NM1 - ____41____

MONITORING REPORT

YEAR(S):

__2011 - 2012__

Arc Environmental

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

February 5, 2013

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

Mr. Jones,

Singerely,

Enclosed are the sampling results for the various cells at the Lazy Ace Landfarm, permit number 41, located in Lea County New Mexico for 2012. The samples were taken at approximately three feet below the cell lift and backfilled with clay.

Should you have any questions, please call.

Rozanne Johnson

Arc Environmental, LLC

Enclosure: Copies of Analysis

2013 MAR -8 P 12: 5'

BECEINED OCD



July 16, 2012

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 07/11/12 13:56.

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

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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey & Keine

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:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-1 VADOSE ZONE-A (H201582-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/11/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/11/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/11/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	102 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/13/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/13/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	73.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	97.9	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Uability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by client, and within thirty (39) days after completelon 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 subidiaries, 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 approval of Cardinal abordances.



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

Fax To:

(575) 397-2267

Received:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Name: Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-1 VADOSE ZONE-B (H201582-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/11/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/11/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/11/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIE	106	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/13/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/13/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	80.3	% 65.2-14	0			***************************************			
Surrogate: 1-Chlorooctadecane	101	% 63.6-15	4						

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 whistoever shall be idented 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 claims, 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 approval of Cardinal Laboratories.

Celey D. Keine



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

Fax To:

(575) 397-2267

Received:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

Project Number: Project Location: NONE GIVEN T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-1 VADOSE ZONE-C (H201582-03)

BTEX 8021B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	103	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/13/2012	ND	164	82.2	200	0.261	
DRO >C10-C28	<10.0	10.0	07/13/2012	ND	166	83.0	200	0.729	
Surrogate: 1-Chlorooctane	73.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	95.6	% 63.6-15	4						

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:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-1 VADOSE ZONE-D (H201582-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	103	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: AM	a-w-				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/13/2012	ND	164	82.2	200	0.261	
DRO >C10-C28	<10.0	10.0	07/13/2012	ND	166	83.0	200	0.729	
Surrogate: 1-Chlorooctane	72.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	94 .0	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Kune



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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	101 East Mariand - Hobbs, New	_ 5 ¥	Company Name: Lazy Ace Landfarm, LLC	roject Manager	Danny Berry	388:	P. O. Box 160 Eunice, New Mexico 88231	75)	Project #:	Project Location	20S		LAB#	LABUSE	47201582											Rozanne Johnson	Relinquished by:		Delivered By:	Sampler	
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July 16, 2012

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 07/11/12 13:56.

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

Cardinal Laboratories is 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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

Sampling Condition:

Cool & Intact

LAZY ACE LANDFARM NONE GIVEN

Sample Received By:

Jodi Henson

Project Number: Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-2 VADOSE ZONE-A (H201581-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
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Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AP					
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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
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DRO >C10-C28	<10.0	10.0	07/13/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	79.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	102	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keena



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

Fax To: (575) 397-2267

Received:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-2 VADOSE ZONE-B (H201581-02)

BTEX 8021B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	105	% 89.4-12	6						
Chloride, SM4500CI-B	mg /	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/13/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/13/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	81.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	103	% 63.6-15	4						

Cardinal Laboratories

PLEASE NOTE: Uability and Demages. Cardinal's liability and clients exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All daims, including those for negligence and any other cause whistoever 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 subcidaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such daims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. The performance of the samples identified above.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



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

Fax To:

(575) 397-2267

Received:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-2 VADOSE ZONE-C (H201581-03)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	106	% 89.4-12	6			· · · · · · · · · · · · · · · · · · ·			
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/13/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/13/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	78.I	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	101	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Kuna



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

Fax To:

(575) 397-2267

Received:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-2 VADOSE ZONE-D (H201581-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	104 9	% 89.4-12	6		V ************************************				
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/13/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/13/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	80.7	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	103 9	% 63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Kune



ND

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 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

Analyte NOT DETECTED at or above the reporting limit

Cardinal Laboratories *=Accredited Analyte

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Page 1 of 1

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Address: (S	(Street, City, Zip)			<u> </u>	Phone#:					Fax#	ŧ																		
P. O. Box 160	P. O. Box 180 Eunice, New Mexico 88231		(575)369-5266	369	-526	9				5	75)3	(575)397-2267				JU &	207/												
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Page 7 of 7



July 16, 2012

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 07/11/12 13:56.

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

Cardinal Laboratories is 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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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:

07/11/2012

07/16/2012

Sampling Date:

06/29/2012

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-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-3 VADOSE ZONE-A (H201580-01)

BTEX 8021B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	103	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	79.2	% 65.2-14	0					- >	
Surrogate: 1-Chlorooctadecane	101 9	63.6-15	4						

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:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Project Name: Project Number: LAZY ACE LANDFARM NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-3 VADOSE ZONE-B (H201580-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP				RPD 1.35 1.08 0.865 0.395 RPD 3.92 RPD 9.41 10.2	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	105	% 89.4-12	6				Name : 1		
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True V alue QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	83.1	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	104	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine



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

Fax To:

(575) 397-2267

Received:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Name: Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-3 VADOSE ZONE-C (H201580-03)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD 1.35 1.08 0.865 0.395 RPD 3.92 RPD 9.41 10.2	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	101	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	77.1	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	97.0	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey & Keene



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

(575) 397-2267 Fax To:

Received: Reported: 07/11/2012

07/16/2012

LAZY ACE LANDFARM

Project Number: Project Location:

Project Name:

NONE GIVEN

T20S-R34E-SEC 22M-LEA CTY., NM

Sampling Date: 06/29/2012

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: CELL A-3 VADOSE ZONE-D (H201580-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD 1.35 1.08 0.865 0.395 RPD 3.92 RPD 9.41 10.2	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	105	% 89.4-12	6		•				
Chloride, SM4500Cl-B	mg	'kg	Analyze	d By: AP					······································
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/13/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/13/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	82.8	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	104	% 63.6-15	4						

*=Accredited Analyte Cardinal Laboratories

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 whistoever shall be deemed walved unless made in writing and received by Cardinal within thirty (30) days after completelon 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 subcidantes, 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 approval of Cardinal Laboratories.

Celen D. Kreene



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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Page 7 of 7

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101 East Marland - Hobbs. New	Mexico 88240 Tel (575) 393-2326 Fax (575) 393-2476	e.	 	Danny Berry	(Str	30 Eu	3-52	Project #:		iς 7			<u></u>	_	7				+			7	d oy.	Relinguished by:			
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July 16, 2012

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 07/11/12 13:56.

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

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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-4 VADOSE ZONE-A (H201579-01)

BTEX 8021B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD 1.35 1.08 0.865 0.395 RPD 3.92 RPD 9.41 10.2	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	103	% 89.4-12	16						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP				21.70. ·	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	202	101	200	10.2	
Surrogate: I-Chlorooctane	85.5	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	109	% 63.6-15	i4						

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:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-4 VADOSE ZONE-B (H201579-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD 1.35 1.08 0.865 0.395 RPD 3.92 RPD 9.41 10.2	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	103	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AP		<u>.</u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg,	kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	79.2	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	102	% 63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



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

(575) 397-2267 Fax To:

Received:

07/11/2012

Reported:

07/16/2012

Project Name:

LAZY ACE LANDFARM

Project Number:

NONE GIVEN

Sampling Date:

Sampling Type:

06/29/2012 Soil

Cool & Intact

Sampling Condition: Sample Received By:

Jodi Henson

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

Sample ID: CELL A-4 VADOSE ZONE-C (H201579-03)

BTEX 8021B	mg	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	103	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	80.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	99.2	% 63.6-15	4						

*=Accredited Analyte Cardinal Laboratories

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Celey D. Keine



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

Fax To:

(575) 397-2267

Received:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-4 VADOSE ZONE-D (H201579-04)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	101	% 89.4-12	6						
Chloride, SM4500CI-B	mg.	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: AM				<u> </u>	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	83.5	% 65.2-14	10						
Surrogate: I-Chlorooctadecane	103	% 63.6-15	4						

*=Accredited Analyte Cardinal Laboratories

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Celey D. Keine



ND

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 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

Analyte NOT DETECTED at or above the reporting limit

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 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, 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 approval of Cardinal Laboratories.

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July 16, 2012

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 07/11/12 13:56.

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

Cardinal Laboratories is 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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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**

(575) 397-2267 Fax To:

Received:

07/11/2012

Reported:

07/16/2012

Project Name:

LAZY ACE LANDFARM

Project Number: NONE GIVEN T20S-R34E-SEC 22M-LEA CTY., NM

Project Location:

Sampling Date:

06/29/2012 Sampling Type:

Sampling Condition:

Soil

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: CELL A-5 VADOSE-A (H201578-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD 1.35 1.08 0.865 0.395 RPD 3.92 RPD 9.41 10.2	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	105 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	81.4	% 65.2-14	0						0 No 4 - 1 00 1 0 00 1 00 00 00 00 00 00 00 00 0
Surrogate: 1-Chlorooctadecane	105	% 63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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

Fax To: (575) 397-2267

Received:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-5 VADOSE-B (H201578-02)

BTEX 8021B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	104	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg,	kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	75.1	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	97.9	% 63.6-15	4						

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Celey D. Keine



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

Fax To: (575) 397-2267

Received:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/11/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Name: Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-5 VADOSE-C (H201578-03)

BTEX 8021B	mg/kg		Analyzed By: AP			, , , , , , , , , , , , , , , , , , , 			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	104 % 89.4-12		6						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg/kg		Analyzed By: AM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	79.4	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	102	% 63.6-15	14						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine



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

(575) 397-2267 Fax To:

Received:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-5 VADOSE-D (H201578-04)

BTEX 80218	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.81	90.5	2.00	1.35	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	90.0	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.81	90.4	2.00	0.865	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.49	91.6	6.00	0.395	
Surrogate: 4-Bromofluorobenzene (PIL	103 % 89.4-12		16						
Chloride, SM4500CI-8	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg/kg		Analyzed By: AM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	80.9	% 65.2-14	10				···		
Surrogate: 1-Chlorooctadecane	100	% 63.6-15	i <i>4</i>						

*=Accredited Analyte Cardinal Laboratories

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Celey D. Keine



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
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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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Page 1 of 1



July 16, 2012

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 07/11/12 13:56.

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

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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Number:
Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-6 VADOSE-A (H201577-01)

BTEX 8021B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.80	90.2	2.00	2.50	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	89.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.83	91.5	2.00	2.17	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.48	91.4	6.00	2.29	
Surrogate: 4-Bromofluorobenzene (PIL	103	% 89.4-12	26						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/12/2012	ND	400	100	400	4.08	
TPH 8015M	mg	/kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	167	83.4	200	0.491	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	175	87.7	200	1.55	
Surrogate: 1-Chlorooctane	79.5	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	101	% 63.6-15	ī <i>4</i>						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negigence and any other cause whatsoever shall be deemed waived unless made in writing and received by Clardinal 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 daim 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.

Celeg D. Keine



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

Fax To:

(575) 397-2267

Received:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-6 VADOSE-B (H201577-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.80	90.2	2.00	2.50	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	89.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.83	91.5	2.00	2.17	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.48	91.4	6.00	2.29	
Surrogate: 4-Bromofluorobenzene (PIL	103	% 89.4-12	6						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/12/2012	ND	400	100	400	4.08	
TPH 8015M	mg/	kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	167	83.4	200	0.491	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	175	87.7	200	1.55	
Surrogate: 1-Chlorooctane	79.3	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	100	% 63.6-15	4						

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:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/11/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-6 VADOSE-C (H201577-03)

BTEX 8021B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.80	90.2	2.00	2.50	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	89.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.83	91.5	2.00	2.17	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.48	91.4	6.00	2.29	
Surrogate: 4-Bromofluorobenzene (PIL	101 9	% 89.4-12	6	,					
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AP				*******	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	75.1	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	96.6	% 63.6-15	4						

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Celey & Keine



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

Fax To: (575) 397-2267

Received:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-6 VADOSE-D (H201577-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP	,				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.80	90.2	2.00	2.50	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	89.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.83	91.5	2.00	2.17	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.48	91.4	6.00	2.29	
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/13/2012	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	190	95.2	200	9.41	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	202	101	200	10.2	
Surrogate: 1-Chlorooctane	75.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	94.7	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Insufficient time to reach temperature.

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.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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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 whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after competetion 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 subsidianes, affiliates or successions 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 approval of Cardinal laboratories.

Celey & Keine

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101 East Marland - Hobbs, New	Tel (4	Company Name: Lazy Ace Landfarm, LLC	Project Manager	Danny Berry	.; ;;	P. O. Box 160 Eunice, New Mexico 88231	one #: (575)369-5266	2 #	Project Location:	T20S R34E Sec 22M ~ Lea County -New Mexico		LAB#	LAB USE ONLY										Relinquished by:	Rozame Johnson	Relinquished by	Delivered By	Sambler/	1
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Page 1 of 1



July 16, 2012

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 07/11/12 13:56.

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

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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL X-1 VADOSE ZONE-A (H201576-01)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.80	90.2	2.00	2.50	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	89.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.83	91.5	2.00	2.17	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.48	91.4	6.00	2.29	
Surrogate: 4-Bromofluorobenzene (PIL	103	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2012	ND	400	100	400	4.08	
TPH 8015M	mg,	/kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	167	83.4	200	0.491	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	175	87.7	200	1.55	
Surrogate: 1-Chlorooctane	73.5	% 65.2-14	0				,		
Surrogate: 1-Chlorooctadecane	94.2	% 63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



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

(575) 397-2267 Fax To:

Received:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL X-1 VADOSE ZONE-B (H201576-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.80	90.2	2.00	2.50	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	89.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.83	91.5	2.00	2.17	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.48	91.4	6.00	2.29	
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 89.4-12	6				···		
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2012	ND	400	100	400	4.08	
TPH 8015M	mg/	kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	167	83.4	200	0.491	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	175	87.7	200	1.55	
Surrogate: 1-Chlorooctane	73.9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	95.1	% 63.6-15	4						

*=Accredited Analyte Cardinal Laboratories

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Celey D. Keine



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

Fax To: (575) 397-2267

Received:

07/11/2012

Sampling Date:

06/29/2012

Reported:

07/16/2012

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Name: Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL X-1 VADOSE ZONE-C (H201576-03)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.80	90.2	2.00	2.50	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	89.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.83	91.5	2.00	2.17	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.48	91.4	6.00	2.29	
Surrogate: 4-Bromofluorobenzene (PIL	105	% 89.4-12	6						
Chloride, SM4500CI-B	mg	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2012	ND	400	100	400	4.08	
TPH 8015M	mg	'kg	Analyze	d By: AM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	167	83.4	200	0.491	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	175	87.7	200	1.55	
Surrogate: 1-Chlorooctane	83.2	% 65.2-14	10						,
Surrogate: I-Chlorooctadecane	105	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene



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

Fax To:

(575) 397-2267

06/29/2012

Received: Reported: 07/11/2012

Sampling Date: Sampling Type:

Soil

07/16/2012

Cool & Intact

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Project Number: Project Location:

NONE GIVEN T20S-R34E-SEC 22M-LEA CTY., NM Sample Received By:

Jodi Henson

Sample ID: CELL X-1 VADOSE ZONE-D (H201576-04)

BTEX 8021B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2012	ND	1.80	90.2	2.00	2.50	
Toluene*	<0.050	0.050	07/12/2012	ND	1.80	89.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/12/2012	ND	1.83	91.5	2.00	2.17	
Total Xylenes*	<0.150	0.150	07/12/2012	ND	5.48	91.4	6.00	2.29	
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 89.4-12	6	4.4		·			
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2012	ND	400	100	400	4.08	
TPH 8015M	mg,	/kg	Analyze	d By: AM			<u></u>		,
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2012	ND	167	83.4	200	0.491	
DRO >C10-C28	<10.0	10.0	07/12/2012	ND	175	87.7	200	1.55	
Surrogate: 1-Chlorooctane	77.5	% 65.2-14	0						
Surrogate: I-Chlorooctadecane	102	% 63.6-15	4						

*=Accredited Analyte Cardinal Laboratories

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Celey D. Keine



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

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Nexico 86240 Tel (575) 383-3256 Fax (575) 383-3476 Company Name: Lazy Ace Landfarm, LLC Project Manager: Danny Berry Address: (Street, City, Zip) Phone #: (575)369-5266 Project to Eurice, New Mexico 88231 Phone #: LAB # FIELD C LAB USE ONLY Cell X-1 Vadose Zone Cell X-1 Vadose	1 1	Laboratories,	farm, LLC	Address: (Street, City, Zip)	P. O. Box 160 Eunice, New Mexico 88231	Fax#:	(575)369-5266 (575)397-2267	##XG	.09	Бне	Sampler, Signature, ARozánne Johnson (575)631-9310	A CONTRACTOR OF THE COLUMN STATE OF THE COLUMN	MATRIX NETHOD SAMPLING SAMPLIN	2098 9 As 1 9 As 1 9 As 2 1008	TAIN 1 (C) of (C8, p) 4 (C) of (C8, p) 4 (C) of (C8, p) 6 (C) 6 (C) 6 (C) 6 (C) 7 (C	(G) rab of the following the f	G 1 X 6-29 13:30 X X	G 1 X K-29 13:45 X	G 1 X 8-29 13:55 X	-D G 1 X 6-29 14:15 X X			Repeived by: 1/2 Date: Time:	13:57 CM Secretor 1/11/2-13:56	Received By: (Lat	Email Results to: Carabo (2019)	CHECKED BY:	Soo ves	
Figure Cardin (Cardin (Signature) (City, Zip) (City,	-	Labo	farm, LLC	ess.	P. O. Box 180 Eunice, New Mexico 8823	Phone#:	_	:#>			pler Signature	100	MATRIX	ERSE	міат 5 Э:Е	HNO ³ PIE POIL WATEF CON'	×	-	1	1			7		(Laboratory Staff)			Cool Infact	_
			ındfarm, LLC		,	eet, City, Zip)																	Date: Time:	Green 1/1 /1011	Date: / Time:			o d	- Dus - Other



January 29, 2013

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 01/10/13 8:22.

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

Cardinal Laboratories is 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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Reported:

29-Jan-13 15:23



Analytical Results For:

LAZY ACE LANDFARM, LLC

P. O. BOX 160

EUNICE NM, 88231

Project: LAZY ACE LANDFARM

Project Number: NONE GIVEN Project Manager: DANNY BERRY

Fax To: (575) 397-2267

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CELL A-7 VADOSE-A	H300074-01	Soil	31-Dec-12 15:00	10-Jan-13 08:22
CELL A-7 VADOSE-B	H300074-02	Soil	31-Dec-12 15:20	10-Jan-13 08:22
CELL A-7 VADOSE-C	H300074-03	Soil	31-Dec-12 15:40	10-Jan-13 08:22
CELL A-7 VADOSE-D	H300074-04	Soil	31-Dec-12 16:05	10-Jan-13 08:22

Cardinal Laboratories *=Accredited Analyte

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Reported:

29-Jan-13 15:23



Analytical Results For:

LAZY ACE LANDFARM, LLC

P. O. BOX 160 EUNICE NM, 88231 Project: LAZY ACE LANDFARM

Project Number: NONE GIVEN
Project Manager: DANNY BERRY

Fax To: (575) 397-2267

CELL A-7 VADOSE-A H300074-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardina	il Laborato	ories					
Inorganic Compounds	- 1_1_1_1_1_1_1_1_1_1_1_1								
% Solids	100		%	1	3012914	CK	28-Jan-13	D2216	GAI
Alkalinity, Bicarbonate	137	20.0	mg/kg	4	3010905	AP	22-Jan-13	310.1	
Alkalinity, Carbonate	ND	0.00	mg/kg	4	3010905	AP	22-Jan-13	310.1	
Chloride	288	16.0	mg/kg	4	3011504	DW	15-Jan-13	4500-CI-B	
Conductivity*	1010	1.00	uS/cm	1	3011606	DW	16-Jan-13	120.1	
pH*	7.23	0.100	pH Units	1	3011605	DW	16-Jan-13	150.1	
Sulfate	130	50.0	mg/kg	5	3012202	DW	22-Jan-13	375.4	
Alkalinity, Total*	112	16.0	mg/kg	4	3010905	AP	22-Jan-13	310.1	
Organic Compounds			···	· · ·					
GRO C6-C10	ND	10.0	mg/kg	1	3011108	MS	12-Jan-13	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	3011108	MS	12-Jan-13	8015M	
Surrogate: 1-Chlorooctane		85.2 %	65.2-	140	3011108	MS	12-Jan-13	8015M	
Surrogate: 1-Chlorooctadecane		92.1 %	63.6-	154	3011108	MS	12-Jan-13	8015M	
Total Metals									
Arsenic	ND	10.0	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAI
Barium	17.1	1.00 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAI
Cadmium	ND	5.00 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Calcium	255	100 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAI
Chromium	ND	5.00 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	
Lead	ND	10.0 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAI
Magnesium	458	100 г	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAI
Potassium	609	100 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAI
Selenium	ND	20.0	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010 B	GAI
Silver	ND	5.00 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Sodium	377	100 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAI

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Celey & Keine



LAZY ACE LANDFARM, LLC

P. O. BOX 160

EUNICE NM, 88231

Project: LAZY ACE LANDFARM

Project Number: NONE GIVEN

Project Manager: DANNY BERRY

Reported: 29-Jan-13 15:23

Fax To: (575) 397-2267

CELLA-7 VADOSE-A H300074-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardinal	Laborato	ries					
Mercury (Total) by CVAA						**************			
Mercury	ND	0.098 mg	ykg dry wt.	490	3012916	CK	28-Jan-13	7471 A	GAL
Volatile Organic Compounds by EPA M	lethod 8021								
Benzene*	ND	0.050	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Toluene*	ND	0.050	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Ethylbenzene*	ND	0.050	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Total Xylenes*	ND	0.150	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Total BTEX	ND	0.300	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		123 %	89.4-1	26	3011101	AP	11Jan-13	802IB	

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Celey D. Keene



LAZY ACE LANDFARM, LLC

P. O. BOX 160 EUNICE NM, 88231 Project: LAZY ACE LANDFARM

Project Number: NONE GIVEN
Project Manager: DANNY BERRY

Fax To: (575) 397-2267

Reported: 29-Jan-13 15:23

CELLA-7 VADOSE-B

H300074-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardina	l Laborato	ries					
Inorganic Compounds									
% Solids	100		%	1	3012914	CK	28-Jan-13	D2216	GAI
Alkalinity, Bicarbonate	97.6	20.0	mg/kg	4	3010905	AP	22-Jan-13	310.1	
Alkalinity, Carbonate	ND	0.00	mg/kg	4	3010905	AP	22-Jan-13	310.1	
Chloride	304	16.0	mg/kg	4	3011504	DW	15-Jan-13	4500-CI-B	
Conductivity*	1030	1.00	uS/cm	1	3011606	DW	16-Jan-13	120.1	
pH*	6.98	0.100	pH Units	1	3011605	DW	16-Jan-13	150.1	
Sulfate	287	66.7	mg/kg	6.67	3012202	DW	22-Jan-13	375.4	
Alkalinity, Total*	80.0	16.0	mg/kg	4	3010905	AP	22-Jan-13	310.1	
Organic Compounds									
GRO C6-C10	ND	10.0	mg/kg	1	3011108	MS	12-Jan-13	8015M	
DRO >C10-C28	ND	10.0	mg/kg	ı	3011108	MS	12-Jan-13	8015M	
Surrogate: 1-Chlorooctane		85.2 %	65.2-	140	3011108	MS	12-Jan-13	8015M	
Surrogate: 1-Chlorooctadecane		89.0 %	63.6-	154	3011108	MS	12-Jan-13	8015M	
Total Metals									
Arsenic	ND	10.0 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Barium	15.5	1.00 t	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAI
Cadmium	ND	5.00 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAI
Calcium	258	100 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Chromium	ND	5.00 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	
Lead	ND	10.0 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAI
Magnesium	485	100 п	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Potassium	656	100 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Selenium	ND	20.0	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Silver	ND	5.00 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Sodium	372	100 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAI

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LAZY ACE LANDFARM, LLC

P. O. BOX 160 EUNICE NM, 88231 Project: LAZY ACE LANDFARM

Project Number: NONE GIVEN
Project Manager: DANNY BERRY

Fax To: (575) 397-2267

Reported:

29-Jan-13 15:23

CELLA-7 VADOSE-B

H300074-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardinal	l Laborato	ries				·	
Mercury (Total) by CVAA									
Mercury	ND	0.095 m	ig/kg dry wt.	476	3012916	CK	28-Jan-13	7471 A	GAL
Volatile Organic Compounds by EPA M	lethod 8021								
Benzene*	ND	0.050	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Toluene*	ND	0.050	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Ethylbenzene*	ND	0.050	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Total Xylenes*	ND	0.150	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Total BTEX	ND	0.300	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		122 %	89.4-	126	3011101	AP	11-Jan-13	8021B	

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LAZY ACE LANDFARM, LLC

P. O. BOX 160 EUNICE NM, 88231 Project: LAZY ACE LANDFARM

Project Number: NONE GIVEN
Project Manager: DANNY BERRY

Fax To: (575) 397-2267

Reported:

29-Jan-13 15:23

CELLA-7 VADOSE-C H300074-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardina	ıl Laborato	ories					
Inorganic Compounds									
% Solids	100		%	1	3012914	CK	28-Jan-13	D2216	GAL
Alkalinity, Bicarbonate	156	20.0	mg/kg	4	3010905	AP	22-Jan-13	310.1	
Alkalinity, Carbonate	ND	0.00	mg/kg	4	3010905	AP	22-Jan-13	310.1	
Chloride	320	16.0	mg/kg	4	3011504	DW	15-Jan-13	4500-CI-B	
Conductivity*	979	1.00	uS/cm	1	3011606	DW	16-Jan-13	120.1	
pH*	6.91	0.100	pH Units	1	3011605	DW	16-Jan-13	150.1	
Sulfate	78.5	66.7	mg/kg	6.67	3012202	DW	22-Jan-13	375.4	
Alkalinity, Total*	128	16.0	mg/kg	4	3010905	AP	22-Jan-13	310.1	
Organic Compounds									
GRO C6-C10	ND	10.0	mg/kg	1	3011108	MS	12-Jan-13	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	3011108	MS	12-Jan-13	8015M	
Surrogate: 1-Chlorooctane		93.6 %	<i>65.2</i> -	140	3011108	MS	12-Jan-13	8015M	
Surrogate: 1-Chlorooctadecane		108 %	63.6-	154	3011108	MS	12-Jan-13	8015M	
Total Metals									
Arsenic	ND	10.0	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Barium	17.2	1.00 #	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Cadmium	ND	5.00 #	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Calcium	257	100 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Chromium	ND	5.00 1	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	
Lead	ND	10.0 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Magnesium	446	100 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Potassium	611	100 1	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Selenium	ND	20.0 1	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Silver	ND	5.00 t	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Sodium	353	100 л	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL

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LAZY ACE LANDFARM, LLC

P. O. BOX 160

Project: LAZY ACE LANDFARM

Reported: 29-Jan-13 15:23

Project Number: NONE GIVEN **EUNICE NM, 88231**

Project Manager: DANNY BERRY

Fax To: (575) 397-2267

CELL A-7 VADOSE-C H300074-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardina	l Laborato	ries					
Mercury (Total) by CVAA									
Mercury	ND	0.0 97 m	ıg/kg dry wt.	485	3012916	CK	28-Jan-13	7471A	GAL
Volatile Organic Compounds by EPA Mo	ethod 8021								
Benzene*	ND	0.050	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Toluene*	ND	0.050	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Ethylbenzene*	ND	0.050	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Total Xylenes*	ND	0.150	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Total BTEX	ND	0.300	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		124 %	89.4-1	126	3011101	AP	11-Jan-13	8021B	

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LAZY ACE LANDFARM, LLC

P. O. BOX 160 EUNICE NM, 88231 Project: LAZY ACE LANDFARM

Project Number: NONE GIVEN
Project Manager: DANNY BERRY

Fax To: (575) 397-2267

Reported:

29-Jan-13 15:23

CELLA-7 VADOSE-D H300074-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardina	l Laborato	ries					
Inorganic Compounds	***************************************								
% Solids	100		%	1	3012914	CK	28-Jan-13	D2216	GAL
Alkalinity, Bicarbonate	215	20.0	mg/kg	4	3010905	AP	22-Jan-13	310.1	
Alkalinity, Carbonate	ND	0.00	mg/kg	4	3010905	AP	22-Jan-13	310.1	
Chloride	272	16.0	mg/kg	4	3011504	DW	15-Jan-13	4500-CI-B	
Conductivity*	1010	1.00	uS/cm	1	3011606	DW	16-Jan-13	120.1	
pH*	6.86	0.100	pH Units	1	3011605	DW	16-Jan-13	150.1	
Sulfate	131	66.7	mg/kg	6.67	3012202	DW	22-Jan-13	375.4	
Alkalinity, Total*	176	16.0	mg/kg	4	3010905	AP	22-Jan-13	310.1	
Organic Compounds									
GRO C6-C10	ND	10.0	mg/kg	1	3011108	MS	12-Jan-13	8015M	
DRO >C10-C28	ND	10.0	mg/kg	1	3011108	MS	12-Jan-13	8015M	
Surrogate: 1-Chlorooctane		92.1 %	65.2-	140	3011108	MS	12-Jan-13	8015M	
Surrogate: 1-Chlorooctadecane		97.8 %	63.6-	154	3011108	MS	12-Jan-13	8015M	
Total Metals									
Arsenic	ND	10.0 t	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Barium	16.2	1.00 1	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Cadmium	ND	5.00	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Calcium	262	100 г	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Chromium	ND	5.00 t	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	
Lead	ND	10.0 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Magnesium	456	100 г	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Potassium	614	100 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Selenium	ND	20.0 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Silver	ND	5.00 r	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL
Sodium	355	100 1	ng/kg dry wt.	100	3012915	CK	24-Jan-13	6010B	GAL

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LAZY ACE LANDFARM, LLC

P. O. BOX 160 EUNICE NM, 88231 Project: LAZY ACE LANDFARM

Project Number: NONE GIVEN

Fax To: (575) 397-2267

Reported: 29-Jan-13 15:23

Project Manager: DANNY BERRY

CELLA-7 VADOSE-D

H300074-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardinal	Laborato	ries					
Mercury (Total) by CVAA									
Mercury	ND	0.099 mg	g/kg dry wt.	495	3012916	CK	28-Jan-13	7471A	GAL
Volatile Organic Compounds by EPA M	ethod 8021			····					
Benzene*	ND	0.050	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Toluene*	ND	0.050	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Ethylbenzene*	ND	0.050	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Total Xylenes*	ND	0.150	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Total BTEX	ND	0.300	mg/kg	50	3011101	AP	11-Jan-13	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		123 %	89.4-1	26	3011101	AP	11-Jan-13	8021B	

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LAZY ACE LANDFARM, LLC

P. O. BOX 160 **EUNICE NM, 88231** Project: LAZY ACE LANDFARM

Project Number: NONE GIVEN Project Manager: DANNY BERRY

Fax To: (575) 397-2267

Reported: 29-Jan-13 15:23

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC	RPD	RPD Limit	Notes
Batch 3010905 - General Prep - Wet Chem										
Blank (3010905-BLK1)				Prepared &	Analyzed:	09-Jan-13	·			
Alkalinity, Carbonate	ND	0.00	mg/kg							
Alkalinity, Bicarbonate	ND	5.00	mg/kg							
Alkalinity, Total	ND	4.00	mg/kg							
LCS (3010905-BS1)				Prepared: (9-Jan-13 A	nalyzed: 21	-Jan-13			
Alkalinity, Carbonate	ND	0.00	mg/kg				80-120			
Alkalinity, Bicarbonate	ND	5.00	mg/kg				80-120			
Alkalinity, Total	116	4.00	mg/kg	100		116	80-120			
LCS Dup (3010905-BSD1)				Prepared: (9-Jan-13 A	nalyzed: 21	-Jan-13			
Alkalinity, Carbonate	ND	0.00	ıng/kg				80-120		20	
Alkalinity, Bicarbonate	ND	5.00	mg/kg				80-120		20	
Alkalinity, Total	120	4.00	mg/kg	100		120	80-120	3,39	20	
Batch 3011504 - 1:4 DI Water										
Blank (3011504-BLK1)				Prepared &	Analyzed:	15 -J an-13				
Chloride	ND	16.0	mg/kg							
LCS (3011504-BS1)				Prepared &	Analyzed:	15-Jan-13				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3011504-BSD1)				Prepared &	: Analyzed:	15-Jan-13				
Chloride	448	16.0	mg/kg	400		112	80-120	7.41	20	
Batch 3011605 - NO PREP										
LCS (3011605-BS1)				Prepared &	Analyzed:	16-Jan-13				
pH	7.11		pH Units	7.00		102	90-110			

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LAZY ACE LANDFARM, LLC

P. O. BOX 160 EUNICE NM, 88231 Project: LAZY ACE LANDFARM

Project Number: NONE GIVEN
Project Manager: DANNY BERRY

Fax To: (575) 397-2267

Reported: 29-Jan-13 15:23

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3011605 - NO PREP										
Duplicate (3011605-DUP1)	Sou	rce: H300049	-01	Prepared &	દે Analyzed:	16-Jan-13				
Н	7.73	0.100	pH Units		7.62			1.43	20	
Batch 3011606 - General Prep - Wet Chem										
LCS (3011606-BS1)				Prepared &	k Analyzed:	16-Jan-13	,			
Conductivity	484		uS/cm	500		96.8	80-120			
Duplicate (3011606-DUP1)	Sou	rce: H300049	-01	Prepared &	& Analyzed:	16-Jan-13				
Conductivity	600	1.00	uS/cm		590			1.68	20	
Duplicate (3011606-DUP2)	Sou	rce: H300077	-03	Prepared &	k Analyzed:	16-Jan-13				
Conductivity	842	1.00	uS/cm		824			2.16	20	
Batch 3012202 - General Prep - Wet Chem					, .			. · · · · · · · · · · · · · · · · · · ·		
Blank (3012202-BLK1)				Prepared &	& Analyzed:	22-Jan-13				
Sulfate	ND	10.0	mg/kg							
LCS (3012202-BS1)				Prepared &	k Analyzed:	22-Jan-13				
Sulfate	20.6	10.0	mg/kg	20.0		103	80-120			
LCS Dup (3012202-BSD1)				Prepared &	દે Analyzed:	22-Jan-13				
Sulfate	19.7	10.0	mg/kg	20.0		98.4	80-120	4.38	20	

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LAZY ACE LANDFARM, LLC

P. O. BOX 160 EUNICE NM, 88231 Project: LAZY ACE LANDFARM

Project Number: NONE GIVEN
Project Manager: DANNY BERRY

Fax To: (575) 397-2267

Reported: 29-Jan-13 15:23

Organic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3011108 - General Prep - Organics										
Blank (3011108-BLK1)				Prepared: 1	1-Jan-13 A	nalyzed: 12	2-Jan-13			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	46.0		mg/kg	50.0		92.1	65.2-140			
Surrogate: 1-Chlorooctadecane	50.8		mg/kg	50.0		102	63.6-154			
LCS (3011108-BS1)				Prepared: 1	1-Jan-13 A	nalyzed: 12	2-Jan-13			
GRO C6-C10	210	10.0	mg/kg	200		105	66.4-124		23.4	
DRO >C10-C28	217	10.0	mg/kg	200		109	61.6-132		23.1	
Total TPH C6-C28	427	10.0	mg/kg	400		107	69.7-122		20.6	
Surrogate: 1-Chlorooctane	50.2		mg/kg	50.0		100	65.2-140			
Surrogate: 1-Chlorooctadecane	51.1		mg/kg	50.0		102	63.6-154			
LCS Dup (3011108-BSD1)				Prepared: 1	1-Jan-13 A	nalyzed: 12	2-Jan-13			
GRO C6-C10	207	10.0	mg/kg	200		103	66.4-124	1.50	23.4	
DRO >C10-C28	218	10.0	mg/kg	200		109	61,6-132	0.384	23.1	
Total TPH C6-C28	425	10.0	mg/kg	400		106	69.7-122	0.536	20.6	
Surrogate: 1-Chlorooctane	49.3		mg/kg	50.0	- ,	98.7	65.2-140			
Surrogate: 1-Chlorooctadecane	53.5		mg/kg	50.0		107	63.6-154			

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Celey D. Keine



LAZY ACE LANDFARM, LLC

P. O. BOX 160 EUNICE NM, 88231 Project: LAZY ACE LANDFARM

Project Number: NONE GIVEN
Project Manager: DANNY BERRY

Fax To: (575) 397-2267

Reported:

29-Jan-13 15:23

Total Metals - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3012915 - EPA 3050										
Blank (3012915-BLK1)				Prepared &	Analyzed:	24-Jan-13				
Silver	ND	0.050	mg/kg dry wt.							
Selenium	ND	0.200	mg/kg dry wt.							
Magnesium	ND	1.0	mg/kg dry wt.							
Barium	ND	0.0100	mg/kg dry							
Arsenic	ND	0.100	wt. mg/kg dry wt.							
Sodium	ND	1.0	mg/kg dry							
Calcium	ND	1.0								
Cadmium	ND	0.0500	wt. mg/kg dry							
Lead	ND	0.100	wt. mg/kg dry							
Chromium	ND	0.0500	wt. mg/kg dry							
Potassium	ND	1.0	wt. mg/kg dry wt.							
LCS (3012915-BS1)				Prepared &	z Analyzed:	24-Jan-13				
Lead	1.87		mg/kg	2.00		93.5	85-115			
Silver	0.095		mg/kg	0.100		95.0	85-115			
Selenium	7.34		mg/kg	8.00		91.8	85-115			
Barium	1.86		mg/kg	2.00		93.0	85-115			
Magnesium	19.2		mg/L	20.0		96.0	85-115			
Cadmium	1.81		mg/kg	2.00		90.5	85-115			
Arsenic	3.80		mg/kg	4.00		95.0	85-115			
Chromium	1,89		mg/kg	2.00		94.5	85-115			
Sodium	6.1		mg/L	6.48		93.7	85-115			
Calciwu	3.6		mg/L	4.00		90.5	85-115			
Potassium	7.2		mg/L	8.00		90.6	85-115			

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

%PEC



Analytical Results For:

LAZY ACE LANDFARM, LLC

P. O. BOX 160 EUNICE NM, 88231 Project: LAZY ACE LANDFARM

Project Number: NONE GIVEN

Project Manager: DANNY BERRY Fax To: (575) 397-2267 Reported: 29-Jan-13 15:23

ppp

Total Metals - Quality Control

Cardinal Laboratories

		Reporting	Spike	Source		%REC		KPD	
Analyte	Result	Limit U	its Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3012915 - EPA 3050									
CS Dup (3012915-BSD1)			Prepared a	& Analyzed:	24-Jan-13				
Lead	1.89	mg	/kg 2.00		94.5	85-115	1.06	20	
Potassium	7.5	m	g/L 8.00		93.9	85-115	3.52	20	
Silver	0.097	mg	/kg 0.100		97.0	85-115	2.08	20	
Selenium	7.38	mg	/kg 8.00		92.2	85-115	0.543	20	
arium	1.87	mg	/kg 2.00		93.5	85-115	0.536	20	
Chromium	1.90	mg	/kg 2.00		95.0	85-115	0.528	20	
fagnesium	19.3	m	g/L 20.0		96.5	85-115	0.519	20	
rsenic	3.80	mį	/kg 4.00		95.0	85-115	0.00	20	
odium	6.1	m	z/L 6.48		93.7	85-115	0.00	20	
alcium	3.6	m	g/L 4.00		91.2	85-115	0.825	20	
Cadmium	1.87	វោរ្	/kg 2.00		93.5	85-115	3.26	20	

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Celey D. Keine



LAZY ACE LANDFARM, LLC

P. O. BOX 160 EUNICE NM, 88231 Project: LAZY ACE LANDFARM

Project Number: NONE GIVEN
Project Manager: DANNY BERRY

Fax To: (575) 397-2267

Reported: 29-Jan-13 15:23

Mercury (Total) by CVAA - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit Un	Spike ts Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3012916 - EPA 7471									
Blank (3012916-BLK1)			Prepared a	& Analyzed:	28-Jan-13				
Mercury	ND	0.0002 mg/kg w	-						
LCS (3012916-BS1)			Prepared &	& Analyzed:	28-Jan-13				
Mercury	1.00	mg	kg 1.00		100	85-115			
LCS Dup (3012916-BSD1)			Prepared &	& Analyzed:	28-Jan-13				
Mercury	1.00	mg	kg 1.00		100	85-115	0.00	20	

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Celey D. Keine



LAZY ACE LANDFARM, LLC

P. O. BOX 160 EUNICE NM, 88231 Project: LAZY ACE LANDFARM

Project Number: NONE GIVEN
Project Manager: DANNY BERRY

Fax To: (575) 397-2267

Reported: 29-Jan-13 15:23

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3011101 - Volatiles										
Blank (3011101-BLK1)				Prepared &	Analyzed:	11-Jan-13				
Benzene	ND	0.050	mg/kg				_			
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0613		mg/kg	0.0500		123	89.4-126			
LCS (3011101-BS1)				Prepared &	Analyzed:	11-Jan-13				
Benzene	1.82	0.050	mg/kg	2.00		90.9	80.7-116			
Гоluene	1.96	0.050	mg/kg	2.00		98.0	89.7-121			
Ethylbenzene	1.88	0.050	mg/kg	2.00		94.0	91,4-124			
Total Xylenes	5.67	0.150	mg/kg	6.00		94.5	93.4-130			
Surrogate: 4-Bromofluorobenzene (PID)	0.0585		mg/kg	0.0500		117	89.4-126			
LCS Dup (3011101-BSD1)				Prepared &	: Analyzed:	11-Jan-13				
Benzene	2.05	0.050	mg/kg	2.00		102	80.7-116	11.8	16.4	
Toluene	2.19	0.050	mg/kg	2.00		110	89.7-121	11.1	16.6	
Ethylbenzene	2.11	0.050	mg/kg	2.00		105	91.4-124	11.4	16.1	
Total Xylenes	6.37	0.150	mg/kg	6.00		106	93.4-130	11.7	15.8	
Surrogate: 4-Bromofluorobenzene (PID)	0.0584		mg/kg	0.0500		117	89.4-126			

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Celey D. Keine



Notes and Definitions

GAL Analysis subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C
 Samples reported on an as received basis (wet) unless otherwise noted on report

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January 15, 2013

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 01/10/13 8:22.

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

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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keine

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:

01/10/2013

01/15/2013

Sampling Date:

12/31/2012

Reported:

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-5

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-5 VADOSE-A (H300071-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	124 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: 1-Chlorooctane	88.49	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	97.5 9	% 63.6-15	4						

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

Fax To: (575) 397-2267

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-5

Sample Received By:

Jodi Henson

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

Sample ID: CELL A-5 VADOSE-B (H300071-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP	·				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	• 9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	·9 . 25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	126 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					······
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/15/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: 1-Chlorooctane	87.0 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	93.8 9	63.6-15	4						

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Celey D. Keine



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

Fax To: (575) 397-2267

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Draiost Names

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Name: Project Number:

CELL A-5

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-5 VADOSE-C (H300071-03)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	125 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW			·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2013	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: 1-Chlorooctane	91.3 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	96.49	63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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

Fax To:

(575) 397-2267

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-5

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-5 VADOSE-D (H300071-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP	-,				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	< 0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	124 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/15/2013	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					······································
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: I-Chlorooctane	84.1 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	93.89	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any datm 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 subcidaries, affiliates or successions 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 approval of Cardinal Laboratories.

Celey D. Keine



ND

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 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

Analyte NOT DETECTED at or above the reporting limit

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Uability and Damages. Cardinal's liability and client's exclusive remety for any daim ansing, 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 or profits incurring by client, its subsidiaries, affiliations or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

Page 7 of 7

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101 East Martand - Hobbs, New Mexico	88240 (575) 393-2326 (575) 393-2476	Company Name: Lazy Ace Landfarm, LLC	Project Manager	Danny Berry	Address:	P. O. Box 160 Eunice, New Mexico 6623 (Phone #;	(575)369-5266	Project #:		Project Location: T20S R34E Sec 22M ~ Lea County -New Mexico		-	* ·	ONLY	ريل الدراء										Relindutshedby	1	Refinquished W.	Delivered By:	Sampler	000
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Page 1 of 1



January 15, 2013

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 01/10/13 8:22.

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

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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-4

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-4 VADOSE ZONE-A (H300070-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	126 %	% 89.4-12	16					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	01/15/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: 1-Chlorooctane	87.19	% 65.2-14	0						
S (LCH) 1	0626								

Surrogate: 1-Chlorooctadecane 96.2 % 63.6-154

Cardinal Laboratories

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



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

Fax To: (575) 397-2267

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-4

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-4 VADOSE ZONE-B (H300070-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	123 %	6 89.4-12	6				211800180	11-11	
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/15/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS		· ·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: 1-Chlorooctane	90.79	65.2-14	0						
Surrogate: 1-Chlorooctadecane	101 %	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine



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

Fax To: (575) 397-2267

Received:

01/10/2013

12/31/2012

Reported:

01/15/2013

Sampling Date: Sampling Type:

Soil

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Name:

Sample Received By:

Jodi Henson

Project Number: Project Location: CELL A-4

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-4 VADOSE ZONE-C (H300070-03)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	126 %	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/15/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: 1-Chlorooctane	89.0	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	98.2	% 63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Ulability 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, 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.

Celey D. Keine



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

Fax To: (575) 397-2267

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-4

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-4 VADOSE ZONE-D (H300070-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	< 0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	126 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/15/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: 1-Chlorooctane	90.5	65.2-14	0						
Surrogate: 1-Chlorooctadecane	100 %	63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Uability 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 whistoever shall be idented 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 subclaidanes, 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 approval of Cardinal Laboratories.

Celey D. Kreine



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

PLEASE NOTE: Uability and Damages. Cardinal's fability and client's exclusive remedy for any dain 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 subcidaries, 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 approval of Cardinal abordatories.

Celey D. Keine

Page 7 of 7

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Page 1 of 1



January 15, 2013

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 01/10/13 8:22.

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

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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-3

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-3 VADOSE ZONE-A (H300069-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP			<u>.</u> .		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	123 %	6 89.4-12	16						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/15/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/13/2013	ND	206	103	200	1.76	
DRO >C10-C28	<10.0	10.0	01/13/2013	ND	210	105	200	1.35	
Surrogate: 1-Chlorooctane	77.8 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	89.69	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celeg & Keine



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

(575) 397-2267 Fax To:

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-3

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-3 VADOSE ZONE-B (H300069-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	125 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					·
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	01/15/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/13/2013	ND	206	103	200	1.76	
DRO >C10-C28	<10.0	10.0	01/13/2013	ND	210	105	200	1.35	
Surrogate: 1-Chlorooctane	86.99	65.2-14	0						
Surrogate: 1-Chlorooctadecane	101 %	63.6-15	4						

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Celey D. Keine



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

Fax To:

(575) 397-2267

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-3

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-3 VADOSE ZONE-C (H300069-03)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	124 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	01/15/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/13/2013	ND	206	103	200	1.76	
DRO >C10-C28	<10.0	10.0	01/13/2013	ND	210	105	200	1.35	
Surrogate: 1-Chlorooctane	85.0 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	97.69	63.6-15	4						

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Celeg & Keine



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

Fax To:

(575) 397-2267

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-3

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-3 VADOSE ZONE-D (H300069-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	124 9	% 89.4-12	6			en in de la companya de la companya de la companya de la companya de la companya de la companya de la companya			Carrier Construction and Construction
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	01/15/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/13/2013	ND	206	103	200	1.76	
DRO >C10-C28	<10.0	10.0	01/13/2013	ND	210	105	200	1.35	
Surrogate: 1-Chlorooctane	87.5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	103 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene



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 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

Analyte NOT DETECTED at or above the reporting limit

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine

Page 1 of 1	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	LAB Order ID #	ANALYSIS REQUEST					0106		(Ct bp	203 H 197 K 197 K 198 C 198 C	As I say a s	5M 5M 700 100 100 100 100 100 100 100 100 100	MTBE 80 CANDONS PORT TO SERVING T	x x x so	xx	40 X X X	x				Phone Results Yes No	Fax Results Yes No Additional Fax Number:	REMARKS:			
	T . L	Laboratories,	farm, LLC	Address: (Street, City, Zip)	e, New Mexico 88231	hone#.	(575)369-5266 (575)397-2267	rax #.		Sampler-Signature	1	6Я:	F F F F F F F F F F F F F F F F F F F	DATE (2) WATER SOIL HOUS SOIL HOUS SOIL HOUS COIL HOUS COIL HOUS HOUS HOUS HOUS HOUS HOUS HOUS HOUS	G 1 X X 12-31 10:05	X 12-31		G 1 X 12-31 11:00				Received by: Date: Time:	James Jahran 1-10-2013 7:12	Agorptory Staff) C	Sayrible Condition CHECKED BY:	Yes	
	Mariand - Hobbs, New Mexico	(57'5) 393-2326 Fax Cardina (57'5) 393-2476	Company Name: Lazy Ace Landfarm, LLC	Project Manager:	Danny Berry	Address: (Street, City, Zip)	P. O. Box 160 Eunice, New Mexico 88231		Project Name:	Project Location: T20S R34E Sec 22M ~ Lea County -New Mexico			LAB# FIELD CODE	LAB USE ONLY ONLY	Cell A-3 Vadose Zone-A	Cell A-3 Vadose Zone-B	Cell A-3 Vadose Zone-C	1	_			Relingual hearty. Dale: Time:	1-01-1 /m	Reinquikhed B. Time:	1	Sampler - UPS - Bus - Other	



January 15, 2013

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 01/10/13 8:22.

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

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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey & Keine

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:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-2

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-2 VADOSE ZONE-A (H300068-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	124 %	6 89.4-120	5						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW	····				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/15/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/13/2013	ND	206	103	200	1.76	
DRO >C10-C28	<10.0	10.0	01/13/2013	ND	210	105	200	1.35	
Surrogate: I-Chlorooctane	80.8 9	65.2-140)						
Surrogate: 1-Chlorooctadecane	94.69	63.6-154	1						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Ulability and Damages. Cardinal's liability and clients 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 whitstoever 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, 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, its subsidiaries, affiliated to reproduced except in full with written approval of Cardinal laboratories.

Celey D. Keine



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

Fax To:

(575) 397-2267

Received:

01/10/2013

01/15/2013

Sampling Date:

12/31/2012

Reported:

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

Project Number:

CELL A-2

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

Sample ID: CELL A-2 VADOSE ZONE-B (H300068-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	124 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/13/2013	ND	206	103	200	1.76	
DRO >C10-C28	<10.0	10.0	01/13/2013	ND	210	105	200	1.35	
Surrogate: 1-Chlorooctane	80.5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	95.6	% 63.6-15	4						

*=Accredited Analyte Cardinal Laboratories

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients 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 whistoever shall be deemed walved unless made in writing and received by Cardinal within thirty (30) days after completed on 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 subcidantes, 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 approval of Cardinal laboratories.

Celeg D. Keine



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

Fax To: (575) 397-2267

Received:

01/10/2013

Reported:

01/15/2013

Project Name: Project Number:

CELL A-2

Project Location:

LAZY ACE LANDFARM

T20S-R34E-SEC 22M-LEA CTY., NM

Sampling

Sampling Date: 12/31/2012

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: CELL A-2 VADOSE ZONE-C (H300068-03)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	125 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/15/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/13/2013	ND	206	103	200	1.76	
DRO >C10-C28	<10.0	10.0	01/13/2013	ND	210	105	200	1.35	
Surrogate: 1-Chlorooctane	84.7	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	98.7 S	% 63.6-15	4						

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 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, 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 reside only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kune



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

Fax To:

(575) 397-2267

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

Sampling Type:

Soil

Project Name:

01/15/2013 LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-2

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-2 VADOSE ZONE-D (H300068-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	124 9	6 89.4-12	6					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS			· · · · · · · · · · · · · · · · · · ·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/13/2013	ND	206	103	200	1.76	
DRO >C10-C28	<10.0	10.0	01/13/2013	ND	210	105	200	1.35	
Surrogate: 1-Chlorooctane	86.79	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	99.5	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey 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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Celey D. Keine

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101 East Mariand - Hobbs, New Mexico	88240 (575) 393-2326	Company Name	Lazy Ace Landfarm, LLC	ject h	Danny berry	Address:	0	Phone #	(575)369-5266	Project #:		Project Location:	720		٦	\$												Relinguished by:	Rosemie letter	Relindwished &	7	Delivered By:	Sampler - IPS - Bills - Although
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Page 1 of 1



January 15, 2013

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 01/10/13 8:22.

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

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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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:

01/10/2013

Reported:

01/15/2013

Project Name:

LAZY ACE LANDFARM

Project Number: Project Location: CELL A-6

T20S-R34E-SEC 22M-LEA CTY., NM

Sampling Date:

12/31/2012 Soil

Sampling Type: Sampling Condition: Sample Received By:

Cool & Intact

Jodi Henson

Sample ID: CELL A-6 VADOSE-A (H300073-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP				···	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2013	ND	1.82	90.9	2.00	11.8	
Toluene*	<0.050	0.050	01/11/2013	ND	1.96	98.0	2.00	11.1	
Ethylbenzene*	<0.050	0.050	01/11/2013	ND	1.88	94.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	01/11/2013	ND	5.67	94.5	6.00	11.7	
Total BTEX	<0.300	0.300	01/11/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	124 %	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/15/2013	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS				· · · · · · · · · · · · · · · · · · ·	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: 1-Chlorooctane	93.2	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	95.9	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keine



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

Fax To:

(575) 397-2267

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-6

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-6 VADOSE-B (H300073-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2013	ND	1.82	90.9	2.00	11.8	
Toluene*	<0.050	0.050	01/11/2013	ND	1.96	98.0	2.00	11.1	
Ethylbenzene*	<0.050	0.050	01/11/2013	ND	1.88	94.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	01/11/2013	ND	5.67	94.5	6.00	11.7	
Total BTEX	<0.300	0.300	01/11/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	123 %	% 89.4-12	6			MAI MINO 1 1 2 MAY 9 MAY			
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/15/2013	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: 1-Chlorooctane	91.2	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	97.0	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Uability and Dernages. Cardinal's flability and dient's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be flable 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 approval of Cardinal Laboratories.

Celey D. Keine



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

Fax To:

(575) 397-2267

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Droiset Name

11/15/2013

Sampling Condition:

Cool & Intact

Project Name:

LAZY ACE LANDFARM

Sample Received By:

Jodi Henson

Project Number: Project Location:

CELL A-6

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-6 VADOSE-C (H300073-03)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2013	ND	1.82	90.9	2.00	11.8	
Toluene*	<0.050	0.050	01/11/2013	ND	1.96	98.0	2.00	11,1	
Ethylbenzene*	<0.050	0.050	01/11/2013	ND	1.88	94.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	01/11/2013	ND	5.67	94.5	6.00	11.7	
Total BTEX	<0.300	0.300	01/11/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	125 %	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/15/2013	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS			·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: 1-Chlorooctane	91.2	% 65.2-14	10				****		
Surrogate: 1-Chlorooctadecane	97.1	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine



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

(575) 397-2267 Fax To:

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-6

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-6 VADOSE-D (H300073-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2013	ND	1.82	90.9	2.00	11.8	
Toluene*	<0.050	0.050	01/11/2013	ND	1.96	98.0	2.00	11.1	
Ethylbenzene*	<0.050	0.050	01/11/2013	ND	1.88	94.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	01/11/2013	ND	5.67	94.5	6.00	11.7	
Total BTEX	<0.300	0.300	01/11/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	123 %	% 89.4-12	б						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2013	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: 1-Chlorooctane	92.1	% 65.2-14	0					,	
Surrogate: 1-Chlorooctadecane	97.3	% 63.6-15	4						

*=Accredited Analyte Cardinal Laboratories

PLEASE NOTE: Liability and Demages, 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 use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keena



ND

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 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

Analyte NOT DETECTED at or above the reporting limit

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Uability and Damages. Cardinal's liability and clemts 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 whistsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after competion 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.

Celey D. Keene

Page 7 of 7

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Page_1_of_1_



January 15, 2013

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 01/10/13 8:22.

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

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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL X-1

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL X-1 VADOSE ZONE-A (H300072-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2013	ND	1.82	90.9	2.00	11.8	
Toluene*	<0.050	0.050	01/11/2013	ND	1.96	98.0	2.00	11.1	
Ethylbenzene*	<0.050	0.050	01/11/2013	ND	1.88	94.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	01/11/2013	ND	5.67	94.5	6.00	11.7	
Total BTEX	<0.300	0.300	01/11/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	123 9	% 89.4-12	6			and the second second		····	
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2013	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: 1-Chlorooctane	88.4	% 65.2-14	0						.,
Surrogate: 1-Chlorooctadecane	94.5	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine



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

Fax To: (575) 397-2267

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Jodi Henson

Project Location:

CELL X-1

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL X-1 VADOSE ZONE-B (H300072-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2013	ND	1.82	90.9	2.00	11.8	
Toluene*	<0.050	0.050	01/11/2013	ND	1.96	98.0	2.00	11.1	
Ethylbenzene*	<0.050	0.050	01/11/2013	ND	1.88	94.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	01/11/2013	ND	5.67	94.5	6.00	11.7	
Total BTEX	<0.300	0.300	01/11/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	122 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2013	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: 1-Chlorooctane	88.4 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	95.0 9	63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Kune



LAZY ACE LANDFARM, LLC DANNY BERRY P. O. BOX 160 EUNICE NM, 88231 Fax To: (575) 397-2267

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL V.1

Sample Received By:

Jodi Henson

Project Location:

CELL X-1

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL X-1 VADOSE ZONE-C (H300072-03)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2013	ND	1.82	90.9	2.00	11.8	
Toluene*	<0.050	0.050	01/11/2013	ND	1.96	98.0	2.00	11.1	
Ethylbenzene*	<0.050	0.050	01/11/2013	ND	1.88	94.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	01/11/2013	ND	5.67	94.5	6.00	11.7	
Total BTEX	<0.300	0.300	01/11/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	122 9	% 89.4-12	6	1 77 77		1 · · · · · · · · · · · · · · · · · · ·		111111111111111111111111111111111111111	and call dos
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2013	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: 1-Chlorooctane	84.9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	87.9	% 63.6-15	· 4						

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:

01/10/2013

Sampling Date:

12/31/2012

Reported:

DTEV GASIB

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

Project Name: Project Number:

CELL X-1

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL X-1 VADOSE ZONE-D (H300072-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2013	ND	1.82	90.9	2.00	11.8	
Toluene*	< 0.050	0.050	01/11/2013	ND	1.96	98.0	2.00	11.1	
Ethylbenzene*	< 0.050	0.050	01/11/2013	ND	1.88	94.0	2.00	11.4	
Total Xylenes*	< 0.150	0.150	01/11/2013	ND	5.67	94.5	6.00	11.7	
Total BTEX	<0.300	0.300	01/11/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	124 %	6 89.4-12	б	a manufalia a Pri - Na an an an an			44.67	*	
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2013	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS		····	····		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2013	ND	210	105	200	1.50	
DRO >C10-C28	<10.0	10.0	01/12/2013	ND	217	109	200	0.384	
Surrogate: 1-Chlorooctane	93.2 9	% 65.2-14	0	75.115					
Surrogate: 1-Chlorooctadecane	104 %	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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ND

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 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

Analyte NOT DETECTED at or above the reporting limit

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Celey D. Keine

STODY AND ANALYSIS REQUEST	ID#	ANALYSIS REQUEST (Circle or Specify Method No.)									203), HC	1/624 8270 608 Na, M	2560B Vol. 08 31A/06 tent tent Mg. I ng	ol. 82 emi. / 082/60 5, pH Cont (Ca. 1) (Ca. 1)	A Meeson of the control of the contr	TCLL RCR GC/M GC/M Prest BOD Moisi Moisi Moisi Catil	×	×	×	×				No	No Additional Fax Number:		TECTIONS STORES			
CHAIN-OF-CUSTODY AND	LAB Order ID #	AN (Circl			7.00)Z/E	3010						Bac	sA t	MS Siles Siles Ag Siles Ag	8015 8016 8016 8016 8016	BTE) TOUR TOUR TOUR TOUR TOUR TOUR	××	×	-	+	+-			Phone Results Yes	Fax Results Yes	REMARKS:	Email Results to:			
,	nal Laboratories, Inc.	mpany: Landfarm, LLC	Address: (Street, City, Lip)	e, New Mexico 88231		(9/3)369-2569	Fax #:			7	Sampler Signature: Rozanne Johnson (5/5)631-8310		MATRIX PRESERVATIVE SAMPLING	(JI)	e[zo	E (SO (14th	WAT SOIL SOIL HAG NAH H2SC NAH H2SC NAH NAH NAH NON	×	4 × 12-31	X 12.31	()	2			Received by: Date: Time:	ahasan 1-10-2013 7:05	E	Color Sancon	8	Cool Infect (Initials)]
	Tel Cardinal	(37) 355-475 impany Name: Lazy Ace Landfarm, LLC		Ŋ	(Street, City, Zip)	P. O. Box 160 Eunice, New Mexico 88231				Lazy Ace Landfarm		T20S R34E Sec 22M ~ Lea County -New Mexico			FIELD CODE	7		Court Avidage Tonny	Cell A-1 Vauose Colle-A	_	_	Cell X-1 Vadose Zone-D			Mass. Time.	1-10-2013	Date: Time:	(1.9.) -10.	(Circle One)	_	OFS - Dus - Kulki
101 East Marland , Hobbs New Mexico	(575) 393-2326	Company Name: Lazy Ace La	Project Manager:	Danny Berry	Address: (P. O. Box 160 E	Phone #:	(575)369-5	Project #:		Project Location:	T20S R34			LAB#	/ LAB USE	ONILY	14. C.L.C.				7			of Leading Co.	Control of the Contro	Moral and Sold of	Keinduisned	Delivered By:	Compler	garriplei

of 1

Page_1



January 15, 2013

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 01/10/13 8:22.

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

Cardinal Laboratories is 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 (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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**

(575) 397-2267 Fax To:

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Name:

Sample Received By:

Project Number:

CELL A-1

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-1 VADOSE ZONE-A (H300067-01)

BTEX 8021B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	123 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2013	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/13/2013	ND	206	103	200	1.76	
DRO >C10-C28	<10.0	10.0	01/13/2013	ND	210	105	200	1.35	
Surrogate: 1-Chlorooctane	87.8	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	102 9	% 63.6-15	,						

*=Accredited Analyte Cardinal Laboratories

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Celey D. Keine



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

Fax To:

(575) 397-2267

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Name: Project Number:

Sample Received By:

CELL A-1

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-1 VADOSE ZONE-B (H300067-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	125 9	% 89.4-12	б	her smith to the smith of the s		males of a suppose		mark 1 Manufacture	- 1444
Chloride, SM4500Cl-B	mg/	/kg	Апајуzе	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2013	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/13/2013	ND	206	103	200	1.76	
DRO >C10-C28	<10.0	10.0	01/13/2013	ND	210	105	200	1.35	
Surrogate: 1-Chlorooctane							· · · · · · · · · · · · · · · · · · ·		
Surrogate. 1-Chioroociane	88.4	% 65.2 - 14	0						

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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:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-1

Sample Received By:

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-1 VADOSE ZONE-C (H300067-03)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	<0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	124	% 89.4-12	6			11111111	A) - V		
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2013	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					·
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/13/2013	ND	206	103	200	1.76	
DRO >C10-C28	<10.0	10.0	01/13/2013	ND	210	105	200	1.35	
Surrogate: 1-Chlorooctane	88.1	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	101	% 63.6-15	4						

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Celey D. Keine



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

Fax To: (575) 397-2267

Received:

01/10/2013

Sampling Date:

12/31/2012

Reported:

01/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Sample Received By:

Project Number:

CELL A-1

Jodi Henson

Project Location:

T20S-R34E-SEC 22M-LEA CTY., NM

Sample ID: CELL A-1 VADOSE ZONE-D (H300067-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2013	ND	1.95	97.3	2.00	10.5	
Toluene*	<0.050	0.050	01/12/2013	ND	2.10	105	2.00	9.27	
Ethylbenzene*	< 0.050	0.050	01/12/2013	ND	2.01	101	2.00	9.23	
Total Xylenes*	<0.150	0.150	01/12/2013	ND	6.07	101	6.00	9.25	
Total BTEX	<0.300	0.300	01/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	124 9	6 89.4-12	6						100 AF 73
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2013	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS		· · · · · · · · · · · · · · · · · · ·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/13/2013	ND	206	103	200	1.76	
DRO >C10-C28	<10.0	10.0	01/13/2013	ND	210	105	200	1.35	
Surrogate: 1-Chlorooctane	87.9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	104 %	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Kune



ND

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 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

Analyte NOT DETECTED at or above the reporting limit

Cardinal Laboratories *=Accredited Analyte

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Celey D. Kune

Page 7 of 7

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