.04	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Copper	0.570	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Iron	2920	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Lead	1.90	0.05 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Manganese	30.5	0.5 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Mercury	ND	0.098 mg/kg dry wt.	490	2082005	CK	31-Jul-12	7471A	GAL
Selenium	ND	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Silver	ND	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Uranium	0.0538	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Zinc	9.8	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL

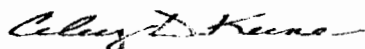
Inorganic Compounds

% Solids	100	%	1	2081705	CK	31-Jul-12	D2216	GAL
Chloride	ND	16.0 mg/kg	4	2072607	HM	26-Jul-12	4500-Cl-B	
Cyanide (total)	ND	0.250 mg/kg	50	2081706	CK	01-Aug-12	335.4	GAL
Fluoride	ND	0.800 mg/kg	4	2081706	CK	02-Aug-12	4500F C	GAL
Nitrate/Nitrite as N	0.909	0.120 mg/kg dry wt.	6	2081707	CK	02-Aug-12	353.2	GAL
Nitrite as N	0.083	0.060 mg/kg dry wt.	3	2081707	CK	02-Aug-12	353.2	GAL
pH*	8.13	0.100 pH Units	1	2072701	HM	26-Jul-12	9045	
Phenols	ND	0.5 mg/kg dry wt.	1	2082008	CK	09-Aug-12	EPA9065	GAL
Sulfate	ND	10.0 mg/kg	1	2073105	HM	31-Jul-12	375.4	

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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 Project Number: 5 YR MAINTENANCE NM-01-0012 Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 23-Aug-12 10:42
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CELL D - 1
H201708-05 (Soil)

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

GRO C6-C10	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctane		84.6 %	65.2-140		2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctadecane		106 %	63.6-154		2072601	MS	26-Jul-12	8015M	

Organic Compounds

PCB 1016	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1221	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1232	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1242	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1248	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1254	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1260	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
Surrogate: Tetrachloro-meta-xylene		83.0 %	35-140		2082009	CK	31-Jul-12	8082	SUB-SS

Radionuclides
SUB-RS

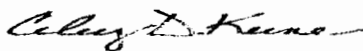
Radium-226	ND	1.4	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Radium-228	ND	1.2	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Total Radium	ND	1.4	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	

Volatile Organic Compounds by GCMS

Vinyl chloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1-Dichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Methylene chloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Chloroform*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Carbon tetrachloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,1-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Benzene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,2-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	

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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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL D - 1
H201708-05 (Soil)

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

Trichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Toluene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	2072508	ms	26-Jul-12	8260	
o-Xylene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Total Xylenes*	ND	0.150	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,2,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Naphthalene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Surrogate: Dibromofluoromethane		91.8 %		70-130	2072508	ms	26-Jul-12	8260	
Surrogate: Toluene-d8		104 %		70-130	2072508	ms	26-Jul-12	8260	
Surrogate: 4-Bromofluorobenzene		91.6 %		70-130	2072508	ms	26-Jul-12	8260	

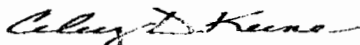
Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Acenaphthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Fluorene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Phenanthrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Carbazole	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Chrysene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242Project: C & C LANDFARM
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949Reported:
23-Aug-12 10:42**CELL D - 1**
H201708-05 (Soil)

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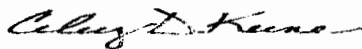
Cardinal Laboratories**Semivolatile Organic Compounds by GCMS**

Benzo[b]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[a]pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Surrogate: Nitrobenzene-d5		43.5 %		35-114	2072510	CK	31-Jul-12	8270C	
Surrogate: 2-Fluorobiphenyl		49.4 %		43-116	2072510	CK	31-Jul-12	8270C	
Surrogate: Terphenyl-d14		51.9 %		33-141	2072510	CK	31-Jul-12	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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL D - 2
H201708-06 (Soil)

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

Total Metals

Arsenic	0.716	0.050 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020		GAL
Barium	23.6	1.00 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010B		GAL
Cadmium	0.173	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020		GAL
Chromium	2.39	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020		GAL
Copper	1.11	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020		GAL
Iron	2960	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010		GAL
Lead	3.88	0.05 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020		GAL
Manganese	48.4	0.5 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010		GAL
Mercury	ND	0.095 mg/kg dry wt.	476	2082005	CK	31-Jul-12	7471A		GAL
Selenium	0.127	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020		GAL
Silver	ND	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020		GAL
Uranium	0.133	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020		GAL
Zinc	14.7	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010		GAL

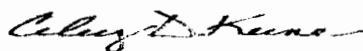
Inorganic Compounds

% Solids	100	%	1	2081705	CK	31-Jul-12	D2216		GAL
Chloride	ND	16.0 mg/kg	4	2072607	HM	26-Jul-12	4500-Cl-B		GAL
Cyanide (total)	ND	0.250 mg/kg	50	2081706	CK	01-Aug-12	335.4		GAL
Fluoride	2.35	0.800 mg/kg	4	2081706	CK	02-Aug-12	4500F C		GAL
Nitrate/Nitrite as N	4.48	0.120 mg/kg dry wt.	6	2081707	CK	02-Aug-12	353.2		GAL
Nitrite as N	0.166	0.060 mg/kg dry wt.	3	2081707	CK	02-Aug-12	353.2		GAL
pH*	7.94	0.100 pH Units	1	2072701	HM	26-Jul-12	9045		GAL
Phenols	ND	0.5 mg/kg dry wt.	1	2082008	CK	09-Aug-12	EPA9065		GAL
Sulfate	ND	10.0 mg/kg	1	2073105	HM	31-Jul-12	375.4		GAL

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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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL D - 2 H201708-06 (Soil)

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

Organic Compounds

GRO C6-C10	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctane		75.6 %	65.2-140		2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctadecane		102 %	63.6-154		2072601	MS	26-Jul-12	8015M	

Organic Compounds

PCB 1016	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1221	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1232	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1242	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1248	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1254	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1260	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
Surrogate: Tetrachloro-meta-xylene		65.3 %	35-140		2082009	CK	31-Jul-12	8082	SUB-SS

Radionuclides

SUB-RS

Radium-226	ND	1.4	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Radium-228	ND	1.4	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Total Radium	ND	1.4	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	

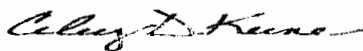
Volatile Organic Compounds by GCMS

Vinyl chloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1-Dichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Methylene chloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Chloroform*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Carbon tetrachloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,1-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Benzene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,2-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	

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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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL D - 2 H201708-06 (Soil)

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

Volatile Organic Compounds by GCMS

Trichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Toluene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	2072508	ms	26-Jul-12	8260	
o-Xylene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Total Xylenes*	ND	0.150	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,2,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Naphthalene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Surrogate: Dibromofluoromethane		92.3 %	70-130		2072508	ms	26-Jul-12	8260	
Surrogate: Toluene-d8		104 %	70-130		2072508	ms	26-Jul-12	8260	
Surrogate: 4-Bromofluorobenzene		92.7 %	70-130		2072508	ms	26-Jul-12	8260	

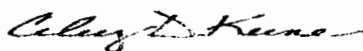
Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Acenaphthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Fluorene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Phenanthrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Carbazole	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Chrysene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:Eddie Seay Consulting
601 W. Illinois
Hobbs NM, 88242Project: C & C LANDFARM
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949Reported:
23-Aug-12 10:42**CELL D - 2**
H201708-06 (Soil)

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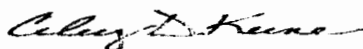
Cardinal Laboratories**Semivolatile Organic Compounds by GCMS**

Benzo[b]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[a]pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	2072510	CK	31-Jul-12	8270C	
Surrogate: Nitrobenzene-d5		34.9 %		35-114	2072510	CK	31-Jul-12	8270C	S-04
Surrogate: 2-Fluorobiphenyl		39.7 %		43-116	2072510	CK	31-Jul-12	8270C	S-04
Surrogate: Terphenyl-d14		43.3 %		33-141	2072510	CK	31-Jul-12	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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL D - 3
H201708-07 (Soil)

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

Arsenic	0.423	0.050 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Barium	18.7	1.00 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010B	GAL
Cadmium	0.132	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Chromium	1.95	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Copper	0.983	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Iron	2400	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Lead	2.13	0.05 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Manganese	37.6	0.5 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Mercury	ND	0.096 mg/kg dry wt.	481	2082005	CK	31-Jul-12	7471A	GAL
Selenium	ND	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Silver	ND	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Uranium	0.0693	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Zinc	12.6	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL

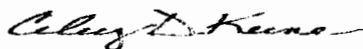
Inorganic Compounds

% Solids	100	%	1	2081705	CK	31-Jul-12	D2216	GAL
Chloride	ND	16.0 mg/kg	4	2072607	HM	26-Jul-12	4500-Cl-B	
Cyanide (total)	ND	0.250 mg/kg	50	2081706	CK	01-Aug-12	335.4	GAL
Fluoride	1.43	0.800 mg/kg	4	2081706	CK	02-Aug-12	4500F C	GAL
Nitrate/Nitrite as N	3.45	0.120 mg/kg dry wt.	6	2081707	CK	02-Aug-12	353.2	GAL
Nitrite as N	0.307	0.060 mg/kg dry wt.	3	2081707	CK	02-Aug-12	353.2	GAL
pH*	7.91	0.100 pH Units	1	2072701	HM	26-Jul-12	9045	
Phenols	ND	0.5 mg/kg dry wt.	1	2082008	CK	09-Aug-12	EPA9065	GAL
Sulfate	ND	10.0 mg/kg	1	2073105	HM	31-Jul-12	375.4	

Cardinal Laboratories

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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 Project Number: 5 YR MAINTENANCE NM-01-0012 Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 23-Aug-12 10:42
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CELL D - 3
H201708-07 (Soil)

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

GRO C6-C10	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctane		74.6 %	65.2-140		2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctadecane		99.2 %	63.6-154		2072601	MS	26-Jul-12	8015M	

Organic Compounds
I-02

PCB 1016	ND	10.0	ug/kg	1	2082009	CK	21-Aug-12	8082	SUB-SS
PCB 1221	ND	10.0	ug/kg	1	2082009	CK	21-Aug-12	8082	SUB-SS
PCB 1232	ND	10.0	ug/kg	1	2082009	CK	21-Aug-12	8082	SUB-SS
PCB 1242	ND	10.0	ug/kg	1	2082009	CK	21-Aug-12	8082	SUB-SS
PCB 1248	ND	10.0	ug/kg	1	2082009	CK	21-Aug-12	8082	SUB-SS
PCB 1254	ND	10.0	ug/kg	1	2082009	CK	21-Aug-12	8082	SUB-SS
PCB 1260	ND	10.0	ug/kg	1	2082009	CK	21-Aug-12	8082	SUB-SS
Surrogate: Tetrachloro-meta-xylene		72.4 %	35-140		2082009	CK	21-Aug-12	8082	SUB-SS

Radionuclides
SUB-RS

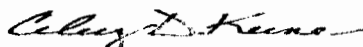
Radium-226	ND	1.0	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Radium-228	ND	1.2	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Total Radium	ND	1.2	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	

Volatile Organic Compounds by GCMS

Vinyl chloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1-Dichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Methylene chloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Chloroform*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Carbon tetrachloride*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,1-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Benzene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,2-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	

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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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL D - 3
H201708-07 (Soil)

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

Trichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Toluene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	2072508	ms	26-Jul-12	8260	
o-Xylene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Total Xylenes*	ND	0.150	mg/kg	50	2072508	ms	26-Jul-12	8260	
1,1,2,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Naphthalene*	ND	0.0500	mg/kg	50	2072508	ms	26-Jul-12	8260	
Surrogate: Dibromofluoromethane		92.4 %		70-130	2072508	ms	26-Jul-12	8260	
Surrogate: Toluene-d8		103 %		70-130	2072508	ms	26-Jul-12	8260	
Surrogate: 4-Bromofluorobenzene		93.4 %		70-130	2072508	ms	26-Jul-12	8260	

Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Acenaphthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Fluorene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Phenanthrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Carbazole	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Chrysene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	

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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
 Project Number: 5 YR MAINTENANCE NM-01-0012
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 23-Aug-12 10:42

CELL D - 3
H201708-07 (Soil)

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

Benzo[b]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[a]pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Surrogate: Nitrobenzene-d5		44.6 %		35-114	2072510	CK	01-Aug-12	8270C	
Surrogate: 2-Fluorobiphenyl		55.4 %		43-116	2072510	CK	01-Aug-12	8270C	
Surrogate: Terphenyl-d14		60.9 %		33-141	2072510	CK	01-Aug-12	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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL D - 4
H201708-08 (Soil)

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

Arsenic	0.461	0.050 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Barium	7.84	1.00 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010B	GAL
Cadmium	0.0592	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Chromium	1.69	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Copper	0.316	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Iron	2080	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Lead	1.37	0.05 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Manganese	17.1	0.5 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL
Mercury	ND	0.094 mg/kg dry wt.	472	2082005	CK	31-Jul-12	7471A	GAL
Selenium	ND	0.100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Silver	ND	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Uranium	0.0360	0.0100 mg/kg dry wt.	100	2082003	CK	01-Aug-12	6020	GAL
Zinc	6.0	5.0 mg/kg dry wt.	100	2082004	CK	31-Jul-12	6010	GAL

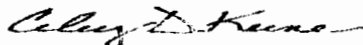
Inorganic Compounds

% Solids	100	%	1	2081705	CK	31-Jul-12	D2216	GAL
Chloride	ND	16.0 mg/kg	4	2072607	HM	26-Jul-12	4500-Cl-B	
Cyanide (total)	ND	0.250 mg/kg	50	2081706	CK	01-Aug-12	335.4	GAL
Fluoride	ND	0.800 mg/kg	4	2081706	CK	02-Aug-12	4500F C	GAL
Nitrate/Nitrite as N	1.93	0.120 mg/kg dry wt.	6	2081707	CK	02-Aug-12	353.2	GAL
Nitrite as N	0.141	0.060 mg/kg dry wt.	3	2081707	CK	02-Aug-12	353.2	GAL
pH*	8.32	0.100 pH Units	1	2072701	HM	26-Jul-12	9045	
Phenols	ND	0.5 mg/kg dry wt.	1	2082008	CK	09-Aug-12	EPA9065	GAL
Sulfate	ND	10.0 mg/kg	1	2073105	HM	31-Jul-12	375.4	

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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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL D - 4 H201708-08 (Soil)

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

Organic Compounds

GRO C6-C10	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctane		78.9 %	65.2-140		2072601	MS	26-Jul-12	8015M	
Surrogate: 1-Chlorooctadecane		104 %	63.6-154		2072601	MS	26-Jul-12	8015M	

Organic Compounds

PCB 1016	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1221	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1232	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1242	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1248	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1254	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
PCB 1260	ND	10.0	ug/kg	1	2082009	CK	31-Jul-12	8082	SUB-SS
Surrogate: Tetrachloro-meta-xylene		69.1 %	35-140		2082009	CK	31-Jul-12	8082	SUB-SS

Radionuclides

SUB-RS

Radium-226	ND	1.2	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Radium-228	ND	1.4	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	
Total Radium	ND	1.4	pCi/gram	1	2082007	CK	09-Aug-12	903.1/904	

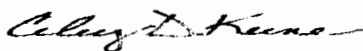
Volatile Organic Compounds by GCMS

Vinyl chloride*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1-Dichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Methylene chloride*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Chloroform*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Carbon tetrachloride*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,1-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Benzene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,2-Dichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	

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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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

CELL D - 4
H201708-08 (Soil)

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

Trichloroethene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Toluene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Tetrachloroethene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,2-Trichloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,2-Dibromoethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Ethylbenzene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
m-p Xylenes*	ND	0.100	mg/kg	50	2072508	ms	27-Jul-12	8260	
o-Xylene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Total Xylenes*	ND	0.150	mg/kg	50	2072508	ms	27-Jul-12	8260	
1,1,2,2-Tetrachloroethane*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Naphthalene*	ND	0.0500	mg/kg	50	2072508	ms	27-Jul-12	8260	
Surrogate: Dibromofluoromethane		94.7 %		70-130	2072508	ms	27-Jul-12	8260	
Surrogate: Toluene-d8		102 %		70-130	2072508	ms	27-Jul-12	8260	
Surrogate: 4-Bromofluorobenzene		91.7 %		70-130	2072508	ms	27-Jul-12	8260	

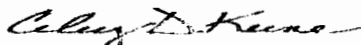
Semivolatile Organic Compounds by GCMS

Naphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
2-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
1-Methylnaphthalene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Acenaphthylene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Acenaphthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Fluorene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Phenanthrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Carbazole	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[a]anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Chrysene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	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
 Project Number: 5 YR MAINTENANCE NM-01-0012
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 23-Aug-12 10:42

CELL D - 4
H201708-08 (Soil)

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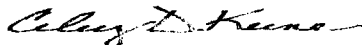
Cardinal Laboratories
Semivolatile Organic Compounds by GCMS

Benzo[b]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[k]fluoranthene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[a]pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Dibenz[a,h]anthracene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Benzo[g,h,i]perylene	ND	0.040	mg/kg	40	2072510	CK	01-Aug-12	8270C	
Surrogate: Nitrobenzene-d5		38.2 %		35-114	2072510	CK	01-Aug-12	8270C	
Surrogate: 2-Fluorobiphenyl		44.7 %		43-116	2072510	CK	01-Aug-12	8270C	
Surrogate: Terphenyl-d14		50.4 %		33-141	2072510	CK	01-Aug-12	8270C	

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* = Accredited Analyte

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Reported:
23-Aug-12 10:42

Total Metals by ICPMS - 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 2082003 - EPA 3050
Blank (2082003-BLK1)

Prepared & Analyzed: 01-Aug-12

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

LCS (2082003-BS1)

Prepared & Analyzed: 01-Aug-12

Uranium	0.0508	mg/kg	0.0500	102	85-115
Selenium	0.266	mg/L	0.250	106	85-115
Chromium	0.056	mg/L	0.0500	112	85-115
Silver	0.0541	mg/L	0.0500	108	85-115
Arsenic	0.054	mg/L	0.0500	109	85-115
Lead	0.05	mg/L	0.0500	105	85-115
Copper	0.0518	mg/kg	0.0500	104	85-115
Cadmium	0.0545	mg/L	0.0500	109	85-115

LCS Dup (2082003-BSD1)

Prepared & Analyzed: 01-Aug-12

Chromium	0.055	mg/L	0.0500	110	85-115	1.44	20
Silver	0.0523	mg/L	0.0500	105	85-115	3.38	20
Copper	0.0528	mg/kg	0.0500	106	85-115	1.91	20
Lead	0.05	mg/L	0.0500	102	85-115	2.71	20
Selenium	0.257	mg/L	0.250	103	85-115	3.44	20
Cadmium	0.0518	mg/L	0.0500	104	85-115	5.08	20

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Celestine D. Keene, Lab Director/Quality Manager

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Hobbs NM, 88242

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Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

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 2082003 - EPA 3050

LCS Dup (2082003-BSD1)

Prepared & Analyzed: 01-Aug-12

Uranium	0.0490		mg/kg	0.0500		98.0	85-115	3.61	20	
Arsenic	0.052		mg/L	0.0500		104	85-115	5.08	20	

Batch 2082004 - EPA 3050

Blank (2082004-BLK1)

Prepared & Analyzed: 31-Jul-12

Iron	10.2	5.0	mg/kg dry wt.							B
Barium	ND	1.00	mg/kg dry wt.							
Chromium	ND	5.00	mg/kg dry wt.							
Zinc	ND	5.0	mg/kg dry wt.							
Manganese	ND	0.5	mg/kg dry wt.							
Copper	ND	2.00	mg/kg dry wt.							

LCS (2082004-BS1)

Prepared & Analyzed: 31-Jul-12

Chromium	2.01		mg/kg	2.00		100	85-115			
Iron	4.0		mg/kg	4.00		99.0	85-115			
Barium	1.93		mg/kg	2.00		96.5	85-115			
Copper	4.01		mg/kg	4.00		100	85-115			
Manganese	2.0		mg/kg	2.00		99.5	85-115			
Zinc	1.9		mg/kg	2.00		95.5	85-115			

LCS Dup (2082004-BSD1)

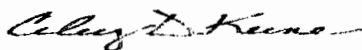
Prepared & Analyzed: 31-Jul-12

Chromium	2.02		mg/kg	2.00		101	85-115	0.496	20	
Iron	4.0		mg/kg	4.00		100	85-115	1.50	20	
Barium	1.95		mg/kg	2.00		97.5	85-115	1.03	20	
Copper	4.05		mg/kg	4.00		101	85-115	0.993	20	
Manganese	2.0		mg/kg	2.00		100	85-115	1.00	20	
Zinc	2.0		mg/kg	2.00		98.0	85-115	2.58	20	

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 Hobbs NM, 88242

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 Project Number: 5 YR MAINTENANCE NM-01-0012
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 23-Aug-12 10:42

Mercury (Total) by CVAA - 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 2082005 - EPA 7471
Blank (2082005-BLK1)

Prepared & Analyzed: 31-Jul-12

Mercury	ND	0.100	mg/kg dry wt.
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LCS (2082005-BS1)

Prepared & Analyzed: 31-Jul-12

Mercury	1.00		mg/kg	1.00	100	85-115
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LCS Dup (2082005-BSD1)

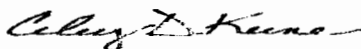
Prepared & Analyzed: 31-Jul-12

Mercury	0.900		mg/kg	1.00	90.0	85-115	10.5	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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

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 2072607 - 1:4 DI Water

Blank (2072607-BLK1)

Prepared & Analyzed: 26-Jul-12

Chloride ND 16.0 mg/kg

LCS (2072607-BS1)

Prepared & Analyzed: 26-Jul-12

Chloride 400 16.0 mg/kg 400 100 80-120

LCS Dup (2072607-BSD1)

Prepared & Analyzed: 26-Jul-12

Chloride 432 16.0 mg/kg 400 108 80-120 7.69 20

Batch 2072701 - 1:1 DI

LCS (2072701-BS1)

Prepared & Analyzed: 26-Jul-12

pH 7.07 pH Units 7.00 101 90-110

Duplicate (2072701-DUP1)

Source: H201708-01

Prepared & Analyzed: 26-Jul-12

pH 8.05 0.100 pH Units 8.06 0.124 20

Batch 2073105 - General Prep - Wet Chem

Blank (2073105-BLK1)

Prepared & Analyzed: 31-Jul-12

Sulfate ND 10.0 mg/kg

LCS (2073105-BS1)

Prepared & Analyzed: 31-Jul-12

Sulfate 17.5 10.0 mg/kg 20.0 87.5 80-120

LCS Dup (2073105-BSD1)

Prepared & Analyzed: 31-Jul-12

Sulfate 16.6 10.0 mg/kg 20.0 83.0 80-120 5.28 20

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601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

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 2081706 - General Prep
Blank (2081706-BLK1)

Prepared: 01-Aug-12 Analyzed: 02-Aug-12

Fluoride	ND	0.800	mg/kg						
Cyanide (total)	ND	0.250	mg/kg						

LCS (2081706-BS1)

Prepared: 01-Aug-12 Analyzed: 02-Aug-12

Fluoride	0.968		mg/L	1.00		96.8	85-115		
Cyanide (total)	0.0428		mg/L	0.0500		85.6	85-115		

LCS Dup (2081706-BSD1)

Prepared: 01-Aug-12 Analyzed: 02-Aug-12

Fluoride	0.925		mg/L	1.00		92.5	85-115	4.54	20
Cyanide (total)	0.0490		mg/L	0.0500		98.0	85-115	13.5	20

Batch 2081707 - General Prep
Blank (2081707-BLK1)

Prepared: 31-Jul-12 Analyzed: 02-Aug-12

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

LCS (2081707-BS1)

Prepared: 31-Jul-12 Analyzed: 02-Aug-12

Nitrite as N	0.101		mg/L	0.100		101	85-115		
Nitrate/Nitrite as N	0.101		mg/L	0.100		101	85-115		

LCS Dup (2081707-BSD1)

Prepared: 31-Jul-12 Analyzed: 02-Aug-12

Nitrite as N	0.100		mg/L	0.100		100	85-115	0.995	20
Nitrate/Nitrite as N	0.106		mg/L	0.100		106	85-115	4.83	20

Batch 2082008 - General Prep
Blank (2082008-BLK1)

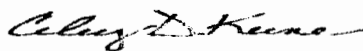
Prepared & Analyzed: 09-Aug-12

Phenols	ND	0.5	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 Project Number: 5 YR MAINTENANCE NM-01-0012 Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 23-Aug-12 10:42
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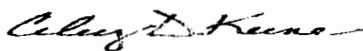
Inorganic Compounds - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 2082008 - General Prep									
LCS (2082008-BS1)				Prepared & Analyzed: 09-Aug-12					
Phenols	0.4		mg/kg	0.400		92.2	70-130		
Matrix Spike (2082008-MS1)				Source: H201708-02 Prepared & Analyzed: 09-Aug-12					
Phenols	3.8		mg/kg	4.08	0.0	93.4	70-130		
Matrix Spike Dup (2082008-MSD1)				Source: H201708-02 Prepared & Analyzed: 09-Aug-12					
Phenols	3.8		mg/kg	4.08	0.0	92.6	70-130	0.791	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
 Project Number: 5 YR MAINTENANCE NM-01-0012
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 23-Aug-12 10:42

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 2072601 - General Prep - Organics
Blank (2072601-BLK1)

Prepared & Analyzed: 26-Jul-12

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	43.2		mg/kg	50.0		86.4	65.2-140		
Surrogate: 1-Chlorooctadecane	53.8		mg/kg	50.0		108	63.6-154		

LCS (2072601-BS1)

Prepared & Analyzed: 26-Jul-12

GRO C6-C10	194	10.0	mg/kg	200		97.2	66.4-124	23.4	
DRO >C10-C28	222	10.0	mg/kg	200		111	61.6-132	23.1	
Surrogate: 1-Chlorooctane	49.7		mg/kg	50.0		99.5	65.2-140		
Surrogate: 1-Chlorooctadecane	59.7		mg/kg	50.0		119	63.6-154		

LCS Dup (2072601-BSD1)

Prepared & Analyzed: 26-Jul-12

GRO C6-C10	186	10.0	mg/kg	200		92.9	66.4-124	4.53	23.4
DRO >C10-C28	199	10.0	mg/kg	200		99.4	61.6-132	11.1	23.1
Surrogate: 1-Chlorooctane	47.6		mg/kg	50.0		95.2	65.2-140		
Surrogate: 1-Chlorooctadecane	55.6		mg/kg	50.0		111	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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

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 2082009 - 3550
Blank (2082009-BLK1)

Prepared: 26-Jul-12 Analyzed: 31-Jul-12

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 5.35 ug/L 10.0 53.5 35-140

LCS (2082009-BS1)

Prepared: 26-Jul-12 Analyzed: 31-Jul-12

PCB 1016	86.7		ug/L	100		86.7	40-130		
PCB 1260	80.0		ug/L	100		80.0	40-130		

Surrogate: Tetrachloro-meta-xylene 7.23 ug/L 10.0 72.3 35-140

Matrix Spike (2082009-MS1)

Source: H201708-03

Prepared: 26-Jul-12 Analyzed: 31-Jul-12

PCB 1016	78.4		ug/L	100	ND	78.4	40-130		
PCB 1260	55.7		ug/L	100	ND	55.7	40-130		

Surrogate: Tetrachloro-meta-xylene 7.19 ug/L 10.0 71.9 35-140

Matrix Spike Dup (2082009-MSD1)

Source: H201708-03

Prepared: 26-Jul-12 Analyzed: 31-Jul-12

PCB 1016	63.6		ug/L	100	ND	63.6	40-130	20.8	30
PCB 1260	51.8		ug/L	100	ND	51.8	40-130	7.26	30

Surrogate: Tetrachloro-meta-xylene 6.22 ug/L 10.0 62.2 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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

Volatile 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 2072508 - Volatiles

Blank (2072508-BLK1)

Prepared: 25-Jul-12 Analyzed: 26-Jul-12

Vinyl chloride	ND	0.0500	mg/kg							
1,1-Dichloroethene	ND	0.0500	mg/kg							
Methylene chloride	ND	0.0500	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	0.453		mg/kg	0.500		90.6	70-130			
Surrogate: Toluene-d8	0.517		mg/kg	0.500		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.485		mg/kg	0.500		97.0	70-130			

LCS (2072508-BS1)

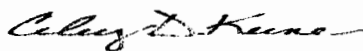
Prepared: 25-Jul-12 Analyzed: 26-Jul-12

Vinyl chloride	0.946	0.0500	mg/kg	1.00		94.6	70-130			
1,1-Dichloroethene	0.790	0.0500	mg/kg	1.00		79.0	70-130			
Methylene chloride	0.941	0.0500	mg/kg	1.00		94.1	70-130			
1,1-Dichloroethane	0.984	0.0500	mg/kg	1.00		98.4	70-130			
Chloroform	0.885	0.0500	mg/kg	1.00		88.5	70-130			
Carbon tetrachloride	1.01	0.0500	mg/kg	1.00		101	70-130			
1,1,1-Trichloroethane	0.986	0.0500	mg/kg	1.00		98.6	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 Project Number: 5 YR MAINTENANCE NM-01-0012 Project Manager: Eddie Seay Fax To: (505) 392-6949	Reported: 23-Aug-12 10:42
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Volatile Organic Compounds by GCMS - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2072508 - Volatiles
LCS (2072508-BS1)

Prepared: 25-Jul-12 Analyzed: 26-Jul-12

Benzene	0.981	0.0500	mg/kg	1.00		98.1	70-130		
1,2-Dichloroethane	0.940	0.0500	mg/kg	1.00		94.0	70-130		
Trichloroethene	0.988	0.0500	mg/kg	1.00		98.8	70-130		
Toluene	1.01	0.0500	mg/kg	1.00		101	70-130		
Tetrachloroethene	1.04	0.0500	mg/kg	1.00		104	70-130		
1,1,2-Trichloroethane	0.938	0.0500	mg/kg	1.00		93.8	70-130		
1,2-Dibromoethane	0.952	0.0500	mg/kg	1.00		95.2	70-130		
Ethylbenzene	1.01	0.0500	mg/kg	1.00		101	70-130		
m-p Xylenes	2.04	0.100	mg/kg	2.00		102	70-130		
o-Xylene	1.03	0.0500	mg/kg	1.00		103	70-130		
Total Xylenes	3.07	0.150	mg/kg	3.00		102	70-130		
1,1,2,2-Tetrachloroethane	0.918	0.0500	mg/kg	1.00		91.8	70-130		
Naphthalene	0.976	0.0500	mg/kg	1.00		97.6	70-130		
Surrogate: Dibromofluoromethane	0.488		mg/kg	0.500		97.6	70-130		
Surrogate: Toluene-d8	0.508		mg/kg	0.500		102	70-130		
Surrogate: 4-Bromofluorobenzene	0.507		mg/kg	0.500		101	70-130		

LCS Dup (2072508-BSD1)

Prepared: 25-Jul-12 Analyzed: 26-Jul-12

Vinyl chloride	0.975	0.0500	mg/kg	1.00		97.5	70-130	3.04	20
1,1-Dichloroethene	0.759	0.0500	mg/kg	1.00		75.9	70-130	4.02	20
Methylene chloride	0.954	0.0500	mg/kg	1.00		95.4	70-130	1.44	20
1,1-Dichloroethane	0.999	0.0500	mg/kg	1.00		99.9	70-130	1.52	20
Chloroform	0.902	0.0500	mg/kg	1.00		90.2	70-130	1.96	20
Carbon tetrachloride	1.02	0.0500	mg/kg	1.00		102	70-130	0.817	20
1,1,1-Trichloroethane	1.01	0.0500	mg/kg	1.00		101	70-130	2.53	20
Benzene	1.00	0.0500	mg/kg	1.00		100	70-130	2.25	20
1,2-Dichloroethane	0.963	0.0500	mg/kg	1.00		96.3	70-130	2.43	20
Trichloroethene	1.01	0.0500	mg/kg	1.00		101	70-130	2.54	20
Toluene	1.04	0.0500	mg/kg	1.00		104	70-130	2.25	20
Tetrachloroethene	1.05	0.0500	mg/kg	1.00		105	70-130	1.07	20
1,1,2-Trichloroethane	0.959	0.0500	mg/kg	1.00		95.9	70-130	2.22	20
1,2-Dibromoethane	0.966	0.0500	mg/kg	1.00		96.6	70-130	1.53	20

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601 W. Illinois
Hobbs NM, 88242

Project: C & C LANDFARM
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

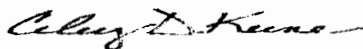
Volatile Organic Compounds by GCMS - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2072508 - Volatiles										
LCS Dup (2072508-BSD1) Prepared: 25-Jul-12 Analyzed: 26-Jul-12										
Ethylbenzene	1.03	0.0500	mg/kg	1.00		103	70-130	2.04	20	
m-p Xylenes	2.06	0.100	mg/kg	2.00		103	70-130	1.08	20	
o-Xylene	1.05	0.0500	mg/kg	1.00		105	70-130	2.03	20	
Total Xylenes	3.11	0.150	mg/kg	3.00		104	70-130	1.40	20	
1,1,2,2-Tetrachloroethane	0.933	0.0500	mg/kg	1.00		93.3	70-130	1.63	20	
Naphthalene	0.995	0.0500	mg/kg	1.00		99.5	70-130	1.93	20	
Surrogate: Dibromofluoromethane	0.493		mg/kg	0.500		98.6	70-130			
Surrogate: Toluene-d8	0.508		mg/kg	0.500		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.514		mg/kg	0.500		103	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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

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 2072510 - SW-846 3550

Blank (2072510-BLK1)

Prepared: 25-Jul-12 Analyzed: 31-Jul-12

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	0.869		mg/kg	2.00	43.4	35-114
Surrogate: 2-Fluorobiphenyl	1.10		mg/kg	2.00	55.0	43-116
Surrogate: Terphenyl-d14	1.13		mg/kg	2.00	56.7	33-141

LCS (2072510-BS1)

Prepared: 25-Jul-12 Analyzed: 31-Jul-12

Naphthalene	0.269	0.040	mg/kg	0.400	67.2	21-133
2-Methylnaphthalene	0.285	0.040	mg/kg	0.400	71.2	21-133
Acenaphthylene	0.312	0.040	mg/kg	0.400	78.1	33-145
Acenaphthene	0.324	0.040	mg/kg	0.400	81.1	47-145
Fluorene	0.340	0.040	mg/kg	0.400	85.1	59-121
Phenanthrene	0.356	0.040	mg/kg	0.400	89.0	54-120
Anthracene	0.442	0.040	mg/kg	0.400	111	27-133
Carbazole	0.388	0.040	mg/kg	0.400	96.9	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
Project Number: 5 YR MAINTENANCE NM-01-0012
Project Manager: Eddie Seay
Fax To: (505) 392-6949

Reported:
23-Aug-12 10:42

Semivolatile Organic Compounds by GCMS - Quality Control
Cardinal Laboratories

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

Batch 2072510 - SW-846 3550
LCS (2072510-BS1)

Prepared: 25-Jul-12 Analyzed: 31-Jul-12

Fluoranthene	0.375	0.040	mg/kg	0.400		93.8	26-137		
Pyrene	0.346	0.040	mg/kg	0.400		86.5	52-115		
Benzo[a]anthracene	0.358	0.040	mg/kg	0.400		89.6	33-143		
Chrysene	0.360	0.040	mg/kg	0.400		89.9	17-168		
Benzo[b]fluoranthene	0.421	0.040	mg/kg	0.400		105	24-159		
Benzo[k]fluoranthene	0.427	0.040	mg/kg	0.400		107	11-162		
Benzo[a]pyrene	0.371	0.040	mg/kg	0.400		92.7	17-163		
Indeno[1,2,3-cd]pyrene	0.318	0.040	mg/kg	0.400		79.6	0-171		
Dibenz[a,h]anthracene	0.316	0.040	mg/kg	0.400		78.9	0-227		
Benzo[g,h,i]perylene	0.308	0.040	mg/kg	0.400		77.0	0-219		
Surrogate: Nitrobenzene-d5	1.50		mg/kg	2.00		74.8	35-114		
Surrogate: 2-Fluorobiphenyl	1.92		mg/kg	2.00		96.1	43-116		
Surrogate: Terphenyl-d14	1.97		mg/kg	2.00		98.7	33-141		

LCS Dup (2072510-BSD1)

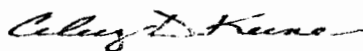
Prepared: 25-Jul-12 Analyzed: 31-Jul-12

Naphthalene	0.282	0.040	mg/kg	0.400		70.4	21-133	4.68	20
2-Methylnaphthalene	0.300	0.040	mg/kg	0.400		75.0	21-133	5.16	20
Acenaphthylene	0.313	0.040	mg/kg	0.400		78.3	33-145	0.377	20
Acenaphthene	0.324	0.040	mg/kg	0.400		81.1	47-145	0.0339	20
Fluorene	0.337	0.040	mg/kg	0.400		84.2	59-121	1.10	20
Phenanthrene	0.347	0.040	mg/kg	0.400		86.8	54-120	2.48	20
Anthracene	0.434	0.040	mg/kg	0.400		109	27-133	1.83	20
Carbazole	0.375	0.040	mg/kg	0.400		93.7	70-130	3.39	20
Fluoranthene	0.345	0.040	mg/kg	0.400		86.3	26-137	8.30	20
Pyrene	0.360	0.040	mg/kg	0.400		90.1	52-115	4.12	20
Benzo[a]anthracene	0.342	0.040	mg/kg	0.400		85.4	33-143	4.73	20
Chrysene	0.366	0.040	mg/kg	0.400		91.6	17-168	1.82	20
Benzo[b]fluoranthene	0.381	0.040	mg/kg	0.400		95.1	24-159	10.1	20
Benzo[k]fluoranthene	0.449	0.040	mg/kg	0.400		112	11-162	5.08	20
Benzo[a]pyrene	0.364	0.040	mg/kg	0.400		91.1	17-163	1.73	20
Indeno[1,2,3-cd]pyrene	0.365	0.040	mg/kg	0.400		91.2	0-171	13.6	20
Dibenz[a,h]anthracene	0.368	0.040	mg/kg	0.400		92.0	0-227	15.3	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
 Project Number: 5 YR MAINTENANCE NM-01-0012
 Project Manager: Eddie Seay
 Fax To: (505) 392-6949

 Reported:
 23-Aug-12 10:42

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 2072510 - SW-846 3550
LCS Dup (2072510-BSD1)

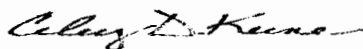
Prepared: 25-Jul-12 Analyzed: 31-Jul-12

Benzo[g,h,i]perylene	0.346	0.040	mg/kg	0.400		86.6	0-219	11.8	20	
Surrogate: Nitrobenzene-d5	1.56		mg/kg	2.00		78.2	35-114			
Surrogate: 2-Fluorobiphenyl	1.89		mg/kg	2.00		94.6	43-116			
Surrogate: Terphenyl-d4	2.01		mg/kg	2.00		101	33-141			

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Celey D. Keene, Lab Director/Quality Manager

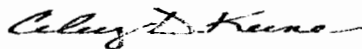
Notes and Definitions

Z-01	1.6 ± 0.2
SUB-SS	Analysis subcontracted to SunStar Laboratories, Inc.
SUB-RS	Analysis subcontracted to Radiation Safety Engineering, Inc.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
I-02	This result was analyzed outside of the EPA recommended holding time.
GAL	Analysis subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.
B	Analyte is found in the associated blank as well as in the sample (CLP B-flag).
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

1083

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Eddie Sany Consulting Project Manager: Eddie Sany Address: 601 W. Illinois City: Hobbs State: NM Zip: 88240 Phone #: 2-2234 Fax #: 2-6949 Project #: Cte Lawfirm Project Owner: J. Cooper Project Name: Cte Lawfirm Project Location: Monument N.M. Sub 3. 20.37. Sampler Name: Eddie Sany (E.S. Montano)		BILL TO P.O. #: Company: Attn: Address: City: State: Phone #: Fax #:		ANALYSIS REQUEST <table border="1"> <tr> <th>Lab I.D.</th> <th>Sample I.D.</th> <th>FOR LAB USE ONLY</th> <th>MATRIX</th> <th>GROUNDWATER</th> <th>WASTE WATER</th> <th>SOIL</th> <th>OIL</th> <th>SLUDGE</th> <th>GHEH</th> <th>ACID/BASE</th> <th>ICE / COOL</th> <th>OTHER</th> <th>PRESERV</th> <th>SAMPLING</th> <th>DATE</th> <th>TIME</th> </tr> <tr> <td>H201708</td> <td>Cell B-1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7/23</td> <td>7:15</td> </tr> <tr> <td>1</td> <td>Cell B-2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7/23</td> <td>7:50</td> </tr> <tr> <td>2</td> <td>Cell B-3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7/23</td> <td>8:20</td> </tr> <tr> <td>3</td> <td>Cell B-4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7/23</td> <td>8:55</td> </tr> <tr> <td>4</td> <td>Cell D-1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7/23</td> <td>9:20</td> </tr> <tr> <td>5</td> <td>Cell D-2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7/23</td> <td>9:45</td> </tr> <tr> <td>6</td> <td>Cell D-3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7/23</td> <td>10:30</td> </tr> <tr> <td>7</td> <td>Cell D-4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7/23</td> <td>11:00</td> </tr> </table>										Lab I.D.	Sample I.D.	FOR LAB USE ONLY	MATRIX	GROUNDWATER	WASTE WATER	SOIL	OIL	SLUDGE	GHEH	ACID/BASE	ICE / COOL	OTHER	PRESERV	SAMPLING	DATE	TIME	H201708	Cell B-1														7/23	7:15	1	Cell B-2														7/23	7:50	2	Cell B-3														7/23	8:20	3	Cell B-4														7/23	8:55	4	Cell D-1														7/23	9:20	5	Cell D-2														7/23	9:45	6	Cell D-3														7/23	10:30	7	Cell D-4														7/23	11:00
Lab I.D.	Sample I.D.	FOR LAB USE ONLY	MATRIX	GROUNDWATER	WASTE WATER	SOIL	OIL	SLUDGE	GHEH	ACID/BASE	ICE / COOL	OTHER	PRESERV	SAMPLING	DATE	TIME																																																																																																																																																						
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Relinquished By: Eddie Sany Relinquished By: Eddie Sany	Date: 7/24 Time: 10:30 Date: Time:	Received By: Eddie Sany Received By: Eddie Sany	Date: 7/24 Time: 10:30 Date: Time:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool - Intact Yes ☒ No ☐ Yes ☐ No ☐	
Phone Result: Yes ☐ No ☐ Fax Result: Yes ☐ No ☐ Remarks:		Phone Result: Yes ☐ No ☐ Fax Result: Yes ☐ No ☐ Remarks:	

cel 20.6.2.3103 A+B

2063



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

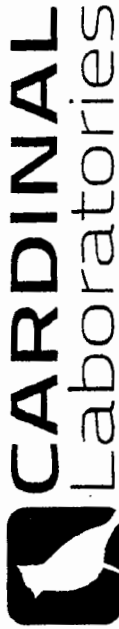
Company Name: Eddie Sany Consulting Project Manager: Eddie Sany Address: 601 W. Illinois City: Hobbs State: NM Zip: 88242 Phone #: 2-2234 Fax #: 2-6949 Project #: CTE Landform Project Owner: J. Cooper Project Name: CTE Landform NM. 01. 0012 Project Location: Monument NM Sub 3. 20. 37. Sampler Name: Eddie Sany (E.S. McIntosh) Fax #:		BILL TO P.O. #: Company: Attn: Address: City: State: Phone #: Fax #:		ANALYSIS REQUEST Benzo - a - pyrene Copper Lead Man gamma Sulfate Zinc Ben. 226 + Ra 228 Mercury F. No 3 Phenols pH			
FOR LAB USE ONLY Lab I.D. Sample I.D. H20108		MATRIX (G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER		PRESERV. ACID/BASE ICE / COOL OTHER		SAMPLING DATE TIME	

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Relinquished By: Eddie Sany Date: 7/24/04 Time: 10:30	Received By: Eddie Sany Date: 7/24/04 Time: 10:30	Sample Condition Cool Intact ☒ Yes ☐ No	CHECKED BY: Initials [Signature]
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		REMARKS: 40c	

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

3 of 3



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Eddie's Spay Consulting Project Manager: Eddie's Spay Address: 601 W. Illinois City: Hobbs State: NM Zip: 88240 Phone #: 2-2234 Fax #: 2-6949 Project #: CTE Lowflow Project Owner: J. Cooper Project Name: CTE Lowflow Alt. #: 01-002 Project Location: Monmouth NM Sit. #: 3-20-37 Sampler Name: Eddie's Spay (5yr. monitoring)		BILL TO P.O. #: Company: Attn: Address: City: State: Phone #: Fax #:		ANALYSIS REQUEST Carbon Tetrachloride PCB DCE PCE TCE Methylene Chloride Chloroform ED B Trichloroethane Vinyl chloride Polyvinyl Chloride															
FOR LAB USE ONLY Lab I.D. H20178		Sample I.D. Continues from page 1		MATRIX # CONTAINERS (G)RAB OR (C)OMP GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		PRESERV ACID/BASE: ICE/COOL OTHER:		SAMPLING DATE TIME											

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Relinquished By: Eddie's Spay Relinquished By:		Received By: Date: 4/24 Time: 10:30 Date: Time:		Sample Condition Cool Intact ☒ Yes ☐ No		CHECKED BY: (Initials) JH	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		REMARKS:					