NM1 - 41

MONITORING REPORTS

YEAR(S):

2007-2010

Arc Environmental

RECEIVED OCD

2011 APP 18 P 10: 14

P. O. Box 1772 Lovington, New Mexico 88260 (575) 631-9310 rozanne@valornet.com

August 14, 2011

Mr. Brad Jones NMOCD Environmental 1220 S. Saint Francis Drive Santa Fe, New Mexico 87504

Mr. Jones,

Following the receipt of your letter stating the sampling requirements for the landfarms in New Mexico a search of the OCD database showed several missing reports for the Lazy Ace Landfarm, permit number 41.

Enclosed are copies of the missing reports that did not show up on the database search. Should you have any questions, please call.

Sincerely,

Rózanne Johnson

Arc Environmental, LLC

Enclosure: Copies of Reports

Arc Environmental

P. O. Box 1772 Lovington, New Mexico 88260 (575) 631-9310 Rozanne Johnson ~ <u>rozanne@valornet.com</u>

January 12, 2011

Mr. Brad Jones NMOCD Environmental 1220 S. Saint Francis Drive Santa Fe, New Mexico 87504

Mr. Jones,

Enclosed are the sampling results for the various cells at the Lazy Ace Landfarm, permit number 41, located in Lea County New Mexico. The four independent samples were taken randomly for semi-annually monitoring of the vadose zone in each cell, three feet below the cell lift and backfilled with clay. Each sample was analyzed for GRO, DRO, Benzene, Toluene, Ethyl Benzene, Total Xylenes and Chlorides.

Should you have any questions, please call.

Sincerely,

Rozahne Johnson

Arc Environmental, LLC

Enclosure:

Copies of Analysis

2010 Semi - Annually GRO, DRO Chlorides & BTEX



January 12, 2011

DANNY BERRY

LAZY ACE LANDFARM, LLC

P. O. BOX 160

EUNICE, NM 88231

RE: LAZY ACE LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 01/06/11 11:44.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

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

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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



LAZY ACE LANDFARM, LLC **DANNY BERRY** P. O. BOX 160 **EUNICE NM, 88231**

Fax To:

(575) 397-2267

Received:

01/06/2011

Reported:

01/12/2011

Project Name:

LAZY ACE LANDFARM

Project Number: Project Location: NONE GIVEN

T20S-T34E-SEC 22M-LEA CTY., NM

Sampling Date: Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

12/29/2010

Jodi Henson

Sample ID: CELL A-1 VADOSE ZONE (H100034-01)

BTEX 8260B	mg/	'kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/10/2011	ND	2.10	105	2.00	2.05	•
Toluene*	<0.100	0.100	01/10/2011	ND	2.13	107	2.00	0.790	
Ethylbenzene*	<0.100	0.100	01/10/2011	ND	2.07	104	2.00	4.29	
Total Xylenes*	<0.300	0.300	01/10/2011	ND	5.59	93.2	6.00	2.56	
Surrogate: Dibromofluoromethane	113	% 80-120							
Surrogate: Toluene-d8	105	% 80-120	ı						
Surrogate: 4-Bromofluorobenzene	104 9	% 80-120	1						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: LR					-
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg/	kg	Analyze	d By: AB		<u>.</u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	187	93.3	200	2.65	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	169	84.5	200	24.8	
Surrogate: 1-Chlorooctane	93.6	% 70-130							
Surrogate: 1-Chlorooctadecane	97.3	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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LAZY ACE LANDFARM, LLC **DANNY BERRY** P. O. BOX 160 **EUNICE NM, 88231**

Fax To:

(575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-1 VADOSE ZONE (H100034-02)

BTEX 8260B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/10/2011	NĐ	2.10	105	2.00	2.05	
Toluene*	<0.100	0.100	01/10/2011	ND	2.13	107	2.00	0.790	
Ethylbenzene*	<0.100	0.100	01/10/2011	ND	2.07	104	2.00	4.29	
Total Xylenes*	<0.300	0.300	01/10/2011	ND	5.59	93.2	6.00	2.56	
Surrogate: Dibromofluoromethane	110%	6 80-120							
Surrogate: Toluene-d8	107 %	6 80-120				•			
Surrogate: 4-Bromofluorobenzene	98.9	% 80-120							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg/	kg	Analyze	d By: AB				······································	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	187	93.3	200	2.65	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	169	84.5	200	24.8	
Surrogate: 1-Chlorooctane	73.6 %	% 70-130		,					
Surrogate: 1-Chlorooctadecane	81.5 9	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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



LAZY ACE LANDFARM, LLC **DANNY BERRY** P. O. BOX 160 **EUNICE NM, 88231**

Fax To:

(575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number: •

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-1 VADOSE ZONE (H100034-03)

BTEX 8260B	mg/	/kg	Analyze	ed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/10/2011	ND	2.10	105	2.00	2.05	
Toluene*	<0.100	0.100	01/10/2011	ND	2.13	107	2.00	0.790	
Ethylbenzene*	<0.100	0.100	01/10/2011	ND	2.07	104	2.00	4.29	
Total Xylenes*	<0.300	0.300	01/10/2011	ND	5.59	93.2	6.00	2.56	
Surrogate: Dibromofluoromethane	115 9	% 80-120							
Surrogate: Toluene-d8	105 9	% 80-120							
Surrogate: 4-Bromofluorobenzene	98.5	% 80-120							
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg/	'kg	Analyze	ed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	187	93.3	200	2.65	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	169	84.5	200	24.8	
Surrogate: 1-Chlorooctane	91.6	% 70-130							
Surrogate: 1-Chlorooctadecane	102 9	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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LAZY ACE LANDFARM, LLC **DANNY BERRY** P. O. BOX 160 **EUNICE NM, 88231**

Fax To:

(575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-1 VADOSE ZONE (H100034-04)

ry True Value QC RPD Qualifier 2.00 2.05 2.00 0.790 2.00 4.29 6.00 2.56
2.00 0.790 2.00 4.29
2.00 4.29
6.00 2.56
ry True Value QC RPD Qualifier
400 3.51
·
y True Value QC RPD Qualifier
200 2.65
200 24.8

Cardinal Laboratories

*=Accredited Analyte

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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January 12, 2011

DANNY BERRY

LAZY ACE LANDFARM, LLC

P. O. BOX 160

EUNICE, NM 88231

RE: LAZY ACE LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 01/06/11 11:44.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

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

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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



LAZY ACE LANDFARM, LLC **DANNY BERRY** P. O. BOX 160 **EUNICE NM, 88231**

Fax To:

(575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Project Number:

Sample Received By:

Cool & Intact Jodi Henson

NONE GIVEN

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-2 VADOSE ZONE (H100035-01)

BTEX 8260B	mg/	/kg	Analyze	ed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/10/2011	ND	2.10	105	2.00	2.05	
Toluene*	<0.100	0.100	01/10/2011	ND	2.13	107	2.00	0.790	
Ethylbenzene*	<0.100	0.100	01/10/2011	ND	2.07	104	2.00	4.29	
Total Xylenes*	<0.300	0.300	01/10/2011	ND	5.59	93.2	6.00	2.56	
Surrogate: Dibromofluoromethane	1199	% 80-120							
Surrogate: Toluene-d8	106 9	% 80-120							
Surrogate: 4-Bromofluorobenzene	102 9	% 80-120							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg/	kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	250	100	250	4.12	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	238	95.1	250	3.38	
Surrogate: 1-Chlorooctane	73.6	% 70-130					44.4		
Surrogate: 1-Chlorooctadecane	113 9	% 70-130		•					

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*=Accredited Analyte

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LAZY ACE LANDFARM, LLC DANNY BERRY P. O. BOX 160 EUNICE NM, 88231

Fax To:

(575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-2 VADOSE ZONE (H100035-02)

BTEX 8260B	mg/	'kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/10/2011	ND	2.10	105	2.00	2.05	
Toluene*	<0.100	0.100	01/10/2011	ND	2.13	107	2.00	0.790	
Ethylbenzene*	<0.100	0.100	01/10/2011	ND	2.07	104	2.00	4.29	•
Total Xylenes*	<0.300	0.300	01/10/2011	ND	5.59	93.2	6.00	2.56	•
Surrogate: Dibromofluoromethane	110 9	% 80-120							
Surrogate: Toluene-d8	105 9	% 80-120							
Surrogate: 4-Bromofluorobenzene	106 9	% 80-120							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg/	kg	Analyze	d By: AB					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	250	100	250	4.12	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	238	95.1	250	3.38	
Surrogate: 1-Chlorooctane	61.3	% 70-130				***************************************			
Surrogate: 1-Chlorooctadecane	97.2	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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LAZY ACE LANDFARM, LLC DANNY BERRY P. O. BOX 160 EUNICE NM, 88231

Fax To:

(575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-2 VADOSE ZONE (H100035-03)

BTEX 8260B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/10/2011	ND	2.10	105	2.00	2.05	
Toluene*	<0.100	0.100	01/10/2011	ND	2.13	107	2.00	0.790	
Ethylbenzene*	<0.100	0.100	01/10/2011	ND	2.07	104	2.00	4.29	
Total Xylenes*	<0.300	0.300	01/10/2011	ND	5.59	93.2	6.00	2.56	
Surrogate: Dibromofluoromethane	111 9	6 80-120							
Surrogate: Toluene-d8	105 9	% 80-120							
Surrogate: 4-Bromofluorobenzene	98.9	% 80-120							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg/	kg	Analyze	d By: AB					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	250	100	250	4.12	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	238	95.1	250	3.38	
Surrogate: 1-Chlorooctane	55.8 9	% 70-130							
Surrogate: 1-Chlorooctadecane	94.3 9	% 70-130							
Surrogaic. 1-Chibrooctaactane	71.57	70-150							

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*=Accredited Analyte

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LAZY ACE LANDFARM, LLC DANNY BERRY P. O. BOX 160 EUNICE NM, 88231

Fax To:

(575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-2 VADOSE ZONE (H100035-04)

BTEX 8260B	mg,	'kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/10/2011	ND	2.10	105	2.00	2.05	
Toluene*	<0.100	0.100	01/10/2011	ND	2.13	107	2.00	0.790	
Ethylbenzene*	<0.100	0.100	01/10/2011	ND	2.07	104	2.00	4.29	
Total Xylenes*	<0.300	0.300	01/10/2011	ND	5.59	93.2	6.00	2.56	
Surrogate: Dibromofluoromethane	113	% 80-120	1						
Surrogate: Toluene-d8	105	% 80-120	l						
Surrogate: 4-Bromofluorobenzene	104	% 80-120	1						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg/	'kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	250	100	250	4.12	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	238	95.1	250	3.38	
Surrogate: 1-Chlorooctane	70.1	% 70-130		, .,, <u>.,</u>					
Surrogate: 1-Chlorooctadecane	100 9	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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LAB # FIELD CODE	ando(2)	AINERS		7							oz jar)		11)		21B/602	138	M	ပ္ခ	ls Ag As	als Ag As	ii Volatile	ficides	Shei	4. 8260B	mi. Vol.	32/608	8081A/6	Æ	Content	4	7a, Mg, 1	olved Sc		nd Time
(LAB USE)	(G)rab or (C)omp	# CONTAINERS	WATER	SOIL	AIR SLUDGE		HCL	HNO3	NaHSO ₄	H ₂ SO ₄	ICE (1-40Z	NONE	DATE (2011)	TIME	MTBE 8021B/602	BTEX 8021B	TPH 8015M	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Semi Volatiles	TCLP Pesticides	RCRA Metals	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content), english	Cations (Ca, Mg, Na, K) Anions (Cl. SO4, CO3, F	Total Dissolved Solids	Chlorides	Turn Around Time ~ 24 Hours
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Sampler - UPS - Bus - Other:	Intact	Yes		Ńο				Ĺ	17	H	_													•										



January 12, 2011

DANNY BERRY

LAZY ACE LANDFARM, LLC

P. O. BOX 160

EUNICE, NM 88231

RE: LAZY ACE LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 01/06/11 11:45.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005 Total Petroleum Hydorcarbons

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

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

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)

Method EPA 524.4 Regulated VOCs (V2, V3)

Celey D. Keine

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



LAZY ACE LANDFARM, LLC DANNY BERRY P. O. BOX 160 EUNICE NM, 88231

Fax To: (575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-3 VADOSE ZONE (H100036-01)

BTEX 8260B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/10/2011	ND	2.10	105	2.00	2.05	
Toluene*	<0.100	0.100	01/10/2011	· ND	2.13	107	2.00	0.790	
Ethylbenzene*	<0.100	0.100	01/10/2011	ND	2.07	104	2.00	4.29	
Total Xylenes*	0.307	0.300	01/10/2011	. ND	5.59	93.2	6.00	2.56	
Surrogate: Dibromofluoromethane	1169	% 80-120		-					
Surrogate: Toluene-d8	106 9	% 80-120							
Surrogate: 4-Bromofluorobenzene	103 9	% 80-120							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg/	kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	187	93.3	200	2.65	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	169	84.5	200	24.8	
Surrogate: 1-Chlorooctane	107 %	6 70-130						,	
Surrogate: 1-Chlorooctadecane	115 9	6 70-130							

Cardinal Laboratories

*=Accredited Analyte

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LAZY ACE LANDFARM, LLC DANNY BERRY P. O. BOX 160 EUNICE NM, 88231

Fax To:

(575) 397-2267

Analyzed Day CMC

Received:

RTEY 92609

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

ma/ka

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-3 VADOSE ZONE (H100036-02)

BTEX 8260B	mg,	/kg	Analyze	ed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/10/2011	ND	2.10	105	2.00	2.05	
Toluene*	<0.100	0.100	01/10/2011	ND	2.13	107	2.00	0.790	
Ethylbenzene*	<0.100	0.100	01/10/2011	ND	2.07	104	2.00	4.29	
Total Xylenes*	<0.300	0.300	01/10/2011	ND	5.59	93.2	6.00	2.56	
Surrogate: Dibromofluoromethane	114	% 80-120							
Surrogate: Toluene-d8	104	% 80-120							
Surrogate: 4-Bromofluorobenzene	102	% 80-120							
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg,	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	187	93.3	200	2.65	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	169	84.5	200	24.8	
Surrogate: 1-Chlorooctane	103 9	% 70-130					TO THE STATE OF TH		
Surrogate: 1-Chlorooctadecane	108 9	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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LAZY ACE LANDFARM, LLC **DANNY BERRY** P. O. BOX 160 **EUNICE NM. 88231**

Fax To: (575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-3 VADOSE ZONE (H100036-03)

BTEX 8260B	mg,	/kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.100	0.100	01/10/2011	ND	2.10	105	2.00	2.05	•
Toluene*	<0.100	0.100	01/10/2011	ND	2.13	107	2.00	0.790	
Ethylbenzene*	<0.100	0.100	01/10/2011	ND	2.07	104	2.00	4.29	
Total Xylenes*	<0.300	0.300	01/10/2011	ND	5.59	93.2	6.00	2.56	
Surrogate: Dibromofluoromethane	117	% 80-120							
Surrogate: Toluene-d8	103	% 80-120						ı	
Surrogate: 4-Bromofluorobenzene	99.5	% 80-120							
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg/	'kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	187	93.3	200	2.65	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	169	84.5	200	24.8	
Surrogate: 1-Chlorooctane	101 9	% 70-130							
Surrogate: 1-Chlorooctadecane	114 9	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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LAZY ACE LANDFARM, LLC DANNY BERRY P. O. BOX 160 EUNICE NM, 88231

Fax To:

(575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-3 VADOSE ZONE (H100036-04)

BTEX 8260B	mg/	'kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/10/2011	ND	2.10	105	2.00	2.05	
Toluene*	<0.100	0.100	01/10/2011	ND	2.13	107	2.00	0.790	
Ethylbenzene*	<0.100	0.100	01/10/2011	ND	2.07	104	2.00	4.29	
Total Xylenes*	<0.300	0.300	01/10/2011	ND	5.59	93.2	6.00	2.56	
Surrogate: Dibromofluoromethane	115	% 80-120							
Surrogate: Toluene-d8	105	% 80-120							
Surrogate: 4-Bromofluorobenzene	97.6	% 80-120							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg/	kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	187	93.3	200	2.65	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	169	84.5	200	24.8	
Surrogate: 1-Chlorooctane	112 9	% 70-130							
Surrogate: 1-Chlorooctadecane	1179	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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Notes and Definitions

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500CHB does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Analyte NOT DETECTED at or above the reporting limit

ND

Cardinal Laboratories *=Accredited Analyte

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LAB # FIELD CODE (LAB USE)	(G)rab or (C)omp	# CONTAINERS	WATER	SOIL	AIR SLUDGE		нсг	HNO3	NaHSO ₄	12504	ICE (1-4oz jar) NONF	DATE (2011)	TIME	MTBE 8021B/602	BTEX 8021B	TPH 8015M	PAH 8270C	Total Metals Ag As Ba	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Semi Volatiles	TCLP Pesticides	RCRA Metals	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	Cations (Ca Mo Na K	Anions (Cl. SO4, CO3, HCO3)	Total Dissolved Solids	Chlorides	Tum Around Time ~ 24 Hours
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#26



January 12, 2011

DANNY BERRY

LAZY ACE LANDFARM, LLC

P. O. BOX 160

EUNICE, NM 88231

RE: LAZY ACE LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 01/06/11 11:45.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

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

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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



LAZY ACE LANDFARM, LLC **DANNY BERRY** P. O. BOX 160 **EUNICE NM, 88231**

Fax To:

(575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-4 VADOSE ZONE (H100037-01)

BTEX 8260B	mg,	/kg	Analyze	ed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/10/2011	ND	2.10	105	2.00	2.05	
Toluene*	<0.100	0.100	01/10/2011	ND	2.13	107	2.00	0.790	
Ethylbenzene*	<0.100	. 0.100	01/10/2011	ND	2.07	104	2.00	4.29	
Total Xylenes*	<0.300	0.300	01/10/2011	ND	5.59	93.2	6.00	2.56	
Surrogate: Dibromofluoromethane	117	% 80-120)						
Surrogate: Toluene-d8	106	% 80-120)						
Surrogate: 4-Bromofluorobenzene	105	% 80-120)						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg,	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	187	93.3	200	2.65	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	169	84.5	200	24.8	
Surrogate: 1-Chlorooctane	103	% 70-130	ı						
Surrogate: 1-Chlorooctadecane	114	% 70-130	•						

Cardinal Laboratories

*=Accredited Analyte

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LAZY ACE LANDFARM, LLC DANNY BERRY P. O. BOX 160 EUNICE NM, 88231

Fax To: (5

(575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-4 VADOSE ZONE (H100037-02)

BTEX 8260B	mg/	'kg	Analyze	ed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/10/2011	ND	2.10	105	2.00	2.05	
Toluene*	<0.100	0.100	01/10/2011	ND	2.13	107	2.00	0.790	
Ethylbenzene*	<0.100	0.100	01/10/2011	NĐ	2.07	104	2.00	4.29	
Total Xylenes*	<0.300	0.300	01/10/2011	ND	5.59	93.2	6.00	2.56	
Surrogate: Dibromofluoromethane	1169	% 80-120	1						
Surrogate: Toluene-d8	107 9	% 80-120							
Surrogate: 4-Bromofluorobenzene	103 9	% 80-120							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: LR					<u> </u>
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg/	kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	187	93.3	200	2.65	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	169	84.5	200	24.8	
Surrogate: 1-Chlorooctane	114 %	6 70-130							
Surrogate: 1-Chlorooctadecane	118 9	6 70-130							

Cardinal Laboratories

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LAZY ACE LANDFARM, LLC **DANNY BERRY** P. O. BOX 160 **EUNICE NM, 88231**

Fax To:

(575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-4 VADOSE ZONE (H100037-03)

BTEX 8260B	mg,	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/10/2011	ND	2.10	105	2.00	2.05	
Toluene*	<0.100	0.100	01/10/2011	ND	2.13	107	2.00	0.790	
Ethylbenzene*	<0.100	0.100	01/10/2011	ND	2.07	104	2.00	4.29	
Total Xylenes*	<0.300	0.300	01/10/2011	ND	5.59	93.2	6.00	2.56	
Surrogate: Dibromofluoromethane	118	% 80-120							
Surrogate: Toluene-d8	105	% 80-120							
Surrogate: 4-Bromofluorobenzene	99.1	% 80-120							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg/	kg	Analyze	d By: AB					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	187	93.3	200	2.65	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	169	84.5	200	24.8	
Surrogate: 1-Chlorooctane	1175	% 70-130	. 40	***************************************					
Surrogate: 1-Chlorooctadecane	131 9	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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



LAZY ACE LANDFARM, LLC **DANNY BERRY** P. O. BOX 160 **EUNICE NM, 88231**

Fax To:

(575) 397-2267

Analyzed By: CMS

ND

ND

Received:

BTEX 8260B

Total Xylenes*

DRO >C10-C28

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

5.59

169

93.2

84.5

Soil

6.00

200

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

mg/kg

Sample Received By:

Jodi Henson

2.56

24.8

Qualifier

NONE GIVEN

T20S-T34E-SEC 22M-LEA CTY., NM

0.300

10.0

Project Location:

<0.300

<10.0

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	
Benzene*	<0.100	0.100	01/10/2011	ND	2.10	105	2.00	2.05	
Toluene*	<0.100	0.100	01/10/2011	ND	2.13	107	2.00	0.790	
Ethylbenzene*	<0.100	0.100	01/10/2011	ND	2.07	104	2.00	4.29	

01/10/2011

01/12/2011

Surrogate: Dibromofluoromethane 110% 80-120 103 % 80-120 Surrogate: Toluene-d8 Surrogate: 4-Bromofluorobenzene 102 % 80-120

Sample ID: CELL A-4 VADOSE ZONE (H100037-04)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2011	ND	187	93.3	200	2.65	

Surrogate: 1-Chlorooctane 104 % 70-130 Surrogate: 1-Chlorooctadecane 113% 70-130

Cardinal Laboratories

*=Accredited Analyte

remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and ever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services he



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-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

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

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#26



January 12, 2011

DANNY BERRY
LAZY ACE LANDFARM, LLC
P. O. BOX 160
EUNICE, NM 88231

RE: LAZY ACE LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 01/06/11 11:45.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005 Total Petroleum Hydorcarbons

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



LAZY ACE LANDFARM, LLC **DANNY BERRY** P. O. BOX 160 **EUNICE NM, 88231**

Fax To:

(575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-5 VADOSE ZONE (H100038-01)

BTEX 8021B	mg,	/kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/11/2011	ND	1.61	80.7	2.00	2.68	
Toluene*	<0.100	0.100	01/11/2011	ND	1.68	84.1	2.00	4.74	
Ethylbenzene*	<0.100	0.100	01/11/2011	ND	1.86	92.9	2.00	5.30	
Total Xylenes*	<0.300	0.300	01/11/2011	ND	5.78	96.4	6.00	5.47	
Surrogate: 4-Bromofluorobenzene (PIL	107	% 70-130							
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg,	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2011	ND	187	93.3	200	2.65	
DRO >C10-C28	<10.0	10.0	01/12/2011	ND	169	84.5	200	24.8	
Surrogate: 1-Chlorooctane	84.0	% 70-130							
Surrogate: 1-Chlorooctadecane	88.1	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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LAZY ACE LANDFARM, LLC DANNY BERRY P. O. BOX 160 EUNICE NM, 88231

Fax To:

(575) 397-2267

Applement Rest CMC

Received:

01/06/2011

Reported:

01/12/2011

Project Name:

LAZY ACE LANDFARM

Project Number:

NONE GIVEN

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sampling Date:

te:

12/29/2010

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: CELL A-5 VADOSE ZONE (H100038-02)

BTEX 8021B	mg/	кд	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/11/2011	ND	1.61	80.7	2.00	2.68	
Toluene*	<0.100	0.100	01/11/2011	ND	1.68	84.1	2.00	4.74	
Ethylbenzene*	<0.100	0.100	01/11/2011	ND	1.86	92.9	2.00	5.30	
Total Xylenes*	<0.300	0.300	01/11/2011	ND	5.78	96.4	6.00	5.47	
Surrogate: 4-Bromofluorobenzene (PIL	112	% 70-130							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/07/2011	ND	448	112	400	3.51	
TPH 8015M	mg/	kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2011	ND	187	93.3	200	2.65	
DRO >C10-C28	<10.0	10.0	01/12/2011	ND	169	84.5	200	24.8	
Surrogate: 1-Chlorooctane	105 9	% 70-130							
Surrogate: 1-Chlorooctadecane	111 9	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

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LAZY ACE LANDFARM, LLC **DANNY BERRY** P. O. BOX 160 **EUNICE NM, 88231**

Fax To:

(575) 397-2267

Received:

01/06/2011

Reported:

01/12/2011

Project Name:

LAZY ACE LANDFARM

Project Number:

Project Location:

NONE GIVEN

T20S-T34E-SEC 22M-LEA CTY., NM

Sampling Date:

12/29/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: CELL A-5 VADOSE ZONE (H100038-03)

BTEX 8021B	mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.100	0.100	01/11/2011	ND	1.61	80.7	2.00	2.68	
Toluene*	<0.100	0.100	01/11/2011	ND	1.68	84.1	2.00	4.74	
Ethylbenzene*	<0.100	0.100	01/11/2011	ND	1.86	92.9	2.00	5.30	
Total Xylenes*	<0.300	0.300	01/11/2011	ND	5.78	96.4	6.00	5.47	
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 70-130							
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/07/2011	ND	432	108	400	3.64	
TPH 8015M	mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2011	ND	187	93.3	200	2.65	
DRO >C10-C28	<10.0	10.0	01/12/2011	ND	169	84.5	200	24.8	
Surrogate: 1-Chlorooctane	90.4	% 70-130					71 of \$1 MARKET STALLS SALLOW		*
Surrogate: 1-Chlorooctadecane	100 9	% 70-130							

Cardinal Laboratories *=Accredited Analyte

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LAZY ACE LANDFARM, LLC DANNY BERRY P. O. BOX 160 EUNICE NM, 88231

Fax To:

(575) 397-2267

Received:

01/06/2011

Reported:

01/12/2011

Project Name:

LAZY ACE LANDFARM

Project Number:

NONE GIVEN

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sampling Date:

12/29/2010

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: CELL A-5 VADOSE ZONE (H100038-04)

BTEX 8021B	mg,	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/12/2011	ND	1.61	80.7	2.00	2.68	
Toluene*	<0.100	0.100	01/12/2011	ND	1.68	84.1	2.00	4.74	
Ethylbenzene*	<0.100	0.100	01/12/2011	ND	1.86	92.9	2.00	5.30	
Total Xylenes*	<0.300	0.300	01/12/2011	ND	5.78	96.4	6.00	5.47	
Surrogate: 4-Bromofluorobenzene (PIL	114	% 70-130)						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/07/2011	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	250	100	250	4.93	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	232	92.8	250	6.25	
Surrogate: 1-Chlorooctane	111	% 70-130							
Surrogate: 1-Chlorooctadecane	116	% 70-130	ı			•			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Uiability and Camages. Cardinal's liability and dient's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived uriles made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by clernt, its subclidaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated restors or otherwise. Results relate only to the samples identified above. The performance of the services hereunder by Cardinal regardless of whether such

Celuy D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit RPD Relative Percent Difference

Samples not received at proper temperature of 6°C or below.

Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Rezanne Jolyason 1-820001H 101 East Marland - Hobbs, New Mexico 88240 Tel (575) 393-2326 Fax (575) 393-2476 Sampler Delivered By Company Name: ONLY P. O. Box 160 Eunice, New Mexico 88231 oject Location T20S R34E Sec 22M ~ Lea County -New Mexico (575)369-5266 Danny Berry Lazy Ace Landfarm, LLC LAB# (Street, City, Zip) Cell A-5 Vadose Cell A-5 Vadose Cell A-5 Vadose Zanc Cell A-5 Vadose UPS - Bus -(Circle One) bate: Lazy Ace Landfarm roject Name 1-6-2011 FIELD CODE J. Colok No. oc Other: Time Time: Cardinal Laboratories, Inc 57:17 Fax # 000 Received By: Received by Sample Condition ရ ଜ G ଜ (G)rab or (C)omp Yes Yes BILL TO Company: P. O. Box 160 Eunice, New Mexico 88231
Phone#: Lazy Ace Landfarm, LLC Address: (575)369-5266 # CONTAINERS 8/8 7/8 WATER (Laboratory Staff) SOIL × × × AIR SLUDGE HCL PRESERVATIVE HNO₃ Rozanne Johnson (575)631-9310 <u>ozamecovelome; com</u> Date: METHOD NaHSO₄ (Street, City, Zip) H₂SO₄ ICE (1-4oz jar) Fax#: × (575)397-2267 NONE 12-29 12:15 12-29 12:05 12-29 11:50 12-29 11:4 SAMPLING **DATE (2011)** 11:45 TIME Fax Results MTBE 8021B/602 REMARKS: Phone Results BTEX 8021B × × × × × × TPH 8015M Email Results to: **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST** Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 LAB Order ID# TCLP Metals Ag As Ba Cd Cr Pb Se Hg Yes TCLP Volatiles (Circle or Specify Method No. Yes **ANALYSIS REQUEST** TCLP Semi Volatiles rozarine(d) valornet com **TCLP Pesticides** S Š **RCRA Metals** GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270C/625 Additional Fax Number PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na, K) Anions (CI, SO4, CO3, HCO3) Total Dissolved Solids Chlorides × × Turn Around Time ~ 24 Hours

6

age 1 of



January 12, 2011

DANNY BERRY

LAZY ACE LANDFARM, LLC

P. O. BOX 160

EUNICE, NM 88231

RE: LAZY ACE LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 01/06/11 11:45.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

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

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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Celey D. Keine



LAZY ACE LANDFARM, LLC **DANNY BERRY** P. O. BOX 160 **EUNICE NM, 88231**

Fax To:

(575) 397-2267

Received:

01/06/2011

01/12/2011

Sampling Date:

12/29/2010

Reported:

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL X-1 VADOSE ZONE (H100039-01)

BTEX 8021B	mg,	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2011	ND	1.61	80.7	2.00	2.68	
Toluene*	<0.050	0.050	01/11/2011	ND	1.68	84.1	2.00	4.74	
Ethylbenzene*	<0.050	0.050	01/11/2011	ND	1.86	92.9	2.00	5.30	
Total Xylenes*	<0.150	0.150	01/11/2011	ND	5.78	96.4	6.00	5.47	
Surrogate: 4-Bromofluorobenzene (PIL	106	% 70-130	1						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					······································
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/07/2011	ND	432	108	400	3.64	
TPH 8015M	mg,	kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	250	100	250	4.12	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	238	95.1	250	3.38	
Surrogate: 1-Chlorooctane	92.5	% 70-130			, ,				
Surrogate: 1-Chlorooctadecane	96.8	% 70-130	ı						

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LAZY ACE LANDFARM, LLC DANNY BERRY P. O. BOX 160 EUNICE NM, 88231

Fax To:

(575) 397-2267

Received:

01/06/2011

Reported:

01/12/2011

Project Name: Project Number: LAZY ACE LANDFARM

Project Location:

NONE GIVEN

T20S-T34E-SEC 22M-LEA CTY., NM

Sampling Date:

12/29/2010

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: CELL X-1 VADOSE ZONE (H100039-02)

BTEX 8021B	mg,	/kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2011	ND	1.61	80.7	2.00	2.68	
Toluene*	<0.050	0.050	01/11/2011	ND	1.68	84.1	2.00	4.74	
Ethylbenzene*	<0.050	0.050	01/11/2011	ND	1.86	92.9	2.00	5.30	
Total Xylenes*	<0.150	0.150	01/11/2011	ND	5.78	96.4	6.00	5.47	
Surrogate: 4-Bromofluorobenzene (PIL	111	% 70-130)						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/07/2011	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	250	100	250	4.12	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	238	95.1	250	3.38	
Surrogate: 1-Chlorooctane	80.0	% 70-130						***************************************	
Surrogate: 1-Chlorooctadecane	92.8	% 70-130	•						

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Celey D. Keine



LAZY ACE LANDFARM, LLC **DANNY BERRY** P. O. BOX 160 **EUNICE NM, 88231**

(575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL X-1 VADOSE ZONE (H100039-03)

BTEX 8021B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2011	ND	1.61	80.7	2.00	2.68	
Toluene*	<0.050	0.050	01/11/2011	ND	1.68	84.1	2.00	4.74	
Ethylbenzene*	<0.050	0.050	01/11/2011	ND	1.86	92.9	2.00	5.30	
Total Xylenes*	<0.150	0.150	01/11/2011	ND	5.78	96.4	6.00	5.47	
Surrogate: 4-Bromofluorobenzene (PIL	114 9	% 70-130							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/07/2011	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	250	100	250	4.12	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	238	95.1	250	3.38	
Surrogate: 1-Chlorooctane	89.0	% 70-130							
Surrogate: 1-Chlorooctadecane	97.9	% 70-130							

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LAZY ACE LANDFARM, LLC **DANNY BERRY** P. O. BOX 160 **EUNICE NM, 88231**

Fax To:

(575) 397-2267

Received:

01/06/2011

Sampling Date:

12/29/2010

Reported:

01/12/2011

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-T34E-SEC 22M-LEA CTY., NM

Sample ID: CELL X-1 VADOSE ZONE (H100039-04)

BTEX 8021B	mg,	'kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2011	ND	1.61	80.7	2.00	2.68	
Toluene*	<0.050	0.050	01/11/2011	ND	1.68	84.1	2.00	4.74	
Ethylbenzene*	<0.050	0.050	01/11/2011	ND	1.86	92.9	2.00	5.30	
Total Xylenes*	<0.150	0.150	01/11/2011	ND	5.78	96.4	6.00	5.47	
Surrogate: 4-Bromofluorobenzene (PIL	109								
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/07/2011	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/11/2011	ND	250	100	250	4.12	
DRO >C10-C28	<10.0	10.0	01/11/2011	ND	238	95.1	250	3.38	
Surrogate: 1-Chlorooctane	85.3	% 70-130							
Surrogate: 1-Chlorooctadecane	96.9	% 70-130							

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-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. Keine

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LAB# (LAB USE)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	WATER	SOIL	AIR SLUDGE		HCL	HNO3	NaHSO₄		ICE (1-4oz jar) NONE	DATE (2011)	(TIME	MTBE 8021B/602	BTEX 8021B	TPH 8015M	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As	TCLP Somi Volatiles	TCLP Pesticides	RCRA Metals	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	Ma Ma Ma Ma	Cations (Ca, Mg, Na, K) Anions (Cl. SO4, CO3, HCO3)	Total Dissolved Solids	Chlorides	Turn Around Time ~ 24 Hours
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#26

Arc Environmental

P. O. Box 1772 Lovington, New Mexico 88260 (575) 631-9310 Rozanne Johnson ~ rozanne@valornet.com

July 26, 2010

Mr. Brad Jones NMOCD Environmental 1220 S. Saint Francis Drive Santa Fe, New Mexico 87504

Mr. Jones,

Enclosed are the sampling results for the various cells at the Lazy Ace Landfarm, permit number 41, located in Lea County New Mexico. The four independent samples were taken randomly for semi-annually monitoring of the vadose zone in each cell, three feet below the cell lift and backfilled with clay. Each sample was analyzed for GRO, DRO, Benzene, Toluene, Ethyl Benzene, Total Xylenes and Chlorides.

Should you have any questions, please call.

Sincerely,

Rozanhe Johnson

Arc Environmental, LLC

Enclosure:

Copies of Analysis

Semi - Annually GRO, DRO Chlorides & BTEX



Danny Berry Lazy Ace Landfarm, LLC. P.O. Box 160 Eunice, NM 88231

Re: Lazy Ace Landfarm

Enclosed are the results of analyses for sample number H20291, received by the laboratory on 07/07/10 at 11:50 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

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

Cardinal Laboratories is accredited though 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 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Singerely,

Celey D/Keene



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, LLC ATTN: DANNY BERRY

P.O. BOX 160

EUNICE, NM 88231 FAX TO: (575) 397-2267

Receiving Date: 07/07/10 Reporting Date: 07/12/10

Project Name: LAZY ACE LANDFARM

SAMPLE ID

LAB NO.

Project Owner: NOT GIVEN

Project Location: T20S R34E SEC 22M-LEA COUNTY, NM

Sampling Date: 06/30/10

Sample Type: SOIL

Sample Condition: COOL & INTACT @ 1°C

Sample Received By: AB Analyzed By: AB/ZL/HM

GRO DRO ETHYL TOTAL

 $(C_{6}-C_{10})$ (>C₁₀-C₂₈) BENZENE TOLUENE BENZENE XYLENES CI*

(mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg)

ANALYSIS DATE:	07/09/10	07/09/10	07/09/10	07/09/10	07/09/10	07/09/10	07/08/10
H20291-1 CELL X-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
H20291-2 CELL X-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
H20291-3 CELL X-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
H20291-4 CELL X-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
					·		
Quality Control	533	524	0.009	0.009	0.009	0.027	500
True Value QC	500	500	0.010	0.010	0.010	0.030	500
% Recovery	107	105	90.0	90.0	90.0	90.0	100
Relative Percent Difference	1.2	1.8	5.7	5.2	6.2	6.4	3.8

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B *Analyses performed on 1:4 w:v aqueous extracts, Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

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(LABUSE) ONLY H2029/	(G)rab or (C)omp	# CONTAINER	WATER	SOIL	AIR	25.00.0	HCL	HNO ₃	NaHSO ₄	12SO4	ICE (1-4oz jar)	NONE PONE	DATE (2010)	TIME	MTBE 8021B/602	BTEX 8021B	TPH 8015M	PAH 8270C	Total Metals Ag A	TCLP Metals A	CLP Sen	TCLP Pesticides	RCRA Metals	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	CB's 80	Pesticides 8081A/608	30D, TSS	Moisture Content) ations (Anions (Cl, SO4, CO3, HCO3)	Total Diss	Chlorides	Turn Around Time ~ 24 Hours
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Danny Berry Lazy Ace Landfarm, LLC. P.O. Box 160 Eunice, NM 88231

Re: Lazy Ace Landfarm

Enclosed are the results of analyses for sample number H20296, received by the laboratory on 07/07/10 at 11:50 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

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

Total Petroleum Hydrocarbons

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

Cardinal Laboratories is accredited though 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 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely.

Celey D. Keene



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, LLC ATTN: DANNY BERRY P.O. BOX 160

EUNICE, NM 88231 FAX TO: (575) 397-2267

Receiving Date: 07/07/10 Reporting Date: 07/12/10

Project Owner: NOT GIVEN

Project Name: LAZY ACE LANDFARM

Project Location: T20S R34E SEC 22M-LEA COUNTY, NM

Sampling Date: 06/30/10

Sample Type: SOIL

Sample Condition: COOL & INTACT @ 1°C

Sample Received By: AB Analyzed By: AB/ZL/HM

(mg/kg)

GRO DRO **ETHYL TOTAL**

(mg/kg)

 (C_6-C_{10}) SAMPLE ID LAB NO. (>C₁₀-C₂₈) BENZENE TOLUENE BENZENE XYLENES CI* (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg)

ANALYSIS DATE:	07/10/10	07/10/10	07/09/10	07/09/10	07/09/10	07/09/10	07/09/10
H20296-1 CELL A-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
H20296-2 CELL A-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
H20296-3 CELL A-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
H20296-4 CELL A-1	<10.0	62.7	<0.050	<0.050	<0.050	<0.300	176
Quality Control	583	583	0.010	0.010	0.009	0.028	500
True Value QC	500	500	0.010	0.010	0.010	0.030	500
% Recovery	117	117	100	100	90.0	93.3	100
Relative Percent Difference	4.8	10.5	1.1	<1.0	<1.0	<1.0	3.9

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B *Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight. TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

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Danny Berry Lazy Ace Landfarm, LLC. P.O. Box 160 Eunice, NM 88231

Re: Lazy Ace Landfarm

Enclosed are the results of analyses for sample number H20295, received by the laboratory on 07/07/10 at 11:50 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

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

Cardinal Laboratories is accredited though 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 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely

Celey 193 Keene
Laboratory Director



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, LLC ATTN: DANNY BERRY P.O. BOX 160

EUNICE, NM 88231 FAX TO: (575) 397-2267

Receiving Date: 07/07/10

Reporting Date: 07/12/10

SAMPLE ID

Project Owner: NOT GIVEN Project Name: LAZY ACE LANDFARM

Project Location: T20S R34E SEC 22M-LEA COUNTY, NM

Sampling Date: 06/30/10

Sample Type: SOIL

Sample Condition: COOL & INTACT @ 1°C

Sample Received By: AB

Analyzed By: AB/ZL/HM

GRO DRO **ETHYL** TOTAL

 (C_6-C_{10}) (>C₁₀-C₂₈) BENZENE TOLUENE BENZENE XYLENES CI*

(ma/ka) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg)

ANALYSIS DATE:	07/10/10	07/10/10	07/09/10	07/09/10	07/09/10	07/09/10	07/09/10
H20295-1 CELL A-2	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
H20295-2 CELL A-2	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	96
H20295-3 CELL A-2	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
H20295-4 CELL A-2	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
Quality Control	583	583	0.010	0.010	0.009	0.028	500
True Value QC	500	500	0.010	0.010	0.010	0.030	500
% Recovery	117	117	100	100	90.0	93.3	100
Relative Percent Difference	4.8	10.5	1.1	<1.0	<1.0	<1.0	3.9

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B *Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

LAB NO.

101 East Marland - Hobbs, New Mexico 88240	I shoustouiss I	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
Tol (575) 393-2326 Cal ullial Fax (575) 393-2476	I Laboratories, inc.	LAB Order ID #
Company Name: Lazy Ace Landfarm, LLC	BILL TO Company: PO# Lazy Ace Landfarm, LLC	ANALYSIS REQUEST
Project Manager:	Address: (Street, City, Zip)	(Circle or Specify Method No.)
ny Be	P. O. Box 180 Eunice, New Mexico 88231	
Address: (Street, City, Zip)		.7
Box 160 Eunice, New Mexico 88231	(575)369-5266 (575)397-2267	/200
(575)260_5266 Fax#	***	108/
0070-800		_
Lazy Ace Landfarm	5	
Project Location:	Sampler Signature: Rozzanne Johnson (575)831-8310	Pb S
T20S R34E Sec 22M ~ Lea County -New Mexico	10/11/	Cr P
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ONLY (G)rab or	# CONT/ WATER SOIL AIR SLUDGE HCL HNO ₃ NAHSO ₄ H ₂ SO ₄ ICE (1-40 NONE DATE (20	MTBE 802 BTEX 802 BTEX 802 TPH 8015 PAH 8270 Total Meta TCLP Meta TCLP Sem TCLP Pest RCRA Met GC/MS Vo GC/MS Se Pesticides BOD, TSS Moisture C Anions (C Total Diss Chlorides
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7-7-10 11:50	1/2	Fax Results Yes No Additional Fax Number:
Reinquishgd-by: Date: Time:	Received By: (Laboratory Staff) Date: Time:	REMARKS: Email Results to: rozanne@valornet.com
Delivered By: (Circle One) Samp	Sample Condition CHECKED BY:	
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Danny Berry Lazy Ace Landfarm, LLC. P.O. Box 160 Eunice, NM 88231

Re: Lazy Ace Landfarm

Enclosed are the results of analyses for sample number H20294, received by the laboratory on 07/07/10 at 11:50 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005 Total Petroleum Hydrocarbons

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

Cardinal Laboratories is accredited though 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 524.2 Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, LLC ATTN: DANNY BERRY P.O. BOX 160

EUNICE. NM 88231 FAX TO: (575) 397-2267

Receiving Date: 07/07/10 Reporting Date: 07/12/10

Project Owner: NOT GIVEN

Project Name: LAZY ACE LANDFARM

Project Location: T20S R34E SEC 22M-LEA COUNTY, NM

Sampling Date: 06/30/10 Sample Type: SOIL

Sample Condition: COOL & INTACT @ 1°C

Sample Received By: AB Analyzed By: AB/ZL/HM

GRO DRO **ETHYL** TOTAL

LAB NO. SAMPLE ID (C₈-C₁₀) (>C₁₀-C₂₈) BENZENE TOLUENE BENZENE XYLENES CI*

(mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg)

ANALYSIS DATE:	07/10/10	07/10/10	07/09/10	07/09/10	07/09/10	07/09/10	07/08/10
H20294-1 CELL A-3	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	128
H20294-2 CELL A-3	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
H20294-3 CELL A-3	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
H20294-4 CELL A-3	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
Quality Control	583	583	0.010	0.010	0.009	0.028	500
True Value QC	500	500	0.010	0.010	0.009	0.020	500
							
% Recovery	117	117	100	100	90.0	93.3	100
Relative Percent Difference	4.8	10.5	1.1	<1.0	<1.0	<1.0	3.9

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B *Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,

AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

Director

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Danny Berry Lazy Ace Landfarm, LLC. P.O. Box 160 Eunice, NM 88231

Re: Lazy Ace Landfarm

Enclosed are the results of analyses for sample number H20293, received by the laboratory on 07/07/10 at 11:50 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

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

Cardinal Laboratories is accredited though 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 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely.

Celey D. Keene



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, LLC ATTN: DANNY BERRY

P.O. BOX 160 **EUNICE. NM 88231**

FAX TO: (575) 397-2267

Receiving Date: 07/07/10 Reporting Date: 07/12/10

Project Owner: NOT GIVEN

Project Name: LAZY ACE LANDFARM

Project Location: T20S R34E SEC 22M-LEA COUNTY, NM

Sampling Date: 06/30/10 Sample Type: SOIL

Sample Condition: COOL & INTACT @ 1°C

Sample Received By: AB Analyzed By: AB/ZL/HM

GRO DRO **ETHYL** TOTAL

LAB NO. SAMPLE ID (C_6-C_{10}) (>C₁₀-C₂₈) BENZENE TOLUENE BENZENE XYLENES CI* (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg)

ANALYSIS DATE: 07/10/10 07/10/10 07/09/10 07/09/10 07/09/10 07/09/10 07/08/10 H20293-1 CELL A-4 <10.0 <10.0 <0.050 <0.050 < 0.300 < 0.050 < 16 H20293-2 CELL A-4 <10.0 <10.0 <0.050 <0.050 <0.050 < 0.300 < 16 H20293-3 CELL A-4 <10.0 <10.0 < 0.050 <0.050 < 0.300 < 0.050 96 H20293-4 <10.0 CELL A-4 <0.300 <10.0 < 0.050 < 0.050 < 0.050 <16 **Quality Control** 583 583 0.009 0.028 500 0.010 0.010 True Value QC 500 500 0.030 500 0.010 0.010 0.010 % Recovery 117 117 100 100 90.0 93.3 100 Relative Percent Difference 4.8 10.5 1.1 <1.0 <1.0 3.9

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B *Analyses performed on 1:4 w:v aqueous extracts, Reported on wet weight. TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

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Danny Berry Lazy Ace Landfarm, LLC. P.O. Box 160 Eunice, NM 88231

Re: Lazy Ace Landfarm

Enclosed are the results of analyses for sample number H20292, received by the laboratory on 07/07/10 at 11:50 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

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

Cardinal Laboratories is accredited though 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 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, LLC ATTN: DANNY BERRY

P.O. BOX 160 EUNICE, NM 88231 FAX TO: (575) 397-2267

Receiving Date: 07/07/10 Reporting Date: 07/12/10

Project Owner: NOT GIVEN

Project Name: LAZY ACE LANDFARM

Project Location: T20S R34E SEC 22M-LEA COUNTY, NM

Sampling Date: 06/30/10 Sample Type: SOIL

Sample Condition: COOL & INTACT @ 1°C

Sample Received By: AB Analyzed By: AB/ZL/HM

GRO DRO **ETHYL** TOTAL SAMPLE ID (C_6-C_{10}) (>C₁₀-C₂₈) BENZENE TOLUENE BENZENE XYLENES CI* LAB NO. (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg)

ANALYSIS DATE:	07/09/10	07/09/10	07/09/10	07/09/10	07/09/10	07/09/10	07/08/10
H20292-1 CELL A-5	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
H20292-2 CELL A-5	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
H20292-3 CELL A-5	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
H20292-4 CELL A-5	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
							
Quality Control	533	524	0.009	0.009	0.009	0.027	500
True Value QC	500	500	0.010	0.010	0.010	0.030	500
% Recovery	107	105	90.0	90.0	90.0	90.0	100
Relative Percent Difference	1.2	1.8	5.7	5.2	6.2	6.4	<0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B *Analyses performed on 1:4 w:v aqueous extracts, Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

ab Director

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Arc Environmental

P. O. Box 1772 Lovington, New Mexico 88260 (575) 631-9310 Rozanne Johnson ~ rozanne@valornet.com

April 20, 2010

Mr. Brad Jones NMOCD Environmental 1220 S. Saint Francis Drive Santa Fe, New Mexico 87504

Mr. Jones,

Enclosed are the sampling results for the various cells at the Lazy Ace Landfarm, permit number 41, located in Lea County New Mexico. The samples were taken at approximately three feet below the cell lift and backfilled with clay.

Should you have any questions, please call.

Sincerely

Rozanne Johnson

Arc Environmental, LLC

Enclosure:

Copies of Analysis

Q1~2010 TPH & BTEX



April 5, 2010

Danny Berry Lazy Ace Landfarm, LLC. P.O. Box 160 Eunice, NM 88231

Re: Lazy Ace Landfarm

Enclosed are the results of analyses for sample number H19566, received by the laboratory on 03/29/10 at 2:45 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

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

Cardinal Laboratories is accredited though 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 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 4 (includes Chain of Custody)

Sincerely

Celey D. Keene



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, LLC ATTN: DANNY BERRY

P.O. BOX 160 **EUNICE, NM 88231** FAX TO: (575) 397-2267

Receiving Date: 03/29/10 Reporting Date: 04/05/10 Project Owner: NOT GIVEN

Project Name: LAZY ACE LANDFARM

Project Location: T20S R34E SEC 22M ~ LEA COUNTY, NM

Analysis Date: 03/31/10 Sampling Date: 03/29/10 Sample Type: SOIL

Sample Condition: COOL & INTACT @ 40C

Sample Received By: HM

Analyzed By: CK

418.1 LAB NUMBER SAMPLE ID TPH (mg/kg)

H19566-1	CELL A-1	<100
H19566-2	CELL A-2	<100
H19566-3	CELL A-3	<100
H19566-4	CELL A-4	<100
H19566-5	CELL A-5	<100
H19566-6	CELL X-1	<100
Quality Contro	ol	329
True Value Q	С	300
% Recovery		110
Relative Perc	ent Difference	1.5

METHOD: EPA 418.1. Reported on wet weight.

Not accredited for TPH 418.1



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM. LLC ATTN: DANNY BERRY

P. O. BOX 160 EUNICE, NM 88231 FAX TO (575) 397-2267

Receiving Date: 03/29/10

Reporting Date: 03/31/10

Project Owner: NOT GIVEN

Project Name: LAZY ACE LANDFARM

Project Location: T20S R34E SEC 22M ~LEA CO., NM

.. Tage Dage of and 154 co

Sampling Date: 03/29/10

Sample Type: SOIL

Sample Condition: COOL & INTACT @ 4 °C

Sample Received By: HM

Analyzed By: ZL

				ETHYL	TOTAL
LAB NO.	SAMPLE ID	BENZENE	TOLUENE	BENZENE	XYLENES
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
ANALYSIS	DATE:	03/31/10	03/31/10	03/31/10	03/31/10
H19566-1*	CELL A-1	<0.050	<0.050	<0.050	<0.300
H19566-2	CELL A-2	<0.050	<0.050	<0.050	< 0.300
H19566-3	CELL A-3	<0.050	<0.050	<0.050	<0.300
H19566-4*	CELL A-4	<0.050	<0.050	<0.050	<0.300
H19566-5*	CELL A-5	<0.050	<0.050	<0.050	<0.300
H19566-6*	CELL X-1	<0.050	<0.050	<0.050	<0.300
·					
Quality Cor	ntrol	0.049	0.059	0.055	0.164
True Value	QC	0.050	0.050	0.050	0.150

METHODS: BTEX - SW-846 8021B;

Relative Percent Difference

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Reported on wet weight.

98.0

3.2

*Surrogate outside historical limits due to matrix interference.

Lab Director

% Recovery

Date

118

4.3

110

2.2

109

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LAB# (LABUSE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	WATER	SOIL	AIR SLUDGE	Š	HCL	HNO ₃	H ₂ SO ₄	ICE (1-4oz jar)	NONE	DATE (2010)	TIME	MTBE 8021B/602	BTEX 8021B/602	РН 418.J/TX1005	PAH 8270C	otal Metals Ag As I	CLP Metals Ag As	TCLP Semi Volatiles	TCLP Pesticides	RCRA Metals	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	Cations (Ca Mo Na K)	Anions (CI, SO4, CO3, HCO3)	otal Dissolved So	Chlorides	Turn Around Time ~ 24 Hours
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Arc Environmental

P. O. Box 1772 Lovington, New Mexico 88260 (575) 631-9310 Rozanne Johnson ~ rozanne@valornet.com

October 20, 2009

Mr. Brad Jones NMOCD Environmental 1220 S. Saint Francis Drive Santa Fe, New Mexico 87504

Mr. Jones,

Enclosed are the sampling results for the various cells at the Lazy Ace Landfarm, permit number 41, located in Lea County New Mexico. The samples were taken at approximately three feet below the cell lift and backfilled with clay.

Should you have any questions, please call.

Sincerely

Rozanne Johnson

Arc Environmental, LLC

Enclosure: Copies of Analysis

Q3~2009 TPH & BTEX



September 30, 2009

Danny Berry Lazy Ace Landfarm, LLC. P.O. Box 160 Eunice, NM 88231

Re: Lazy Ace Landfarm

Enclosed are the results of analyses for sample number H18315, received by the laboratory on 09/24/09 at 11:21 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

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

Cardinal Laboratories is accredited though 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 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D/Keene

Laboratory Director



ANALYTICAL RESULTS FOR LAZE ACE LANDFARM, LLC ATTN: DANNY BERRY P.O. BOX 160

EUNICE, NM 88231 FAX TO: (575) 397-2267

Receiving Date: 09/24/09 Reporting Date: 09/30/09

Project Number: NOT GIVEN

Project Name: LAZE ACE LANDFARM

Project Location: T20S R34E SEC 22M ~LEA CO., NM

Sampling Date: 09/18/09 Sample Type: SOIL

Sample Condition: COOL & INTACT @ 6°C

Sample Received By: ML Analyzed By: AB/ZL

GRO DRO **ETHYL** TOTAL LAB NO. SAMPLE ID (C6-C10) $(>C_{10}-C_{28})$ BENZENE TOLUENE BENZENE **XYLENES** (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg)

						
ANALYSIS DATE:	09/25/09	09/25/09	09/29/09	09/29/09	09/29/09	09/29/09
H18315-1 CELL A-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H18315-2 CELL A-2	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H18315-3 CELL A-3	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H18315-4 CELL A-4	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H18315-5 CELL X-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
Quality Control	511	538	0.054	0.051	0.050	0.168
True Value QC	500	500	0.050	0.050	0.050	0.150
% Recovery	102	108	108	102	100	112
Relative Percent Difference	0.6	1.6	3.8	4.1	6.2	<1.0

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO

Lab Director

Date

9/30/09

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LAB# (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	WATER	SOIL	AIR SLUDGE		HCL	HNO3	NaHSO ₄ H.SO.	,	ICE (1-4oz jar) NONE	DATE (2009)	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 8015M GRO/DRO	TPH 418.1/TX1005	Total Metals Ag As E	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCRA Metals	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, C	Total Dissolved Solids	Chlorides	Tum Around Time ~ 24 Hours
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Arc Environmental

P. O. Box 1772 Lovington, New Mexico 88260 (575) 631-9310 Rozanne Johnson ~ rozanne@valornet.com

January 15, 2010

Mr. Brad Jones NMOCD Environmental 1220 S. Saint Francis Drive Santa Fe, New Mexico 87504

Mr. Jones,

Enclosed are the sampling results for the various cells at the Lazy Ace Landfarm, permit number 41, located in Lea County New Mexico. The samples were taken at approximately three feet below the cell lift and backfilled with clay.

Should you have any questions, please call.

Sincerely,

Rozanne Johnson

Arc Environmental, LLC

Enclosure:

Copies of Analysis

Q4~2009 TPH, BTEX, Cations, Anions and RCRA Metals



January 13, 2010

Danny Berry Lazy Ace Landfarm, LLC. P.O. Box 160 Eunice, NM 88231

Re: Lazy Ace Landfarm

Enclosed are the results of analyses for sample number H18920, received by the laboratory on 12/21/09 at 1:30 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

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

Cardinal Laboratories is accredited though 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 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 5 (includes Chain of Custody)

Sincerely,

Celey D. Keene

Laboratory Director



ANALYTICAL RESULTS FOR LAZE ACE LANDFARM, LLC ATTN: DANNY BERRY P.O. BOX 160

EUNICE, NM 88231 FAX TO: (575) 397-2267

Receiving Date: 12/21/09 Reporting Date: 12/28/09

Project Number: NOT GIVEN

Project Name: LAZE ACE LANDFARM

Project Location: T20S R34E SEC 22M ~LEA CO., NM

Sampling Date: 12/17/09 Sample Type: SOIL

Sample Condition: COOL & INTACT @ -1°C

Sample Received By: ZL Analyzed By: AB/ZL

LAB NO. SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:	12/24/09	12/24/09	12/22/09	12/22/09	12/22/09	12/22/09
H18920-1 CELL A-1	<10.0	<10.0	< 0.050	<0.050	<0.050	<0.300
H18920-2 CELL A-2	<10.0	<10.0	<0.050	<0.050	<0.050	< 0.300
H18920-3 CELL A-3	<10.0	<10.0	<0.050	<0.050	<0.050	< 0.300
H18920-4 CELL A-4	<10.0	<10.0	< 0.050	<0.050	<0.050	<0.300
H18920-5 CELL A-5	<10.0	<10.0	< 0.050	<0.050	<0.050	< 0.300
H18920-6 CELL X-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
Quality Control	445	552	0.050	0.051	0.050	0.152
True Value QC	500	500	0.050	0.050	0.050	0.150
% Recovery	89.0	110	100	102	100	101
Relative Percent Difference	1.5	0.5	<10	<1.0	<10	<10

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO

Lab Director/

01/13/10 Date



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, INC.

ATTN: DANNY BERRY

P.O. BOX 160

EUNICE, NM 88231 FAX TO: (575) 397-2267

Receiving Date: 12/21/09

Reporting Date: 01/08/09

Project Owner: NOT GIVEN

Project Name: LAZY ACE LANDFARM

Project Location: T20S R34E SEC 22M ~ LEA COUNTY

NEW MEXICO

Sampling Date: 12/17/09

Sample Type: SOIL

Sample Condition: COOL & INTACT @ -1°C

Sample Received By: ZL Analyzed By: JM/HM

Na	Ca	Mg	ĸ	T-Alkalinity
g/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mgCaCO ₃ /kg
2/31/09	12/31/09	12/31/09	12/31/09	01/07/1

LAB NUMBI SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mgCaCO ₃ /kg)
ANALYSIS DATE:	12/31/09	12/31/09	12/31/09	12/31/09	01/07/10
H18920-1 CELL A-1	15.5	1,070	1,120	1,190	304
H18920-2 CELL A-2	28.9	1,740	891	1,060	352
H18920-3 CELL A-3	182	944	975	1,360	192
H18920-4 CELL A-4	12.7	1,120	882	1,150	176
H18920-5 CELL A-5	34.7	1,080	894	938	240
H18920-6 CELL X-1	503	990	1,280	1,480	768
Quality Control	8.13	5.00	4.92	10.4	NR
True Value QC	8.10	5.00	5.00	10.0	NR
% Recovery	100	100	98.4	104	NR
Relative Percent Difference	0.6	0.7	0.3	1.0	NR

METHODS:	6010	6010	6010	6010	310.1
WE					0.0.1

	CI	SO₄	CO ₃	HCO ₃
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
ANALYSIS DATE:	01/08/10	01/07/10	01/07/10	01/07/10
H18920-1 CELL A-1	32	< 40	0	371
H18920-2 CELL A-2	< 16	< 40	0	429
H18920-3 CELL A-3	< 16	< 500*	0	234
H18920-4 CELL A-4	< 16	< 250*	0	215
H18920-5 CELL A-5	< 16	< 500*	0	293
H18920-6 CELL X-1	208	1,080	0	937
Quality Control	500	38.2	NR	988
True Value QC	500	40.0	NR	1000
% Recovery	100	95.4	NR	98.8
Relative Percent Difference	< 0.1	1.6	NR	< 0.1

METHODS: SM4500-CI-B 375.4 310.1 310.1

*Matrix interference./Elevated detection limit because of dilution. Not NELAP accredited for

Caţión/Anion.

Chemist

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



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, INC. ATTN: DANNY BERRY P.O. BOX 160

EUNICE, NM 88231 FAX TO: (575) 397-2267

Receiving Date: 12/21/09 Reporting Date: 01/08/09

Project Owner: NOT GIVEN

Project Name: LAZY ACE LANDFARM
Project Location: T20S R34E SEC 22M ~ LEA COUNTY

NEW MEXICO

Sampling Date: 12/17/09

Sample Type: SOIL

Sample Condition: COOL & INTACT @ -1°C

Sample Received By: ZL

Analyzed By: JM

RCRA METALS

LAB NO.	SAMPLE ID	As (mg/kg)	Ag (mg/kg)	Ba- (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Se (mg/kg)
ANALYSIS	DATE:	12/31/09	12/31/09	12/31/09	12/31/09	12/31/09	12/31/09	12/30/09	12/31/09
H18920-1	CELL A-1	< 10.0	< 1.0	33.0	< 1.0	6.79	< 5.0	< 0.1	< 20.0
H18920-2	CELL A-2	< 10.0	< 1.0	28.3	< 1.0	5.86	< 5.0	< 0.1	< 20.0
H18920-3	CELL A-3	< 10.0	< 1.0	35.0	. < 1.0	6.95	< 5.0	< 0.1	< 20.0
H18920-4	CELL A-4	< 10.0	< 1.0	28.9	< 1.0	5.79	< 5.0	< 0.1	< 20.0
H18920-5	CELL A-5	< 10.0	< 1.0	27.1	< 1.0	5.51	< 5.0	< 0.1	< 20.0
H18920-6	CELL X-1	< 10.0	< 1.0	50.8	< 1.0	7.52	< 5.0	< 0.1	< 20.0
Quality Con	ntrol	5.04	0.524	2.46	2.50	2.59	5.20	0.0020	10.2
True Value	QC	5.00	0.500	2.50	2.50	2.50	5.00	0.0020	10.0
% Recovery	1	101	105	98	100	104	104	100	102
Relative Sta	andard Deviation	1.4	< 0.1	0.5	0.5	< 0.1	0.5	< 0.1	< 0.1
METHODS:	EPA 600/4-91/010	6010	6010	6010	6010	6010	6010	7471	6010

Analyses subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.

Not NELAP accredited for RCRA Metals.

Chemist

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RECEIVED

2008 SEP 22 AM 8 24 Arc Environmental

P. O. Box 1772 Lovington, New Mexico 88260 (575) 631-9310 rozanne@valornet.com

August 28, 2008

Mr. Brad Jones NMOCD Environmental 1220 S. Saint Francis Drive Santa Fe, New Mexico 87504

Mr. Jones,

Enclosed are the sampling results for the various cells at the Lazy Ace Landfarm, permit number 41, located in Lea County New Mexico. The samples were taken at approximately three feet below the cell lift and backfilled with clay.

Should you have any questions, please call.

Sincerely,

Rozanne Johnson

Arc Environmental, LLC

Enclosure:

Copies of Analysis



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, LLC. ATTN: DANNY BERRY P.O. BOX 160 EUNICE, NM 88231 FAX TO: (575) 397-2267

Receiving Date: 06/18/08 Reporting Date: 06/30/08*

Project Number: NOT GIVEN

Project Name: LAZY ACE LANDFARM

Project Location: T20S R34E SEC 22M - LEA COUNTY, NM

Sampling Date: 06/13/08 Sample Type: SOIL

Sample Type. SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML Analyzed By: CK/AB

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS D	DATE:	06/24/08	06/24/08	06/19/08	06/19/08	06/19/08	06/19/08
H15012-1*	CELL A-2	<10.0	<10.0	<0.005	<0.005	< 0.005	<0.015
H15012-2	CELL A-3	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H15012-3	CELL A-4	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H15012-4	CELL X-1	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
Quality Cont	rol	408	607	0.092	0.090	0.089	0.270
True Value C	C C	500	500	0.100	0.100	0.100	0.300
% Recovery		81.6	121	91.6	90.0	89.3	90.0
Relative Per	cent Difference	4.2	1.3	0.6	1.0	1.2	2.4

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B.

*Note: Revised report. The TPH was re-analyzed on 06/27/08.

Chemist

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TPH soil x 4 = 360 BIEX soilx 4 = 240 \$ 60000

Q1~2008 TPH & BTEX



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, LLC ATTN: DANNY BERRY

P.O. BOX 160

EUNICE, NM 88231

FAX TO: (575) 397-2267

Receiving Date: 03/26/08 Reporting Date: 03/27/08

Project Number: NOT GIVEN

Project Name: LAZY ACE LANDFARM

Project Location: T20S R34E SEC 22M ~ LEA COUNTY, NM

Sampling Date: 03/25/08

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DAT	E	03/26/08	03/26/08	03/26/08	03/26/08
H14515-1	CELL A-2	<0.002	<0.002	<0.002	<0.006
H14515-2	CELL A-3	<0.002	<0.002	<0.002	<0.006
H14515-3	CELL A-4	<0.002	<0.002	<0.002	<0.006
H14515-4*	CELL X-1	<0.004	<0.004	<0.004	<0.012
Quality Control	,	0.097	0.109	0.107	0.312
True Value QC		0.100	0.100	0.100	0.300
% Recovery		97.3	109	107	104
Relative Percer	nt Difference	0.6	0.9	1.0	0.7

^{*}Smaller sample used for analysis due to purging problems.

METHOD: EPA SW-846 8260



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, LLC ATTN: DANNY BERRY

P.O. BOX 160 **EUNICE, NM 88231** FAX TO: (575) 397-2267

Receiving Date: 03/26/08 Reporting Date: 03/27/08

Project Name: LAZY ACE LANDFARM

LAB NUMBER SAMPLE ID

Project Number: NOT GIVEN

Project Location: T20S R34E SEC 22M ~ LEA COUNTY, NM

Sampling Date: 03/25/08

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: BC

TOTAL TPH GRO DRO (C_6-C_{28}) $(C_{6}-C_{10})$ (>C10-C28) (mg/kg) (mg/kg) (mg/kg)

H14515-2 CELL A-3 H14515-3 CELL A-4 H14515-4 CELL X-1 Blank Matrix Spike Matrix Spike Duplicate True Value % Recovery (Ave.)	03/26/08	03/26/08	03/26/08
H14515-1 CELL A-2	<50	<50	<50
H14515-2 CELL A-3	<50	<50	<50
H14515-3 CELL A-4	<50	<50	<50
H14515-4 CELL X-1	<50	<50	<50
Blank	<50	<50	<50
Matrix Spike	816	740	1556
Matrix Spike Duplicate	778	730	1508
True Value	800	800	1600
% Recovery (Ave.)	99.6	91.9	95.8
Relative Percent Deviation	4.8	1.4	3.1

METHOD: Texas 1005

TPH soil x $4 = 240^{\circ\circ}$

Q4 2007 ~ TPH, BTEX and WQCC metals



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, LLC ATTN: DANNY BERRY P.O. BOX 160

P.O. BOX 160 EUNICE, NM 88231

FAX TO: (575) 397-2267

Receiving Date: 12/21/07 Reporting Date: 12/27/07

Project Number: NOT GIVEN

Project Name: LAZY ACE LANDFARM

Project Location: T20S R34E SEC 22M ~ LEA COUNTY, NM

Sampling Date: 12/20/07

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: BC

TOTAL $^{\circ}$ GRO DRO TPH $^{\circ}$ (C₆-C₁₀) (>C₁₀-C₂₈) (C₆-C₂₈) LAB NUMBER SAMPLE ID (mg/Kg) (mg/Kg) (mg/Kg)

ANALYSIS DATE	12/21/07	12/21/07	12/21/07
H13969-1 CELL A-1	<50	<50	<50
H13969-2 CELL A-2	<50	<50	<50
H13969-3 CELL A-3	<50	<50	<50
H13969-4 CELL A-4	<50	<50	<50
H13969-5 CELL X-1	<50	<50	<50
Blank	<50	<50	<50
Matrix Spike	758	777	1529
Matrix Spike Duplicate	759	744	1503
True Value	800	800	1600
% Recovery (Ave.)	94.8	95.1	94.8
Relative Percent Deviation	0.1	4.3	1.7

METHOD: Texas 1005

Chemist



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, LLC ATTN: DANNY BERRY

P.O. BOX 160 EUNICE, NM 88231 FAX TO: (575) 397-2267

Receiving Date: 12/21/07

Reporting Date: 12/27/07

Project Number: NOT GIVEN

Project Name: LAZY ACE LANDFARM

Project Location: T20S R34E SEC 22M ~ LEA CO., NM

Sampling Date: 12/20/07

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: AB

			ETHYL:	TOTAL
	BENZENE	TOLUENE	BENZENE	XYLENES
LAB NUMBER SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE	12/26/07	12/26/07	12/26/07	12/26/07
H13969-1 CELL A-1	<0.001	<0.001	<0.001	<0.003
H13969-2 CELL A-2	<0.001	<0.001	<0.001	<0.003
H13969-3 CELL A-3	<0.001	<0.001	<0.001	<0.003
H13969-4 CELL A-4	<0.001	<0.001	<0.001	<0.003
H13969-5 CELL X-1	<0.001	<0.001	<0.001	<0.003
				,
			`	
Quality Control	0.101	0.097	0.097	0.304
True Value QC	0.100	0.100	0.100	0.300
% Recovery	101	97	97	101
Relative Percent Difference	19.3	17.6	15.0	17.5

METHOD: EPA SW-846 8021B

Chemist



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, LLC ATTN: DANNY BERRY

P.O. BOX 160 EUNICE, NM 88231 FAX TO: (575) 397-2267

Receiving Date: 12/21/07 Reporting Date: 01/03/08

Project Number: NOT GIVEN

Project Name: LAZY ACE LANDFARM

Project Location: T20S R34E SEC 22M ~ LEA COUNTY, NM

Sampling Date: 12/20/07

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: HM

RCRA METALS

LAB NO. SAMPLE ID	As	Ag	Ba	Cd	Cr	Pb	Hg	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ANALYSIS DATE:	01/03/08	12/27/07	12/27/07	12/28/07	01/03/08	12/27/07	01/03/08	12/31/07
H13969-1 CELL A-1	1.45	5.15	< 5.0	< 5.0	< 5.0	< 5.0	0.2	< 0.5
H13969-2 CELL A-2	3.45	< 5.0	< 5.0	< 5.0	5.80	< 5.0	< 0.1	< 0.5
H13969-3 CELL A-3	3.55	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 0.1	< 0.5
H13969-4 CELL A-4	3.40	< 5.0	< 5.0	< 5.0	6.25	< 5.0	< 0.1	< 0.5
H13969-5 CELL X-1	4.30	< 5.0	< 5.0	< 5.0	7.85	< 5.0	< 0.1	< 0.5
		-						
Quality Control	0.050	1.96	24.5	2.05	1.99	1.93	0.008	0.049
True Value QC	0.050	2.00	25.0	2.00	2.00	2.00	0.008	0.050
% Recovery	100	98.0	98.0	103	99.5	96.5	100	98.0
Relative Standard Deviation	9.3	0.2	3.1	0.1	1.3	2.2	< 0.1	2.3
METHODS: EPA 600/4-91/010	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

Chemist

01-03-08



ANALYTICAL RESULTS FOR LAZY ACE LANDFARM, LLC ATTN: DANNY BERRY P.O. BOX 160 EUNICE, NM 88231

FAX TO: (575) 397-2267

Receiving Date: 12/21/07 Reporting Date: 01/16/08 Project Number: NOT GIVEN

Project Number: NOT GIVEN
Project Name: LAZY ACE LANDFARM

Project Location: T20S R34E SEC 22M ~ LEA COUNTY, NM

Sampling Date: .12/20/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML Analyzed By: HM/KS

		Na	Ca	Mg	Κ	Conductivity	T-Alkalinity
LAB NUMBER	SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(uS/cm)	(mgCaCO ₃ /kg)
ANALYSIS DAT	E:	01/08/08	01/08/08	01/08/08	01/08/08	01/07/08	01/07/08
H13969-1	CELL A-1	485	69.2	22.6	14.2	317	1,296
H13969-2	CELL A-2	0	53.2	19.4	5.16	414	96.0
H13969-3	CELL A-3	. 8	74.5	12.9	5.44	508	128
H13969-4	CELL A-4	86	58.5	19.4	3.80	440	384
H13969-5	CELL X-1	0	85.2	25.8	12.2	578	288
Quality Control		NR	49.2	54.0	3.19	1,417	NR
True Value QC		NR	50.0	50.0	3.00	1,413	NR
% Recovery		NR	98.5	108	106	100	NR
Relative Percen	t Difference	NR	< 0.1	6.1	10.2	0.5	NR
METHODS:		SM	3500-Ca-D	3500-Mg E	8049	120.1	310.1
		CI ⁻	SO ₄	CO ₃	HCO ₃	pН	TDS
	•	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(s.u.)	(mg/kg)
ANALYSIS DAT	E:	01/07/08	01/07/08	01/07/08	01/07/08	01/07/08	01/09/08
H13969-1	CELL A-1	16	20.2	0	1,580	7.33	672
H13969-2	CELL A-2	< 16	109	0	117	7.48	512
H13969-3	CELL A-3	96	0.64	0	156	7.65	303
H13969-4	CELL A-4	16	12.2	0	468	7.95	758
H13969-5	CELL X-1	16	1.00	0	351	8.16	428
Quality Control		500	26.3	NR	1000	7.03	NR
True Value QC	t amp in Madella volen. Sold in a community in p eriod and the state experience in the co	500	25.0	NR	1000	7.00	NR
% Recovery	***************************************	100	105	NR	100	100	NR
Relative Percen	t Difference	< 0.1	5.8	NR	< 0.1	. 0.4	NR
METHODS:	,	SM4500-CI-B	375.4	310.1	310.1	150.1	160.1

^{*} Note: Analyses performed on 1:4 w:v aqueous extracts. Results should therefore be considered approximate.

Kusta Syruta

01/16/08

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for pedigence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. If how between the completion of the applicable service. If how between the completion of the applicable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

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Project Manager:			Lazy Ace Landfarm, LLC Address: (Street, City, Zip)												(Circle or Specify Method No.)																	
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LAB# (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	WATER	SOIL	AIR	SLUDGE	HCL	HNO3	NaHSO ₄	H ₂ SO ₄	ICE (2-402 jar) NONE	DATE (2007)	TIME	MTBE 8021B/802	BTEX 8021B/602	TPH 418.1/TX1005	FAH 82/UC	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCI P Peeticides	RCRA Metals	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	MOSILIE COREN	Cations (Ca, Mg, Na, K)	Anions (Ci, SO4, CO3,	Chlorides	Ciloroes
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