NM1 - 41

MONITORING REPORT

YEAR(S):

2013-2016___

State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez

Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D. Deputy Cabinet Secretary David R. Catanach, Division Director Oil Conservation Division



June 22, 2015

Mr. Daniel C. Berry Lazy Ace Landfarm, LLC P.O. Box 130 Eunice, NM 88231-0130

RE: 2013-2014 Semi-Annual Sampling Vadose Zone Monitoring Results Review

Lazy Ace Landfarm, LLC

Permit NM1-041

Location: SW/2 SW/4 Section 22, Township 20 South, Range 34 East, NMPM

Lea County, New Mexico

Dear Mr. Berry:

The Oil Conservation Division (OCD) has completed the review of Lazy Ace Landfarm, LLC's (Lazy Ace) June 2013 Semi-Annual Vadose Zone Monitoring Results; December 2013 Semi-Annual Vadose Zone Monitoring Results; June 2014 Semi-Annual Vadose Zone Monitoring Results; and the December 2014 Semi-Annual Vadose Zone Monitoring Results. The review of the 2013 and 2014 monitoring data has resulted in the discovery of some issues that must be addressed in order for Lazy Ace to remain compliant with Permit NM1-041 and Part 36.

OCD has reviewed the administrative files (OCD Online) for the facility and has been unable to locate the semi-annual treatment zone (soils to be remediated) monitoring required of 19.15.36.15.D NMAC. Pursuant to the transitional provisions of Part 36 (19.15.36.20.A) NMAC), "Existing surface waste management facilities shall comply with the operational, waste acceptance and closure requirements provided in 19.15.36 NMAC, except as otherwise specifically provided in the applicable permit or order, or in a specific waiver, exception or agreement that the division has granted in writing to the particular surface waste management facility." In accordance with 19.15.36.15.D NMAC, "The operator shall collect and analyze at least one composite soil sample, consisting of four discrete samples, from the treatment zone at least semi-annually using the methods specified below for TPH and chlorides." As underlined in the above reference of Subsection D of 19.15.36.15 NMAC, the "methods specified below for TPH and chlorides" are those identified in Subsection F of 19.15.36.15 NMAC: such as "TPH, as determined by EPA method 418.1 or other EPA method approved by the division..." OCD is willing to accept an equivalent method to EPA Method 418.1 that is capable of demonstrating a carbon range from C₆ to C₃₆. Please review OCD's letter dated June 30, 2011 and titled "Compliance with the Transitional Provisions of the Surface Waste Management Facilities rule (Rule 36) and Treatment and Vadose Monitoring Requirements at Existing Landfarms" for

Mr. Berry Lazy Ace Landfarms LLC Permit NM-1-041 June 22, 2015 Page 2 of 4

expectation of compliance. If the sampling has occurred, please provide OCD copies of the laboratory results to demonstrate compliance. If not, please initiate the required sampling and submit the results

In accordance with Paragraph (1) of 19.15.36.15.E NMAC, "The operator shall monitor the vadose zone beneath the treatment zone in each landfarm cell." Pursuant to Paragraph (3) of 19.15.36.15.E NMAC, "The operator shall collect and analyze a minimum of four randomly selected, independent samples from the vadose zone, using the methods specified below for the constituents listed in Subsections A and B of 20.6.2.3103 NMAC at least every five years and shall compare each result to the higher of the PQL or the background soil concentrations to determine whether a release has occurred." OCD has reviewed the administrative file and has been unable to locate the five year vadose zone monitoring program demonstration. Part 36 became effective February 14, 2007. The five year sampling event has been due since March 2012, please complete the demonstration. As underlined in the above reference of Paragraph (3) of 19.15.36.15.E NMAC, the "methods specified below for the constituents listed in Subsections A and B of 20.6.2.3103 NMAC" are those identified in Subsection F of 19.15.36.15 NMAC: such as "determined by EPA SW-846 methods 6010B or 6020 or other EPA method approved by the division..." Please perform the five year vadose zone monitoring program demonstration on all of the active landfarm cells and submit the sampling results and comparison to background and/or PQLs demonstrating compliance of Paragraph (3) of 19.15.36.15.E NMAC by EPA SW-846 methods 6010B or 6020.

OCD has reviewed the administrative files for the facility and determined that the vadose zone monitoring frequency changed from the permit condition "The soil samples will be analyzed using approved EPA methods for TPH and BTEX quarterly, and for major cations/anions and Water Quality Control Commission (WQCC) metals annually," to semi-annual in June 2010. The annual vadose zone sampling event by permit condition for the additional constituents of "for major cations/anions and Water Quality Control Commission (WQCC) metals annually," was last performed on Cells A-1, A-2, A-3, A-4, A-5 and X-1 on December 17, 2012. OCD also received results for Cell A-7 from an annual sampling event that occurred on January 29, 2013. OCD has been unable to locate Lazy Ace's submittal of a modification request for the change in sampling frequency or OCD's approval for such a modification request. Please provide OCD a copy of Lazy Ace's modification request submittal and OCD approval in order to continue the semi-annual sampling frequency. If Lazy Ace is unable to demonstrate the approval, Lazy Ace shall revert back to the permitted vadose zone monitoring frequency and constituents. Please note that the transitional provisions of 19.15.36.20 NMAC must be considered. Please review OCD's letter dated June 30, 2011 and titled "Compliance with the Transitional Provisions of the Surface Waste Management Facilities rule (Rule 36) and Treatment and Vadose Monitoring Requirements at Existing Landfarms" for expectation of compliance.

Please note that the submittal of vadose zone monitoring results alone does not constitute as a demonstration of compliance to the vadose zone monitoring assessment requirements. Pursuant to 19.15.36.15.E NMAC, the operator is required to compare the vadose results "to the higher of the PQL or the background soil concentrations to determine whether a release has occurred." OCD's review of the administrative files for the facility resulted in the discovery of the absence of the initial facility background data set which was required by permit, prior to acceptance of any waste. Pursuant to Condition 1, under the heading Treatment Zone Monitoring of the

Mr. Berry Lazy Ace Landfarms LLC Permit NM-1-041 June 22, 2015 Page 3 of 4

September 2004 permit, "Prior to waste acceptance, one (1) background soil sample must be taken from the center portion of the landfarm two (2) feet below the native ground surface. The sample must be analyzed for total petroleum hydrocarbons (TPH), volatile aromatic organics (BTEX), major cations/anions and Water Quality Control Commission (WQCC) metals." Please provide OCD a copy of the initial background data set in order to demonstrate compliance to the conditions of Permit NM1-041.

Also, pursuant to the transitional provisions of Subsection B of 19.15.36.20 NMAC "Major modification of an existing surface waste management facility and a new landfarm cells constructed at an existing surface waste management facility shall comply with the requirements provided in 19.15.36 NMAC." Based upon OCD's review of the administrative file (OCD Online), the vadose zone monitoring results suggest that Cells A-5, A-6, and A-7 were activated after the effective date of February 14, 2007 for Part 36. The importance of the transitional provision is compliance to Subsection B of 19.15.36.15 NMAC. In accordance with Subsection B of 19.15.36.15 NMAC, "Background testing. Prior to beginning operation of a new landfarm or to opening a new cell at an existing landfarm at which the operator has not already established background, the operator shall take, at a minimum, 12 composite background soil samples, with each consisting of 16 discrete samples from areas that previous operations have not impacted at least six inches below the original ground surface, to establish background soil concentrations for the entire surface waste management facility. The operator shall analyze the background soil samples for TPH, as determined by EPA method 418.1 or other EPA method approved by the division; BTEX, as determined by EPA SW-846 method 8021B or 8260B; chlorides; and other constituents listed in Subsections A and B of 20.6.2.3103 NMAC, using approved EPA methods." The regulation has been in effect for eight years. At this point in time, the complete facility background should have been established. In order for Lazy Ace to proceed, the facility background need to be resolved. Currently, Lazy Ace does not have the complete background data to perform the vadose zone assessments (quarterly, annual, and 5-year) and remain in compliance with Part 36 and Permit NM1-041. Part 36 specifies EPA Method 418.1 as the required vadose zone analyses for TPH. OCD is willing to accept an equivalent method to EPA Method 418.1 that is capable of demonstrating a carbon range from C₆ to C₃₆ (e.g. Method 8015 for GRO/DRO/MRO or ORO). To remain compliant to Part 36 and the existing permit, background needs to be established and the vadose zone assessment comparison demonstrated to OCD. Please submit a background sampling plan to OCD under a separate cover, for OCD's consideration of approval to update the existing background data set (if available) or to establish a facility background/PQL data set and complete the vadose zone assessments.

Please note that the submittal of treatment zone monitoring results alone does not constitute a request for a successive/additional lift. The permit condition specifies "Authorization from the OCD must be obtained prior to application of successive lifts and/or removal of remediated soils." OCD requires such request to be made under a separate cover from other reporting and include the supporting analytical results and an updated facility map that illustrates and identifies the individual landfarm cells within the facility boundary and indicate the approximate location within the landfarm cells in which the samples were obtained.

Please provide OCD copies of the treatment zone (soils to be remediated) laboratory results to demonstrate compliance of the semi-annual sampling required of 19.15.36.15.D NMAC within 45 days of the date of this letter and/or initiate the required sampling and submit the results.

Mr. Berry Lazy Ace Landfarms LLC Permit NM-1-041 June 22, 2015 Page 4 of 4

Please ensure that TPH is assessed by EPA method 418.1 or an equivalent method capable of demonstrating a carbon range from C₆ to C₃₆ for future demonstrations. Also, please submit all future vadose zone (native soils) sampling results demonstrating TPH by EPA Method 418.1 or an equivalent method capable of demonstrating a carbon range from C₆ to C₃₆. Please ensure that the laboratory's reporting limit does not exceed the established background and/or PQLs for all future vadose zone sampling events. Please provide OCD a copy of Lazy Ace's modification request and OCD approval in order to continue the semi-annual sampling frequency within 45 days of the date of this letter. Please perform the five year vadose zone monitoring program demonstration on all of the active landfarm cells and submit the sampling results and comparison to background and/or PQLs demonstrating compliance of Paragraph (3) of 19.15.36.15.E NMAC by EPA SW-846 methods 6010B or 6020 within 60 days of the date of this letter. Please provide OCD a copy of the initial laboratory data set required of Permit NM1-041 within 45 days of the date of this letter. Please submit a background sampling plan in accordance with Subsection B of 19.15.36.15 NMAC to OCD under a separate cover, for OCD's consideration of approval to update the existing background data set within 60 days of the date of this letter. If statistics are proposed in the demonstration, please provide references from EPA statistical guidance documents to support proposed statistical methods.

OCD has implemented some new policies for submittal. For future submittals, please include a cover letter from the owner/operator, on the owner's/operator's company letterhead, that recognizes the owner/operator has reviewed the submittal, signed by the owner/operator. Also, please provide an updated facility map, for each individual sampling event, that identifies the individual landfarm cells within the facility boundary and indicate the approximate location within the landfarm cells in which the samples were obtained. If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3487 or brad.a.jones@state.nm.us.

Sincerely,

Brad A. Jones

Environmental Engineer

BAJ/baj

cc: OCI

OCD District I Office, Hobbs

Roxana Johnson, Arc Environmental, LLC, PO Box 1772, Lovington NM 88260

RECEIVED OCO Arc Environmental Rozanne Johnson

2015 APR 20 P 3: 52

Rozanne Johnson P. O. Box 1772 Lovington, New Mexico 88260 (575) 631-9310 rozanne11@windstream.net

April 14, 2015

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

Mr. Jones,

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

Should you have any questions, please call.

Sincerely,

Rozanne Johnson Arc Environmental, LLC

Enclosure: Co

Copies of Analysis



January 14, 2015

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 01/09/15 16:16.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 - A (H500079-01)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.73	86.5	2.00	5.88	
Toluene*	<0.050	0.050	01/13/2015	ND	1.69	84.7	2.00	5.60	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.64	82.1	2.00	6.18	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.96	82.7	6.00	6.13	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.3 9	% 61-154	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	01/13/2015	ND	400	100	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	01/12/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	84.0 %	% 47.2-15	7		OLD STATE OF THE S				
Surrogate: 1-Chlorooctadecane	86.2 9	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability 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 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 lable for incidental or consequential day 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 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.

Celeg Tithere



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

Fax To: (575) 397-2267

Received:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 - B (H500079-02)

BTEX 8021B	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.73	86.5	2.00	5.88	
Toluene*	<0.050	0.050	01/13/2015	ND	1.69	84.7	2.00	5.60	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.64	82.1	2.00	6.18	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.96	82.7	6.00	6.13	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.7	% 61-154							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/13/2015	ND	400	100	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	01/12/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	84.3	% 47.2-15	7				**************************************		
Surrogate: 1-Chlorooctadecane	85.6	% 52.1-170	5						

Cardinal Laboratories *=Accredited Analyte

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

Celey Ditreune



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 - C (H500079-03)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	rpd	Qualifier
Benzene*	<0.050	0.050	01/14/2015	ND	1.73	86.5	2.00	5.88	
Toluene*	<0.050	0.050	01/14/2015	ND	1.69	84.7	2.00	5.60	
Ethylbenzene*	<0.050	0.050	01/14/2015	ND	1.64	82.1	2.00	6.18	
Total Xylenes*	<0.150	0.150	01/14/2015	ND	4.96	82.7	6.00	6.13	
Total BTEX	<0.300	0.300	01/14/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.2	% 61-154							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/13/2015	ND	400	100	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	01/12/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	89.9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	90.4	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

all be limited to the amount paid by client for analyses. All claims, including those for negligence and arry 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

Celeg to Keene-



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 (H500079-04)

BTEX 8021B	mg/	kg	Analyze	d By: CK				·····	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2015	ND	1.73	86.5	2.00	5.88	
Toluene*	<0.050	0.050	01/14/2015	ND	1.69	84.7	2.00	5.60	
Ethylbenzene*	<0.050	0.050	01/14/2015	ND	1.64	82.1	2.00	6.18	
Total Xylenes*	<0.150	0.150	01/14/2015	ND	4.96	82.7	6.00	6.13	
Total BTEX	<0.300	0.300	01/14/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	93.6	% 61-154			**************************************			content or and one who is a 1 whole on	to action the following control or control of
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/13/2015	ND	400	100	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	01/12/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	86.3	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	86.65	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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

Celen Tikeune



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: Liability and Damages. Cardinal's liability and client's evolusive remerty 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 ofter cause whistoners shall be deemed waived unless made in writing and received by Cardinal within 14thity (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by clernt, its 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 resons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal laboratories.

Celey & Kune

	Sampler - UPS - Bus - Other: 2.5°	Cata. IHIG.	015 16:15	Date: Time:			Cell A-1 Vadose Zone-D			Control segment Colors	Cell A.1 Vadore Zone A	LAB # FIELD CODE LAB USE ONLY ONLY 1505076 79		T20S R34E Sec 22M ~ Lea County -New Mexico		Project * Project Name:	(575)369-5266	Box 160 Eunice, New Mexico 88231	Address: (Street, City, Zip)	Danny Berry	Project Manager:	Lazy Ace Landfarm, LLC	393-2476	nd - Hobbs New Mexico Tel
5年	Yes Xes (Investigation No	Marine by (Laboratory Stam) Date: Time:		Received by: Date: Time:			G 1 X X 12/31 8:00	1 X 1231 7	1 X 12/31 7	 	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	HCI	MATTHE PRESERVATIVE SAMPLING	Sarpular Signature:			Fax #:	(575)369-5266	Phone#: Fax#	e, New Mexico 88	Address (Street City Zip)	BILL TO Company: PO#		ardinal Laboratories Inc
		REMARKS: Email Results to: "Ozanne@valornet.com	Fax Results Yes No Additional Fax Number:	Phone Results Yes No			×	×	× ×	×		MTBE 8021B/602 BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba (TCLP Metals Ag As Ba (TCLP Metals Ag As Ba (TCLP Semi Volatiles) TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na, Manions (Cl, SO4, CO3 Total Dissolved Solids Chlorides	Cd C	Pb Sr Pb S	e Hg						fy Method No.)	ANALYSIS REQUEST	LAB Order ID #	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



January 14, 2015

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 01/09/15 16:16.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

NONE GIVEN

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number: Project Location:

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

Sample Received By:

Jodi Henson

Sample ID: CELL A-2 VADOSE ZONE - A (H500080-01)

BTEX 8021B	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2015	ND	1.73	86.5	2.00	5.88	
Toluene*	<0.050	0.050	01/14/2015	ND	1.69	84.7	2.00	5.60	
Ethylbenzene*	<0,050	0.050	01/14/2015	ND	1.64	82.1	2.00	6.18	
Total Xylenes*	<0.150	0.150	01/14/2015	ND	4.96	82.7	6.00	6.13	
Total BTEX	<0.300	0.300	01/14/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.1	% 61-154						To the tree and their commence and sense.	
Chloride, SM4500CI-B	mg/	mg/kg		d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/13/2015	ND	400	100	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	01/12/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	82.1	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	84.2	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability 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 whatsoever shall be deemed waived unless made in writing and received by Cordinal within thirty (30) days after completion of the applicable service. In no event shall Cordinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subcliairies, affiliaties 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. Kune



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 (H500080-02)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2015	ND	1.73	86.5	2.00	5.88	
Toluene*	<0.050	0.050	01/14/2015	ND	1.69	84.7	2.00	5.60	
Ethylbenzene*	<0.050	0.050	01/14/2015	ND	1.64	82.1	2.00	6.18	
Total Xylenes*	<0.150	0.150	01/14/2015	ND	4.96	82.7	6.00	6.13	
Total BTEX	<0.300	0.300	01/14/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	93.3	% 61-154						***************************************	
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP		J			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Алајуге	d By: MS				·	· · · · · · · · · · · · · · · · · · ·
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	87.7	% 47.2-15	7						,
Surrogate: 1-Chlorooctadecane	90.5	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any datin 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

Celey to Keene



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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-2 VADOSE ZONE - C (H500080-03)

BTEX 80218	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2015	ND	1.73	86.5	2.00	5.88	
Toluene*	<0.050	0.050	01/14/2015	ND	1.69	84.7	2.00	5.60	
Ethylbenzene*	<0.050	0.050	01/14/2015	ND	1.64	82.1	2.00	6.18	
Total Xylenes*	<0.150	0.150	01/14/2015	ND	4.96	82.7	6.00	6.13	
Total BTEX	<0.300	0.300	01/14/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.4 9	% 61-154	!			14 1 14 14 14 14 14 14 14 14 14 14 14 14			* *** * *******************************
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/13/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: M5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/12/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	93.3 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	94.69	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remety 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 waked unless made in writing and received by Cerdinal 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 Clerk, its subclaidaries, 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 inexons 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



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 (H500080-04)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2015	ND	1.73	86.5	2.00	5.88	
Toluene*	<0.050	0.050	01/14/2015	ND	1.69	84.7	2.00	5.60	
Ethylbenzene*	<0.050	0.050	01/14/2015	ND	1.64	82.1	2.00	6.18	
Total Xylenes*	<0.150	0.150	01/14/2015	ND	4.96	82.7	6.00	6.13	
Total BTEX	<0.300	0.300	01/14/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.4 9	61-154	!						
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	01/13/2015	ND	400	100	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	01/12/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	82.1 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	83.79	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

arry 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 dam 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

Celeg to 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-8 does not require samples be received at or below 6°C

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any 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 whistoneyer 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 of use, or loss of use, or

Celey D. Keene

*	Relinquished by	Rozanne Johns	Relinquished by								3	2					m	riojaci *	(575)369-526	Phone #	Address: (Str	Danny Berry	Project Manager	Company Name	3	101 East Martand - Hobbs 88240	
One)		27.00	Date		7					Cell A-2 Vadose Zone-D	Cell A-2 Vadose Zone-C	Cell A-2 Vadose Zone-B	Cell A-2 Vadose Zone-A	80	FIELD CODE		sec 22M ~ Lea County -Ne	Lazy Ace Landfa			et, City, Zip) 9, New Mexico 88231			sfarm, LLC	Š		
Sample	1	Received By:	¥	Descrived by						G 1 ×	G 1 X	G 1 ×	- -		CONTAINE WATER SOIL	RS	1	SampleySign		Fax *	(575)36			Lazy Ace Landfarm	.		
	1-9	Staff) Date: Time:		Date: Time:						12/31	1231		13/21	x 112/31	HNO ₃ NaHSO ₄ H ₂ SO ₄ ICE (1-402) NONE DATE (2014)		rozanne@valornet.cor		5		(575)397-226		Marion 88231	.1	PO#	ories, Inc.	
	e	REMAR	Fax Re	Phone f				-		7	; E	3 8 V	x ×	ဗ ×	MTBE 80218 BTEX 80218	/602	តី 🏳	1_									
	Email Result	RKS:	L	L			+	+	+	 - -	\ ?	×	×	×	PAH 8270C Total Metals TCLP Metals	Ag As E	a Cd Cr a Cd C	Pb Se	Hg e Hg	6010	B/200).7		(Cr	<u> </u>	LAB Ord	HAIN-OF-C
			Yes	L	L		#	+	+	+					TCLP Semi \ TCLP Pestic	/olatiles ides								cle or Spec	VALYSIS	er iD#	USTOD
	<u>zanne@vaiornet.com)</u>		No Additional Fax Number:								×	×	×		GC/MS Vol. GC/MS Sem PCB's 8082 Pesticides 8 BOD. TSS. Moisture C Cations (C Anions (CI Total Disso	8260B/A ni. Vol. 8 l/608 l/608 go81A/60 pH ontent a, Mg, N , SO4, C	270C/6. 08 la, K) :O3, H0	CO3)						-	REQUEST	7.05	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
	(Circle One) Signate Condition Cool Index Ves No No No No	(Circle One) Circle One) Circ	Circle One) Received By: (Lapbratory Staff) Repeived By: (Lapbratory Staff) Date: Time: Remark Circle One) Sample Condition Yes Yes No No No No No No No No No N	Date: Ime: Fax Results Yes No	Date: Time: College Of the Colleg	Date: Time: Date: Time: Date: Time: Phone Results Yes No	Date: Time: Date: Time: Received by: Received By: (Labbratory Staff) Date: Time: Received By: (Labbratory Staff) Date: Time: Received By: (Labbratory Staff) Date: Time: Remarks: CHECKED BY CHECKED BY	Date: Time: Received By: (Labbratory Staff) Date: Time: Received By: (Labbratory Staff) Date: Time: Received By: (Labbratory Staff) CHECKED BY (Circle One) Circle One) Circle One) Other: Ot	Date: Time: Date: Time: Phone Results Yes No	Date: Time: Date: Time: Phone Results Yes No	Cell A-2 Vadose Zone-D G 1 X 1231 9:50 A Cell A-2 Vadose Zone-D G A X 1231 9:50 A A A Cell A-2 Vadose Zone-D G A X 1231 9:50 A A A Cell A-2 Vadose Zone-D Cell A-2 Vadose Zone-	Cell A-2 Vadose Zone-D G 1 X 1231 9:50 X 1231 9:50 X 1231 9:50 X X 1331 9:50 X X X X X X X X X X X X X	Cell A-2 Vadose Zone-C Cell A-2 Vadose Zone-C G G 1 X 1231 9:50 X 1231 9:50 X X X Included An	Cell A-2 Vadose Zone-B	Cell A.2 Vadose Zone-B G 1 X X 1231 8:50 X X Cell A.2 Vadose Zone-B G 1 X X 1231 9:20 X X Cell A.2 Vadose Zone-C G 1 X X 1231 9:50 X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 1 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 2 X X 1231 9:50 X X X Cell A.2 Vadose Zone-D G 3 X X Cell A.2 Vadose Zone-D G 4 X X 1231 9:50 X X X Cell A.2 VA X 1231 9:50 X X X Cell A.2 VA X 1231 9:50 X X X Cell A.2 VA X 1231 9:50 X X X Cell A.2 VA X 1231 9:50 X X X Cell A.2 VA X 1231 9:50 X X X Cell A.2 VA X 1231 9:50 X X X Cell A.2 VA X 1231 9:50 X X X Cell A.2 VA X 1231 9:50 X X X Cell A.2 VA X 1231 9:50 X X X Cell A.2 VA X 1231 9:50 X X X Cell A.2 VA X 1231 9:50 X X X Cell A.2 VA X 1231 9:50 X X X Cell A.2 VA X 1231 9:50 X X X Cell A.2 VA X 1231 9:50 X X X Cell A.2 VA X 1231 9:50 X X X Cell A.2 VX X 1231 9:50 X X X Cell A.2 VX X 1231 9:50 X X X Cell A.2 VX X 1231 9:50 X X X Cell A.2 VX X 1231 9:50 X X X Cell A.2 VX X 1231 9:50 X X X Cell A.2 VX X 1231 9:50 X X X Cell A.2 VX X 1231 9:50 X X X Cell A.2 VX X 1231 9:50 X X X Cell A.2 VX X 1231 9:50 X X X Cell A.2 VX X 1231 9:50 X X X Cell A.2 VX X 1231 9:50 X X X Cell A.2 VX X 1231 9:50 X X X Cell A.2 VX X 1231 9:50 X X X Cell A.2 VX X 1231 9:50 X X X Cell A.2 VX X 1231 9:50 X X X Cell A.2 VX	FIELD CODE FIELD CODE FIELD CODE Cell A-2 Vadoes Zone-B G G	Circle One) Circle One)	Coll A-2 Vadoes Zone-D	AB Sec 22M Lea County New Mexico New	Coll A-2 Vadose Zone-B Coll A-2 Vadose Zon	1,369-5266 Project forme Project forme	100 100	State Sec 22M - Lea County New Mexico Sec 22M - Lea Co	Coll N.2 Valores Zone Date Time County Valores Zone Date Time Coll N.2 Valores Zone Date Coll N.2 Valores Zone Date Time Time Time Time Time Time Ti	Second S	Control Cont	AMALYSIS REQUEST Landfarm LLC Landfarm

Page 1 of 1



January 14, 2015

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 01/09/15 16:16.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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)

Celeg D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 (H500081-01)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2015	ND	1.73	86.5	2.00	5.88	
Toluene*	<0.050	0.050	01/14/2015	ND	1.69	84.7	2.00	5.60	
Ethylbenzene*	<0.050	0.050	01/14/2015	ND	1.64	82.1	2.00	6.18	
Total Xylenes*	<0.150	0.150	01/14/2015	ND	4.96	82.7	6.00	6.13	
Total BTEX	<0.300	0.300	01/14/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.5	% 61-154			to code to a constant				
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	01/13/2015	ND	400	100	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	01/13/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	81.6	% 47.2-15	7						
Surrogate: I-Chlorooctadecane	81.3	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's Nability 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 an any other cause whistoners shall be deemed waked unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be listle for incidential or consequential damages including, without limitation, business interruptions, loss of use, or loss of profits incurred by dient, its subsidiaries, afflicts or successions arising out of related to the performance of the services hereunder by Cardinal, regardless of whether suc 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.

Celeg Titiene



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

Fax To: (575) 397-2267

Received:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 - B (H500081-02)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2015	ND	1.73	86.5	2.00	5.88	
Toluene*	<0.050	0.050	01/14/2015	ND	1.69	84.7	2.00	5.60	
Ethylbenzene*	<0.050	0.050	01/14/2015	ND	1.64	82.1	2.00	6.18	
Total Xylenes*	<0.150	0.150	01/14/2015	ND	4.96	82.7	6.00	6.13	
Total BTEX	<0.300	0.300	01/14/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.99	% 61-154		THE RESERVE TO SERVE THE PARTY OF THE PARTY					
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	01/13/2015	ND	400	100	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	01/13/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	76.7 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	.76.79	52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclus 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 Bable 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

Celeg & Keine



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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-3 VADOSE ZONE - C (H500081-03)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2015	ND	1.73	86.5	2.00	5.88	
Toluene*	<0.050	0.050	01/14/2015	ND	1.69	84.7	2.00	5.60	
Ethylbenzene*	<0.050	0.050	01/14/2015	ND	1.64	82.1	2.00	6.18	
Total Xylenes*	<0.150	0.150	01/14/2015	ND	4.96	82.7	6.00	6.13	
Total BTEX	<0.300	0.300	01/14/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	93.9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS			· · · · · · · · · · · · · · · · · · ·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/13/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	205	102	200	2.49	
Surrogate: I-Chlorooctane	91.3	% 47.2-15	7		W-36-W-36-C				
Surrogate: 1-Chlorooctadecane	92.2 9	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoners 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

Celey & Keene



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 - D (H500081-04)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2015	ND	1.73	86.5	2.00	5.88	
Toluene*	<0.050	0.050	01/14/2015	ND	1.69	84.7	2.00	5.60	
Ethylbenzene*	<0.050	0.050	01/14/2015	ND	1.64	82.1	2.00	6.18	
Total Xylenes*	<0.150	0.150	01/14/2015	ND	4.96	82.7	6.00	6.13	
Total BTEX	<0.300	0.300	01/14/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.6	% 61-154	·			A 11 Mr. 100 May 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2015	ND	400	100	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	01/13/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	86.9	% 47.2-15	7						
Surrogate: I-Chlorooctadecane	90.3	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any dain arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All cleims, including those for negligence and any other cause whistoever shall be idented whether the dains in the liability of the performance. In no event shall Cardinal be liabile for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subcidiaries, 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. Kiene



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-8 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 MOTE: Usbility 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 whistonewer 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 correspondential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subclaimies, 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 related only to the samples identified above. It is report shall not be reproduced except in full with written approval of Cardinal laboratories.

Celey D. Keine

(575) 393-2326 (575) 393-2476 101 East Marland - Hobbs. New ompany Name Sampler Delivered By Relinquished by P. O. Box 160 Eunice, New Mexico 8823 oject Location Danny Berry Lazy Ace Landfarm, (575)369-5266 T20S R34E DNLY ONLY zadbe Jennson LAB# (Street, City, Zip) UPS Sec 22M ~ Lea County -New Mexico (Circle One) Cell A-3 Vadose Zone-C Cell A-3 Vadose Zone-B Cell A-3 Vadose Zone-D Cell A-3 Vadose Zone-A Mexico Te: Fax Bus ָ הַ h Lazy Ace Landfarm Project Name FIELD CODE Other: THE Ñ Cardinal Laboratories, ç 2.50 15 Fax Received by (G)rab or (C)omp G G ြ ြ BILL TO Company (575)369-5266 Lazy Ace Landfarm, LLC ¥ es # CONTAINERS O. Box 160 Eunice. New Mexico 8823: WATER Yes × SOIL × × × AIR SLUDGE HCL PRESERVATIVE HNO₃ Bezanne Johnson (575)631-9310 rozanne@valornet.com METHOD Date Date NaHSO₄ H₂SO₄ City, Zip) Inc. ICE (1-4oz jar) (575)397-2267 × Time NONE SAMPLING 12/31 11:45 12/31 12/31 0 12/31 10:40 DATE (2014) 0/6 11:15 10:25 TIME MTBE 8021B/602 REMARKS: Fax Results Phone Results BTEX 8021B TPH 8015M CHAIN-OF-CUSTODY AND ANALYSIS REQUEST Email Results to: × × × PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 LAB Order ID # TCLP Metals Ag As Ba Cd Cr Pb Se Hg (Circle or Specify Method No. **ANALYSIS REQUEST TCLP Volatiles** Yes es TCLP Semi Volatiles **TCLP Pesticides** rozanne@valornet.com **RCRA Metals** Ö 8 GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270C/625 Additional Fax Number PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) **Total Dissolved Solids** Chlorides × × × Turn Around Time ~ 24 Hours Page 7 of 7



January 14, 2015

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 01/09/15 16:16.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 (H500082-01)

BTEX 8021B	mg/kg		Analyze	d By: MS				***************************************	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.3	% 61-154							
Chloride, SM4500Cl-B	mg/	mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2015	ND	400	100	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	01/13/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	89.79	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	92.6 9	6 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

sed in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for neolioence and any other cause whatsoever shall be deemed warved 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 dar 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 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 approved of Cardinal Laboratories.

Celeg Ditrane



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

Fax To:

(575) 397-2267

Analyzed By: MS

Received:

BTEX 8021B

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 (H500082-02)

DIEX OUZID	тд/кд		Analyzeo by: M3						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.2 9	6 61-154							
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2015	ND	400	100	400	3.92	
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	01/13/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	89.9 %	6 47.2-157							
Surrogate: 1-Chlorooctadecane	93.1 9	6 52.1-176							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Usability 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 firmitation, 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 & Kune



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 - C (H500082-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.1	% 61-154	1				Name (1991) - 1995 - 1996 (1991) - 1995 (1991)		
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2015	ND	400	100	400	3.92	
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	01/13/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	82.9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	85.0	% 52.1-17	' 6						

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 washed unless made in writing and received by Cardinal within (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated resions or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal laboratories.

Celey & Keine



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 (H500082-04)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.0	% 61-154	!						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/13/2015	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/13/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	76.5	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	78.3 S	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any datin arising, whether based in contract or text, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whotsoever 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 & Keene



Notes and Definitions

NU	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: Liability and Damages. Cardinal's liability and client's exclusive remetly 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 completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal Laboratories.

Celey & Kiene

(575) 393-2326 (575) 393-2476 01 East Marland - Hobbs Relinquish 18000SH Delivered By Relinquished P. O. Box 160 Eunice, New Mexico 8823: Sampler oject Location Danny Berry Lazy Ace Landfarm, (575)369-5266 ONLY ONLY T20S R34E Sec LAB # (Street, City, Zip) UPS - Bus -(Circle One) Cell A-4 Vadose Zone-D Cell A-4 Vadose Zone-C Cell A-4 Vadose Zone-B Cell A-4 Vadose Zone-A Ž 22M ~ Lea County -New Mexico Mexico Tel Fax 47015 Lazy Ace Landfarm roject Name FIELD CODE Other ime Cardinal Laboratories, Inc. Fax Received (G)rab or (C)omp ၈ ြ 6 G BILL TO Company Yes No (575)369-5266 Lazy Ace Landfarm, LLC O. Box 160 Eunice, New Mexico 88231
Phone#: # CONTAINERS â WATER SOIL × × × AIR SLUDGE HCL PRESERVATIVE HNO₃ rozanne@valornet com lozanne Johnson (575)631-9310 METHOD 51025 Date NaHSO₄ (Street, City, Zip) H₂SO₄ ICE (1-4oz jar) (575)397-2267 ime NONE SAMPLING 12/31 13:50 12/31 13:1: 12/31 12:40 12/31 DATE (2014) 12:1 TIME MTBE 8021B/602 Fax Results Phone Results BTEX 8021B **TPH 8015M** × × CHAIN-OF-CUSTODY AND ANALYSIS REQUEST Email Results to: PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 LAB Order ID# TCLP Metals Ag As Ba Cd Cr Pb Se Hg (Circle or Specify Method No TCLP Volatiles **ANALYSIS REQUEST** Yes Yes TCLP Semi Volatiles rozanne@valornet.com **TCLP Pesticides** 8 No **RCRA Metals** GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270C/625 Additional Fax Number PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH **Moisture Content** Cations (Ca, Mg, Na, K) Anions (CI, SO4, CO3, HCO3) **Total Dissolved Solids** Chlorides × × Turn Around Time ~ 24 Hours Page 7 of 7

Page 1 of



January 14, 2015

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 01/09/15 16:16.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.qov/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. Keens

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:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 - A (H500083-01)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.4	% 61-154	1				***************************************		
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2015	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/13/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	93.0	% 47.2-15	 						
Surrogate: 1-Chlorooctadecane	94.2	% 52.1-17	76						

*=Accredited Analyte **Cardinal Laboratories**

PLEASE NOTE: Liability and Damages. Cardinal's liability and dient's exclusive remedy for any datim arising, whether based in contract or tort, shall be limited to the amount paid by dient for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and residued by Clerifynal 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 successons 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.

Celay D. Kenne



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 (H500083-02)

BTEX 8021B	mg/	ka	Analyze	d By: MS					
	9,		71.01,20					***************************************	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.6	% 61-154		The state of the s					
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	01/13/2015	ND	400	100	400	3.92	
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	01/13/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	94.2	% 47.2-15	7	A COLOR DE LA CASA DE					
Surrogate: 1-Chlorooctadecane	96.5	% 52.I-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's flability and client's e all be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waked 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 demages, 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

Celen There



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

Fax To:

(575) 397-2267

Analyzed By: MS

Received:

BTEX 8021B

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 - C (H500083-03)

		-9	7474720	C Dy. 140					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.69	61-154							
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	01/13/2015	ND	400	100	400	3,92	
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	01/13/2015	ND	209	105	200	3.44	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	205	102	200	2.49	
Surrogate: 1-Chlorooctane	83.9 %	6 47.2-157	,						
Surrogate: 1-Chlorooctadecane									

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Usability and Damages. Cardinal's liability and clients 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 whistoners shall be idented wished unless made in writing and received by Cardinal within tithin (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 or 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 & Kiene



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/31/2014

Reported:

01/14/2015

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 (H500083-04)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.7	% 61-154	!						
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	01/13/2015	ND	400	100	400	3.92	
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	01/13/2015	ND	210	105	200	3.59	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	204	102	200	2.02	
Surrogate: 1-Chlorooctane	84.9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	86.4	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability 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 whatsoever shall be deemed valved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be labele for incidental or consequential damage 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, repertiess of whether successors arising out of or related to the performance of the services hereunder by Cardinal, repertiess of whether successors arising out of or related to the performance of the services hereunder by Cardinal, repertiess of whether successors arising out of or related to the performance of the services hereunder by Cardinal, repertiess of whether successors arising out of or related to the performance of the services hereunder by Cardinal, repertiess of whether successors arising out of or related to the performance of the services hereunder by Cardinal, repertiess of whether successors arising out of or related to the performance of the services hereunder by Cardinal, repertiess of whether successors arising out of or related to the performance of the services hereunder by Cardinal arising the services arising the servic

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

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waked unless made in writing and received by Cardinal within 11th (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business intermptions, 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 resource or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal laboratories.

Celey D. Keine

	Delivered By Sampler		Relinquished by	Rozanne Johnson	Relinguished									Project Location: T20S R34E LAB # LAB USE ONLY	(575)369-5266 Project #:	P. O. Box 160	Address	Danny Berry	Lazy Ace	(575) Company Name	88240 (575) 393-2326	101 East Marland - Hobbs, New
	(Circle One) OPS - Bus - Other: 2.8°		Date Time	1-6-7/	Time: Time:					Cell A-5 Vadose-D	3 Cell A-5 Vadose-C	2 Cell A-5 Vadose-B	! Cell A-5 Vadose-A	AE Sec 22M ~ Lea County -New Mexico		P. O. Box 160 Eunice, New Mexico 88231	(Street, City, Zip)	erry	Lazy Ace Landfarm, LLC	393-2476	Cardinal	Mexico
	C Solo		Recen		Received by					G	ြ	ြ	ြ	(G)rab or (C)omp		Fax #					nal	_ #
!	e Condition	Z	ved B		ed b					1-	-	_	-	# CONTAINERS		(0/0)369-5266	1676	P 0 6	Lazy Ace Landfarm,	BILL TO	Laboratories,	•
	Cogn Cogn	1	<u>`</u>	7	`			寸	1					WATER	İ)30	5	O. Box 160 Eunice, New Mexico 88231	ð			
(1)	× γ eg	The state of the s			T					×	×	×	×	SOIL E		9	Phones	60 E	e Land	Company	\sim	
井	∏ē	L	ğ		Ī									SOIL Sample Samp		000	F 4	unio		Page 4	7	
ch 1	· · · · · ·	<i>K</i>	tory Staff)							$oxed{oxed}$				SLUDGE	\ \			Z e	fan	Ì	2)
2		05	3		L			_	_	<u> </u>	<u> </u>	_	Ļ		V	1		¥			0	,
		7	ı		L		\sqcup	_		╁	╀	┞-	-	HCL 3	il.			XiO	E			
	\$ c	_	0		ᆔ		\vdash			+	┼	-	-	HNO ₃ RESERVED	A.,			8823	J	1	e	,
	HECKE	10	Date		Date		\vdash	\dashv	-	+	+-	├	\vdash	NaHSO4 Zanne On Zanne (Q	\searrow	ı		31	Ē	1	S	į
	CHECKED BY	4			ŀ		\vdash		\dashv	×	×	×	×	HNO ₃ NaHSO ₄ H ₂ SO ₄ ICE (1-4oz jar)		10	Fax#		Street City Zip)	P Q	-	=
	ВҮ	10	Time		Time		\vdash		-	弋	十	1	۴	NONE Major		Č	7 X		Ž	*		}
		5/6	ğ		<u>آ</u>	1				12/3	12/3	12/3	12/3			(3/3/38/-220	207	,	1		nc.)
		16			Ì					15:4	12/31 15:15	14:45	14:20	DATE (2014) TIME SAMPLING		707	7267					
		I	낆	Fa	P	\dashv				T	T			MTBE 8021B/602								
			REMARKS:	Fax Results	Phone Results		TT		1	×	×	×	×	BTEX 8021B								ĺ
		E E	짌	Sult	R B	\top				×	×	×	×	TPH 8015M							1	$\overline{\Omega}$
		Email Results to:	<i></i>	5	E S					I				PAH 8270C								₽
		88		\sqcup	_[Ш		1	+	+	+	+	Total Metals Ag As Ba Cd Cr Pb Se TCLP Metals Ag As Ba Cd Cr Pb Se		B/20	0.7				∑	CHAIN-OF-CUSTODY AND ANALYSIS
		हैं इ		7	싓	+-	\vdash	\vdash	\dashv	+	+	+	+	TCLP Metals Ag As Ba Cd Cr Pb Si	~ 1.W				Ω >	.	AB Order ID #	Ť
		ខ្ល		Yes	Ύes	+	$\dagger \exists$		\dashv	士	T		T	TCLP Semi Volatiles					ANALYSIS REQUEST (Circle or Specify Method No.)		der -	Ä
		0			7		П			T	Ι	Ι	Ι	TCLP Pesticides					or S		#	370
		rozanne@valornet	١	Z o	ह						Ι	Γ		RCRA Metals					Deci S			ğ
		ne (İ		П				Ι	Γ		GC/MS Vol. 8260B/624					₹ X			≥
		(C) (x)		Ą	I		Π			Τ	I	Ι	Ι	GC/MS Semi. Vol. 8270C/625								8
		<u>a</u>		ditio	Ì					\top		Π	Ι	PCB's 8082/608					y Method No.	<u>;</u>		₹
		net		nalf	ı					T		\prod	\prod	Pesticides 8081A/608					<u>o</u> -	1		₽
		com		Additional Fax Number	ı							Γ	I	BOD, TSS, pH								\X
		B		N L L					$oxed{\Box}$	1		1	_	Moisture Content								S
				ğ			4_		\sqcup	4	+	+	+	Caliana (Ca. Ma. Ma. V)								REQUEST
]					-		<u> </u>	-	+-	+	+	+	Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3)							'	≥
					-		+		-+	+-	+-	+	+	Total Dissolved Solids								ES
					l	-	+-		$\vdash \vdash$	+-	+	+	+	Chlorides								ľ
					١	-	+-	-		+×	 *	×	×					_			ليب	Ļ
	-				- 1		1	ſ	1 1	1	1	1	1	Turn Around Time ~ 24 Hours					Dar	7 סי	of	7

Page 1



January 14, 2015

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 01/09/15 16:16.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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:

01/09/2015

Sampling Date:

12/30/2014

Reported:

01/14/2015

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 - A (H500084-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.7	% 61-154							
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	01/13/2015	ND	400	100	400	3.92	
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	01/13/2015	ND	210	105	200	3.59	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	204	102	200	2.02	
Surrogate: 1-Chlorooctane	89.69	% 47.2-15	7				WETTER		Marian Language Commission
Surrogate: 1-Chlorooctadecane	91.79	6 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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

Celey & Keene



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/30/2014

Reported:

01/14/2015

Sampling Type:

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 (H500084-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS			<u> </u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.2 9	% 61-154							
Chloride, SM4500Cl-B	mg/	kg	Anatyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2015	ND	400	100	400	3.92	
TPH 801SM	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	01/13/2015	ND	210	105	200	3.59	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	204	102	200	2.02	
Surrogate: 1-Chlorooctane	89.3 9	% 47.2-15	7	200			A A A A A A A A A A A A A A A A A A A		
Surrogate: 1-Chlorooctadecane	93.9 9	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and diserts 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, day only date wastered state to be best to the same of

Celey Ditreme-



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

Fax To: (575) 397-2267

Received:

01/09/2015

Sampling Date:

12/30/2014

Reported:

01/14/2015

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 - C (H500084-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.6	% 61-154	!						
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	01/13/2015	ND	400	100	400	3.92	
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	01/13/2015	ND	210	105	200	3.59	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	204	102	200	2.02	
Surrogate: 1-Chlorooctane	85.4	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	85.5	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and disent'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 11thing (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential demages, 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 resource 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



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/30/2014

Reported:

01/14/2015

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 (H500084-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.7	% 61-154							
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	01/13/2015	ND	400	100	400	3.92	
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	01/13/2015	ND	210	105	200	3.59	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	204	102	200	2.02	
Surrogate: 1-Chlorooctane	85.3	% 47.2-15	7						
Surrogate: I-Chlorooctadecane	86.2	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability 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 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 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.

Celeny theme



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: 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 idented wived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicible 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 subcidiaries, 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 occept in full with written approved of Cardinal laboratories.

Celeg D. Keine

Lazy Ace Landfarm, LLC Lazy Ace Landfarm, LLC Lazy Ace Landfarm, LLC Street Cty, Ze)		Sampler - UPS - Bu		Reinquisher by:	1	K	Y .			Cell A-6 Vadose-D	Cell A-6 Vadose-C	2 Cell A-6 Vadose-B	Cell A-6 Vadose-A	LABUSE ONLY R50008584	Address: (Street City, Zip) P 0 Box 160 Eunice, New Mexico 88231 Phone #: (575)369-5266 Project # Project Lazy / Project Location: T20S R34E Sec 22M ~ Lea (Project Manager: Danny Berry	Landfarm,	(575) 393-2476
Company Comp		s - Other		Time 16						/adose-D	/adose-C	adose-B	/adose-A	FIELD CODE	exico 88231 Project Name: Lazy Ace Landfarm Lazy Ace Landfarm		rtc	
WATER ACE Land farm, LLC Street Cey, 26		S		Reco		Danah				ြ	ဝ	ဝ	ဝ	(G)rab or (C)omp	7 1 #			
WATER ACE Land farm, LLC Street Cey, 26		8 ° 1	(A)	2	9	ì				-	-	-	-	# CONTAINERS	(576		BILL 1	
SLUDGE X Now Memore 8231		Υ.								I)36,	0x 1	δο	
SLUDGE X Now Memore 8231	41		1	800		L	$\bot \bot$		Ц	×	×	×	×	SOIL		30 Eu	e La	
HCL	4	17/8	5	ğ		\vdash	++	+-	\vdash	-	╀	-	Н	AIR R	8 4	nice.	Day	
HCL			15	Sta		\vdash	++	+	H		╁	╁	Н	SCODGE	100	New	arm	
Results Phone Results Phone Results Phone Results Phone Results Phone Results Phone Results Phone Results Phone Results Phone Results Phone Results Phone Results Phone Results Phone Results Phone Results Phone Results Phone Results Phone Results Phone Par Phone Results Phone Par Ph	~	~	8	3		H	++	十	\vdash	+	十	1		HCL .		Mexic		
Real Results to:	7	J- 0												HNO ₃		88	C	l
NONE 19 19 19 19 19 19 19 1		Z H	7	Date	2								Ц	NaHSO₄ m	anc	(Stre		
NONE 19 19 19 19 19 19 19 1		€ XEO	13			-	++	+-			 	_		H ₂ SO ₄	e G	et. Ca	9	
Tax Results Tax		ВУ	10	3	Ī	┇┪	++	+	\vdash	 ^	ا	 	Ĥ	NONE	Son (y. 24	•	
Tax Results Tax Results			6	đ	ã					12/30	12/30	12/30	12/30)397-2 575)831-3 prnet.c	3		
No		i		- 1						14:35	14:10	13:50	13:20	TIME I	267 267 9310 om			L
ANALYSIS REQUEST Commonwealth C			9					_			Т			MTRF 8021B/602				
PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Pesticides TCLP Pesticides TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270C/625 PCB's 8082/608 Pesticides 8081A/608 BOD. TSS, pH Moisture Content Cations (Ca. Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids				RE	Fax	<u> </u>			\sqcup			_	-	WIDE GOT IN COT				
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides TCLP Pesticid			<u> </u>	REMAR	Fax Res	D D D		1			+	+	-	BTEX 8021B				ı
CCATIONS (Ca. Mg, Na, K) Total Dissolved Solids Total Dissolved S			<u> </u>	REMARKS:	Fax Results	Phone Recut					+	+	-	BTEX 8021B TPH 8015M				
CCATIONS (Ca. Mg, Na, K) Total Dissolved Solids Total Dissolved S			<u> </u>	REMARKS	Fax Results	Phone Results					+	+	-	BTEX 8021B TPH 8015M PAH 8270C	d Cr Pb Se Hg 6010B/200.7			
RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270C/625 PCB's 8082/608 Pesticides 8081A/608 BOD. TSS, pH Moisture Content Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids			<u> </u>	L	suits	Results					+	+	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C			3	
RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270C/625 PCB's 8082/608 Pesticides 8081A/608 BOD. TSS, pH Moisture Content Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids			<u> </u>	L	suits	Results					+	+	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Volatiles			ANJ (Circk	
BOD. TSS, pH Moisture Content Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids			Email Results to:	L	suits	Results					+	+	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Volatiles TCLP Semi Volatiles			ANALY (Circle or 8	
BOD. TSS, pH Moisture Content Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids			Email Results to:	les	suits	Results					+	+	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides			ANALYSIS (Circle or Spec	
BOD. TSS, pH Moisture Content Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids			Email Results to:	les	suits	Results					+	+	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals	Cd Cr Pb Se Hg		ANALYSIS RE	
BOD. TSS, pH Moisture Content Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids			Email Results to:	lies livo	suits	Results					+	+	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624	Cd Cr Pb Se Hg		ANALYSIS REQU	
Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids			Email Results to:	lies livo	suits	Results					+	+	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270 PCB's 8082/608	Cd Cr Pb Se Hg		ANALYSIS REQUES (Circle or Specify Method N.)	
Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids			Email Results to:	lies livo	suits	Results					+	+	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270 PCB's 8082/608 Pesticides 8081A/608	Cd Cr Pb Se Hg		ANALYSIS REQUEST (Circle or Specify Method No.)	
Anions (CI, Mg, Ne, R) Anions (CI, SO4, CO3, HCO3) Total Dissolved Solids			Email Results to:	lies livo	suits	Results					+	+	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270 PCB's 8082/608 Pesticides 8081A/608 BOD. TSS, pH	Cd Cr Pb Se Hg		ANALYSIS REQUEST (Circle or Specify Method No.)	
Anions (CI, SO4, CO3, HCO3) Total Dissolved Solids			Email Results to:	lies livo	suits	Results					+	+	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270 PCB's 8082/608 Pesticides 8081A/608 BOD. TSS, pH	Cd Cr Pb Se Hg		ANALYSIS REQUEST (Circle or Specify Method No.)	
			Email Results to:	lies livo	suits	Results					+	+	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270 PCB's 8082/608 Pesticides 8081A/608 BOD. TSS, pH Moisture Content	Cd Cr Pb Se Hg		ANALYSIS REQUEST (Circle or Specify Method No.)	
×××× Chlorides			Email Results to:	lies livo	suits	Results					+	+	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270 PCB's 8082/608 Pesticides 8081A/608 BOD. TSS, pH Moisture Content Cations (Ca, Mg, Na, F Anions (Cl, SO4, CO3,	Cd Cr Pb Se Hg DC/625		ANALYSIS REQUEST (Circle or Specify Method No.)	
			Email Results to:	lies livo	suits	Results					+	+	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270 PCB's 8082/608 Pesticides 8081A/608 BOD. TSS, pH Moisture Content Cations (Ca, Mg, Na, Manions (Cl, SO4, CO3, Total Dissolved Solids	Cd Cr Pb Se Hg DC/625		ANALYSIS REQUEST (Circle or Specify Method No.)	

Page 1 of



January 14, 2015

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 01/09/15 16:17.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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:

01/09/2015

Sampling Date:

12/30/2014

Reported:

01/14/2015

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-7 VADOSE-A (H500085-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.8	% 61-154					A. A. T.		
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	01/13/2015	ND	400	100	400	3.92	
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	01/13/2015	ND	210	105	200	3.59	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	204	102	200	2.02	
Surrogate: 1-Chlorooctane	93.8	% 47.2-15	7				The state of the s		
Surrogate: 1-Chlorooctadecane	98.6	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability 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 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 dient, 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.

Celey Ditrane -



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/30/2014

Reported:

01/14/2015

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-7 VADOSE-B (H500085-02)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.8	% 61-154							
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	01/13/2015	ND	400	100	400	3.92	
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	01/13/2015	ND	210	105	200	3.59	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	204	102	200	2.02	
Surrogate: 1-Chlorooctane	92.1	% 47.2-15	7			AND AND ADDRESS OF THE PARTY OF			
Surrogate: 1-Chlorooctadecane	95.4	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's Rability and clients exclusive remedy for any datin 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 Clerdinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subcidentes, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Continual Laboratories.

Celeg & Keens



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/30/2014

Reported:

01/14/2015

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-7 VADOSE-C (H500085-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	NĐ	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.4	% 61-154							
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	01/13/2015	ND	400	100	400	3.92	
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	01/13/2015	ND	210	105	200	3.59	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	204	102	200	2.02	
Surrogate: 1-Chlorooctane	96.8	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	101 9	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's Rability 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 Rable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based onto any of the above stated reasons or otherwise. Reside rable onto the samples identified above. The performance of the services hereunder by Cardinal, regardless of whether such claim is based unoun any of the above stated reasons or otherwise. Reside rable onto the samples identified above. The performance of the services hereunder by Cardinal, regardless of whether such

Celey & Kune



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

Fax To:

(575) 397-2267

Received:

01/09/2015

Sampling Date:

12/30/2014

Reported:

01/14/2015

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN

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

Sample ID: CELL A-7 VADOSE-D (H500085-04)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.1	% 6I-154	!						
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	01/13/2015	ND	400	100	400	3.92	
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	01/13/2015	ND	210	105	200	3.59	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	204	102	200	2.02	
Surrogate: 1-Chlorooctane	86.5	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	90.0	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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.

Celeg to trans



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

alex X Keine

	Delivered By: (Sampler - U	Nomique by	Rocaline Johnson	Relinduisingsboy						ç	3	2		1500034	(LABUSE)	LAB *		T20S R34E	Original Control	(575)369-5266 Project #	Phone #	P. O. Box 160 Eu	Address: (S	Project Manager	Lazy Ace Landfarm,	(575) 393-2476	101 East Marland - Hobbs New Mexico 88240 Tel	
	(Circle One) UPS - Bus - Other: $2.8c$	Date	07-41	Date: Time:						Cell A-7 Vadose-D	Cell A-7 Vadose-C	Cell A-7 Vadose-B	Cell A-7 Vadose-A	38		FIELD CODE		Sec 22M ~ Lea County -New Mexico	Lazy Ace Landfarm	66 Project Name:		P. O. Box 160 Eunice, New Mexico 88231	Y (Street City Zip)		ndfarm, LLC	700	bbs New Mexico Tel STdingl	
	Saffiple	Neg Neg	•	Received by						ഒ	ြ	ရ	ြ	(G)ra	b or	(C)omp	<u>C</u>	xico			Fax #					1141	ت ا	
()	Semple Condition Yes No	Out.		ed by						4	-	-	-			AINERS	2/1	1			10,0	(575)369-5266	P. O. Box 160 Eunice, New Mexico 88231		BILL TO Company Lazy Ace Landfarm,		Lahoratories	
#	<u>₹</u> 💆	(Laboratory Staff)			\vdash	\vdash	+	+	╂╌┨	_	_	_	_	WA.			1	\mathcal{N}°			- 18	<u>,</u>	, <u>ê</u>	≯	8 5	5	5	
#					<u> </u>	\vdash	-	+-	\vdash	×	×	×	×	SOI			MATRIX	Sampler Signature	! `	\		506	80 Eunio	Address	Company Ce Landf		2	
7,	intec	S AUG			\vdash	\vdash	+	+	H			-	-	AIR SLU	DGE	:	₹	A 38		Y	1	Ď [†]	* 8 Z	8	dfa	2	3	l
, , ,		MOY			\vdash	\vdash	+	╁╴	\vdash	-			-	320	DGL	-	1) man	1/1	J	1		3		TI,		+	
\sim	~	Z	1			\vdash	十	_						HCL				1 /		\mathcal{N}_{i}			ex o		LLC		2	
0		7 0	,	0										HNC)3		PRESERVATIVE METHOD	्र 🗟	1				88		C		<u>.</u>	
	CHECKED BY	Date:	1	Date										NaH			SERVAT	Zanı	İ	1			31	(Str		2	2	1
	4 K	6			L	1	_	↓_	Ш	_				H₂S			절	ne(C	1	1		_	_	er. C	_			
	. BY			Time		\dashv	+-	┼	\vdash	×۱	×	×	×	NON		oz jar)		nson ()Va	1	1	9	(57)		(Street, City, Zip)	PO#		3	l
				99	H	\dashv	+	+-		-		-	1:				S	(575) Orn			0/0	<u>بر</u>	1	j)		1110	5	l
		6								2/30	2/30	2/30	2/30	DAT	E (20	14)	Š	Rozanne Johnson (575)631-93:				7	1			•		
		<u> </u>								10.20	9:50	12/30 9:20	8:40	TIME			LING	rozanne@valornet.com			(010)091-2201)) 						
		REMARKS:	Fax	Phone Results										МТВ	802	1B/602								_				
		_ AR	Results	8		_	_			×	×	×	×			1B/602								_				
		ina Ks	뜛	esu	\Box	_	_			<u> </u>	×	×	×			M GRO/I								_			Ω.	
		≅: ₽	ĺ	ड	$\vdash \vdash$	+	+-		\vdash	\dashv	\dashv		-			/TX1005 s Ag As		r Dh G	e Ha	6010	B #30	0.7		-			≱	
		Email Results to:			H	+	+	Н	+	+	\dashv	-				is Ag As					0/20	U. /		-		ξ	CHAIN-OF-CUSTODY	
		s	Yes	Yes						\Box				TCLP										<u> </u>	≥	Q.	Ž	
			<u> </u>	H	\vdash	+	+-	\sqcup	-	4	-	\dashv	_			Volatile	s							Circle or Specify Method No	ANALYSIS	LAB Order ID#	ξ	
		rozanne@valornet com	No.	닞	\vdash		+-	Н	\dashv	4	\dashv	-		TCLP										- 8	, <u>X</u>	, *	5	
		กกด	ō	S	\vdash	_	+-	Н		\dashv		-		RCRA										- <u>5</u>	Š		Š	
		0	_▶		\vdash		+	\vdash	-	\dashv	-	-	-			. 8260B								٠ ٢	뀨		B	
		vaic	d d		\vdash	-	+-	\vdash	\dashv	+	-	\dashv	-	PCB's		mi. Vol.	8270C/	525						- 8	2		ō	
		me	ona		\vdash	+	+	\vdash	\dashv	\dashv	+	-	\dashv			8081A/6	08							- 2	REQUEST		Ž	
		2t CC	Fax		\vdash	+	+	H	\dashv	+	\dashv	\dashv	\dashv	BOD,										<u>.</u> :	-		Ē	
		ă	Additional Fax Number		\vdash	+	+	H	\dashv	T	+	1				ontent								-			ANALYSIS REQUEST	Page
			nbe						士	丁														-			R	je_
			7		\Box					I	\Box		-			a, Mg, N								_			EQ	-
					-	_	+	\vdash	_	\bot	\dashv	4	-			SO4, C		CO3)									JE	
					+	+	+	\vdash	\dashv	+	+	\dashv	_			olved So	lids							-			ST	잌
					-	+	-	\sqcup	1	4	×	×	$\overline{}$	Chlori										_	De :	2 7	f 7	4
L														Tum /	/rour	nd Time	~ 24 H	ours						<u> </u>	Pag	<i>3 (</i>		



January 14, 2015

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 01/09/15 16:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 & 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:

RTFY 9021B

01/09/2015

Sampling Date:

12/30/2014

Reported:

01/14/2015

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 (H500086-01)

BTEX 80218	mg/	kg	Analyze	d By: M5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.5	% 61-154							
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	01/13/2015	ND	400	100	400	3.92	
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	01/13/2015	ND	210	105	200	3.59	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	204	102	200	2.02	
Surrogate: 1-Chlorooctane	87.2 9	% 47.2-157				A 1			March March
Surrogate: 1-Chlorooctadecane	91.19	% 52.I-176							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTIE: Liability and Damages. Cardinal's flability and offent's exclusive remedy for any dalim 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 consequently damages including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Kune



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

Fax To:

(575) 397-2267

Received:

01/09/2015

12/30/2014

Reported:

01/14/2015

Sampling Type:

Sampling Date:

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 (H500086-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	< 0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluoroberzene (PIL	94.9	% 61-154							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	<16.0	16.0	01/13/2015	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	01/13/2015	ND	210	105	200	3.59	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	204	102	200	2.02	
Surrogate: 1-Chlorooctane	94.2 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	97.5	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Usbillty 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 arry 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 dam including, without limitation, business interruptions, loss of use, or loss of use, or loss of profits incurred by dient, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such dairn 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 There-



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

Fax To:

(575) 397-2267

Analyzed Ry: MS

Received:

RTFY 8021R

01/09/2015

Sampling Date:

12/30/2014

Reported:

01/14/2015

Sampling Type:

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 - C (H500086-03)

BIEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.0	% 61-154							
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	01/13/2015	ND	400	100	400	3.92	
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	01/13/2015	ND	210	105	200	3.59	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	204	102	200	2.02	
Surrogate: 1-Chlorooctane	92.1	% 47.2-15	7		OF A SERVICE STATE OF A SERVICE			TO STANDARD	199 kd 21 - 295 V - 184
Surrogate: 1-Chlorooctadecane	93.8	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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

Celego treene-



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

Fax To:

(575) 397-2267

Analyzed By: MS

Received:

BTEX 8021B

01/09/2015

Sampling Date:

12/30/2014

Reported:

01/14/2015

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

mg/kg

Sample Received By:

Jodi Henson

Project Number: Project Location:

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

Sample ID: CELL X-1 VADOSE ZONE - D (H500086-04)

	97	9	72141724	y					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	8.42	
Toluene*	<0.050	0.050	01/13/2015	ND	1.62	80.9	2.00	7.71	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.57	78.4	2.00	7.96	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.74	79.0	6.00	8.32	
Total BTEX	<0.300	0.300	01/13/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	93.9 9	% 61-154	., . ,				and a second		
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	01/13/2015	ND	400	100	400	3.92	
TPH 801SM	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	01/13/2015	ND	210	105	200	3.59	
DRO >C10-C28	<10.0	10.0	01/13/2015	ND	204	102	200	2.02	
Surrogate: 1-Chlorooctane	88.5	% 47.2-157						1.000	
Surrogate: 1-Chlorooctadecane	93.4 9	% 52.1-176							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Camages. Cardinat's liability and client's exclusive remesty 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 warved 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 massers 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 T. Kuns



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

Celey D. Keine

Recovered by Laboratory Stam Date Time Library Stam Li	Sampler - UPS - Bus - Other 2.5c	Delivered By: (Circle One)	Care	4.012 10:17	7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						Tange Follows	Cell X-1 Vadora Zono	3 Call X.1 Variance 7	Z Cell X-1 Vadose Zone-B	/ Cell X-1 Vadose Zone-A	LAB USE ONLY 8(T20S R34E Sec 22M ~ Lea County -New Mexico	Lazy Ace Landfarm	(575)369-5266	Phone #:	P O Box (Street, City, Zip)	ny Ber	Project Manager	Company Name	393-2476	of - Hobbs: New Mexico
Time	S X	La Jun	(Laboratory		received by:						-	-	- - -	1	1 ×	# CONTAINER WATER SOIL AIR	S			5	-	Phone#		Lazy Ace Lan	BILL TO Compan		
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST 12.00 12.10 12.00 12.10 12.00 12.10 12.00 12.10 12.00 12.10 12.00 12.1	CHECKED BY	14-2015	Staff) Date:								×	×	×	 		HCL HNO ₃ NaHSO ₄ H ₂ SO ₄		1/3					Ce. New Mexico 88231	farm, LLC		ratories,	
MTBE 8021B/602 No No No No No No No N		81.9									12/30 12:55	12/30 12:15	12/30 11:35	12/30 11:00	T	NONE DATE (2014)	/E SAMPLING	on (575)631-9310 Valornet com			575)397-2267	#XB	ty. Zip)		ů.	Inc.	
TCLP Semi Volatiles		Email Res	EMARKS:	ax Results	hone Results						×	×	<u>×</u>	×	B Ti P	TEX 8021B PH 8015M AH 8270C										E	
TCLP Semi Volatiles		icits to:	Yes		Ž,	1	\pm			\dashv	7	7	_		TO	CLP Metals Ag As I	Ba Cd Cr Ba Cd C	Pb Se I r Pb Se	Hg 60 Hg	10B/2(00.7		- - - a		Ş	N O	
Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids X X X X Chlorides Turn Assert Transfer	ł		F	+	+	+	+	+	\prod	\dashv	7	7	-		TO	CLP Semi Volatiles								ANA	Order	Ğ	
Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids X X X X Chlorides Turn Assert Transfer		anne.	No	0		I	1			士	1	1	1		_		······································			····			orSp∢ -	LYSI		1018	
Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids X X X X Chlorides Turn Assert Transfer		۸ <u>(ج)</u>	×		F	+	+	+		\perp	\perp	\bot	4	_	_								- city	S		15	
Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids X X X X Chlorides Turn Assert Transfer		<u>a</u>	ditio		+	+	+-	+	$\vdash +$	+	+	+	4	4			70C/62	5					- Keth	EQ		IÃ	
Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids X X X X Chlorides Turn Assert Transfer		Ö. Eğ	nai r		r	\dagger	T	\vdash	+	+	+	+	+	\dashv			·		·		·····		8 - z	JES		B	
Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids X X X X Chlorides Turn Assert Transport		9	x ex						_	+	+	+	+	-									. <u>ē</u>	7		P	
Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids X X X X Chlorides Turn Assert Transport	!	3	ĮŽ,		L	1	\perp		\Box	T	I	I	1	-						·	•		•			IS.	Fa Pa
××× Chlorides			ğ		-	+	+	$\vdash \downarrow$	\dashv	_	+	1	Ţ	\downarrow									•				ge
××× Chlorides					H	+	+	╂╌┤	+	+	+	+	+													m	_
××× Chlorides						I	$\dagger \exists$		十	+	+	+	+					3)						- 1		E	
									1		 _	 _	T,							······································						ST	우
					Г	1	T		\top	+	+	十	+	+													_

15#

Arc Environmental

Rozanne Johnson P. O. Box 1772 Lovington, New Mexico 88260 (575) 631-9310 rozanne11@windstream.net

August 9, 2014

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

Mr. Jones,

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

Should you have any questions, please call.

Sincerely,

Rozanne Johnson

Arc Environmental, LLC

Enclosure: Copies of Analysis



July 02, 2014

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

RE: LAZY ACE LANDFARM

EUNICE, NM 88231

Enclosed are the results of analyses for samples received by the laboratory on 06/27/14 14:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-1

Sample Received By:

Celey D. Keene

Project Location:

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

Sample ID: CELL A-1 VADOSE ZONE - A (H401955-01)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2014	ND	1.74	86.9	2.00	9.88	
Toluene*	<0.050	0.050	06/30/2014	ND	1.81	90.5	2.00	11.3	
Ethylbenzene*	<0.050	0.050	06/30/2014	ND	1.59	79.4	2.00	11.2	
Total Xylenes*	<0.150	0.150	06/30/2014	ND	4.90	81.6	6.00	12.6	
Total BTEX	<0.300	0.300	06/30/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.6	% 89.4-12	6			1000			
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	06/30/2014	ND	400	100	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	06/27/2014	ND	170	85.2	200	1.27	
DRO >C10-C28	<10.0	10.0	06/27/2014	ND	185	92.5	200	2.82	
Surrogate: 1-Chlorooctane	103 9	% 65.2-14	0						
Surrogate: I-Chlorooctadecane	107 9	63.6-15	i 4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's evolusive 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 whistoners 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 subclaims, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, repartless of whether such claims is based upon any of the above stated resource or otherwise. Results relate identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keene



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

Fax To:

(575) 397-2267

Received:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number: Project Location: CELL A-1

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

Sample Received By:

Celey D. Keene

Sample ID: CELL A-1 VADOSE ZONE - B (H401955-02)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2014	ND	1.74	86.9	2.00	9.88	
Toluene*	<0.050	0.050	06/30/2014	ND	1.81	90.5	2.00	11.3	
Ethylbenzene*	<0.050	0.050	06/30/2014	ND	1.59	79.4	2.00	11.2	
Total Xylenes*	<0.150	0.150	06/30/2014	ND	4.90	81.6	6.00	12.6	
Total BTEX	<0.300	0.300	06/30/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.2	% 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	06/30/2014	ND	400	100	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	06/27/2014	ND	170	85.2	200	1.27	
DRO >C10-C28	<10.0	10.0	06/27/2014	ND	185	92.5	200	2,82	
Surrogate: 1-Chlorooctane	105	% 65.2-14	0			<u> </u>			
Surrogate: 1-Chlorooctadecane	109	% 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 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 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.

Celey D. Keine



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

Fax To: (575) 397-2267

Received:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-1

Sample Received By:

Celey D. Keene

Project Location:

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

Sample ID: CELL A-1 VADOSE ZONE - C (H401955-03)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2014	ND	1.74	86.9	2.00	9.88	
Toluene*	<0.050	0.050	06/30/2014	ND	1.81	90.5	2.00	11.3	
Ethylbenzene*	<0.050	0.050	06/30/2014	ND	1.59	79.4	2.00	11.2	
Total Xylenes*	<0.150	0.150	06/30/2014	ND	4.90	81.6	6.00	12.6	
Total BTEX	<0.300	0.300	06/30/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.8	% 89. <i>4-12</i>	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	06/30/2014	ND	400	100	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	06/27/2014	ND	170	85.2	200	1.27	
DRO >C10-C28	<10.0	10.0	06/27/2014	ND	185	92.5	200	2.82	
Surrogate: 1-Chlorooctane	99.6	% 65.2-14	0			100	114		
Surrogate: 1-Chlorooctadecane	111 9	63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



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

Fax To: (575) 397-2267

Received:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition: Sample Received By: Cool & Intact Celey D. Keene

Project Number: Project Location: CELL A-1

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

Sample ID: CELL A-1 VADOSE ZONE - D (H401955-04)

BTEX 8021B	mg/kg		Analyze	d By: CK					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2014	ND	1.74	86.9	2.00	9.88	
Toluene*	<0.050	0.050	06/30/2014	ND	1.81	90.5	2.00	11.3	
Ethylbenzene*	<0.050	0.050	06/30/2014	ND	1.59	79.4	2.00	11.2	
Total Xylenes*	<0.150	0.150	06/30/2014	ND	4.90	81.6	6.00	12.6	
Total BTEX	<0.300	0.300	06/30/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.5	% 89.4-12	6						
Chloride, SM4500CI-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	06/30/2014	ND	400	100	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	06/27/2014	ND	170	85.2	200	1.27	
DRO >C10-C28	<10.0	10.0	06/27/2014	ND	185	92.5	200	2.82	
Surrogate: 1-Chlorooctane	106 9	% 65.2-14	0			******			
Surrogate: 1-Chlorooctadecane	1149	63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability 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 whistoners shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days, after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal Laboratories.

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

PLESE NOTE: Liability 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 whatsoever shall be idented with under the damages, including within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal laboratories.

Celey D. Keine

Reinquished by: Date: Time: Reinquished by: (Circle One) Defivered By: (Circle One) Sampler - UPS - Bus - Other:		Cell A-1 Vadose Zone C	1_	353	ONLY	T20S R34E Sec 22M ~ Lea County - New T20S R34E S	(575) 393-2476 Company Name Lazy Ace Landfarm, LLC Project Manager: Danny Berry Address: (Street, City, Zip) Address: (Street, City	d - Hobbs, New Mexico Tel Fax	
Received By: (Laboratory Staff) Received By: (Laboratory Staff) Sample Condition Cool No No No No No No No No No	Time	G 1 × × 6/24	× 6/24	× 6/24	# (W S S A A S S A A S S A A S A A A S A	CONTAINERS ATER DIL R LUDGE ICL INO ₃ NaHSO ₄ H ₂ SO ₄ ICE (1-4oz jar) NONE	Lazy Ace Landfarm, LLC (Address: P. O. Box 160 Eunice. New Mexico 883 Phones* (575)369-5266 Fax #: (575)369-5266 Fax #: Romerico Parity Pa	31011039	La tories Inc.
\	Phone Results Yes No Additional Fax Number:	>>>	\\X\X	×	×	MTBE 8021B/602 BTEX 8021B TPH 8015M	Ba Cd Cr Pb Se Hg 6010B/200.7 Ba Cd Cr Pb Se Hg S 8/624 8270C/625 Bo8 Na, K) CO3, HCO3)	ANAL YSIS REQUEST 7 Circle OF Specify Method No.)	CHAIN-OF-COS - COT AND ANALTSIS REACES.



July 02, 2014

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

RE: LAZY ACE LANDFARM

EUNICE, NM 88231

Enclosed are the results of analyses for samples received by the laboratory on 06/27/14 14:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

CELL A-2

Sample Received By:

Celey D. Keene

Project Number: Project Location:

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

Sample ID: CELL A-2 VADOSE ZONE - A (H401956-01)

BTEX 8021B	mg/kg		Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2014	ND	1.74	86.9	2.00	9.88	
Toluene*	<0.050	0.050	06/30/2014	ND	1.81	90.5	2.00	11.3	
Ethylbenzene*	<0.050	0.050	06/30/2014	ND	1.59	79.4	2.00	11.2	
Total Xylenes*	<0.150	0.150	06/30/2014	ND	4.90	81.6	6.00	12.6	
Total BTEX	<0.300	0.300	06/30/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.2	% 89.4-12	6						
Chloride, SM4S00Cl-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	06/30/2014	ND	400	100	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	06/27/2014	ND	170	85.2	200	1.27	
DRO >C10-C28	<10.0	10.0	06/27/2014	ND	185	92.5	200	2.82	
Surrogate: 1-Chlorooctane	95.5	% 65.2-14	0						
Surrogate: I-Chlorooctadecane	104 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed 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

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:

BTEX 8021B

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-2

Sample Received By:

Celey D. Keene

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

Sample ID: CELL A-2 VADOSE ZONE - B (H401956-02)

DIEY OASTO	mg,	кg	Anatyze	а ву: Ск					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2014	ND	1.74	86.9	2.00	9.88	
Toluene*	<0.050	0.050	06/30/2014	ND	1.81	90.5	2.00	11.3	
Ethylbenzene*	<0.050	0.050	06/30/2014	ND	1.59	79.4	2.00	11.2	
Total Xylenes*	<0.150	0.150	06/30/2014	ND	4.90	81.6	6.00	12.6	
Total BTEX	<0.300	0.300	06/30/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.8	% 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	06/30/2014	ND	400	100	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	06/27/2014	ND	170	85.2	200	1.27	
DRO >C10-C28	<10.0	10.0	06/27/2014	ND	185	92.5	200	2.82	
Surrogate: I-Chlorooctane	105	% 65.2-14	0	· ·		emperatura de la compania de la compania de la compania de la compania de la compania de la compania de la comp			
Surrogate: 1-Chlorooctadecane	111 9	% 63.6-15	4						

Analyzed By: CK

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive esed in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and arry 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

Celey D. Keine



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

Fax To:

(575) 397-2267

Received:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-2

Sample Received By:

Celey D. Keene

Project Location:

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

Sample ID: CELL A-2 VADOSE ZONE - C (H401956-03)

BTEX 8021B	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2014	ND	1.74	86.9	2.00	9.88	
Toluene*	<0.050	0.050	06/30/2014	ND	1.81	90.5	2.00	11.3	
Ethylbenzene*	<0.050	0.050	06/30/2014	ND	1.59	79.4	2.00	11,2	
Total Xylenes*	<0.150	0.150	06/30/2014	ND	4.90	81.6	6.00	12.6	
Total BTEX	<0.300	0.300	06/30/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.7	% 89.4-12	16						
Chloride, SM4S00CI-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	07/01/2014	ND	400	100	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	06/27/2014	ND	170	85.2	200	1.27	
DRO >C10-C28	<10.0	10.0	06/27/2014	ND	185	92.5	200	2.82	
Surrogate: 1-Chlorooctane	104 9	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	111 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and dient's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by olient for analyses. All daims, 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 consequent including, without limitation, business interruptions, loss of use, or loss of use, or 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



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

Fax To:

(575) 397-2267

Received:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-2

Sample Received By:

Celey D. Keene

Project Location:

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

Sample ID: CELL A-2 VADOSE ZONE - D (H401956-04)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2014	ND	1.74	86.9	2.00	9.88	
Toluene*	<0.050	0.050	06/30/2014	ND	1.81	90.5	2.00	11.3	
Ethylbenzene*	<0.050	0.050	06/30/2014	ND	1.59	79.4	2.00	11.2	
Total Xylenes*	<0.150	0.150	06/30/2014	ND	4.90	81.6	6.00	12.6	
Total BTEX	<0.300	0.300	06/30/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.19	% 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	07/01/2014	ND	400	100	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	06/27/2014	ND	170	85.2	200	1.27	
DRO >C10-C28	<10.0	10.0	06/27/2014	ND	185	92.5	200	2.82	
Surrogate: 1-Chlorooctane	107 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	113%	6 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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

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

PLEASE MOTTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 subclidaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated resons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal Laboratories.

Celey D. Keene

Ì	Delivered By: Sampler	Rélingdished,by	Sozanne John	Relinquisbed by:				T		<u>ا</u> ر	د	,	1401956	LABUSE \		T20S R34E		Project #:	(575)369-5266	P. O. Box 160 Eu	Address: (S	Danny Berry	Project Manager	Company Name:	86240 (575) 393-2326 (575) 383-2476	101 East Marland - Hobbs, New
	(Circle One) UPS - Bus - Other:	Date: Time:	15	Date: Time:				Cell A-2 vadose zone-0	Call J. C. Address Co.	Cell A 2 Vadore Zone C	Cell A-2 Vadose Zone-B	Cell A-2 Vadose Zone-A		FIELD CODE		Sec 22M ~ Lea County -New Mexico	Lazy Ace Landfarm	Project Name	66	P. O. Box 160 Eunice, New Mexico 88231	(Street, City, Zip)		Indiami, LEC		Fax	Mexico
15#	Sample Condition Intact	Received By ALaboratory Stamp		Received by:				1	-	-	•	G 1 X	# CC WAT SOIL		1	A.			,	(575)369-5266	Phone#:	P. O. Box 160 Eunice, New Mexico 88231	Address:	BILL TO Company	Cardinal Laboratories,	
	CHECKED BY: (Initials)	(6/27/H		Date: Time:				1			X 6/24	X 6/24	NO	SO ₄ O ₄ (1-4oz jar)	METHOD SAM	. I	v ·)	(575)397-2267	Fax#		(Street, City, Zip)	m C PO#	ories, inc.	
	, and the second	3	REMARKS:	Phone R					9:50 ×	9:20 ×	8:55 X	8:30 ×	MTB BTE	E 8021B/602 C 8021B	PLING	Com	-0316			226/			<u> </u> -			
		Email Results to:	Yes	ä	E				×	×	×	×	PAH Tota TCL TCL	8270C Metals Ag A Metals Ag A Volatiles Semi Volati	As Ba C				60101	B/200).7		- Circ	AN	LAB Order ID#	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
				\pm	t		_					T	+	P Pesticides	1103								- or or	ANALYSIS	; ; ;	STO
		rozanne@valornet.com	No Additi										GC/	A Metals MS Vol. 8260 MS Semi. Vol. 's 8082/608		C/625							Circle or Specify Method No.	SIS REQUEST		A GNA AG
		ornet.com	Additional Fax Number										Pes	icides 8081A), TSS, pH sture Conter									- <u>7</u>	ST		NALYSIS F
			ber										Anic	ons (Ca, Mg ons (Cl, SO4 al Dissolved	, CO3,		3)						- - -			REQUEST
									×	×	×	×	Chi	orides									_			

Page 1



July 02, 2014

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 06/27/14 14:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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:

06/27/2014

07/02/2014

Sampling Date:

06/24/2014

Reported:

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-3

Sample Received By:

Celey D. Keene

Project Location:

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

Sample ID: CELL A-3 VADOSE ZONE - A (H401957-01)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	06/30/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	06/30/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	06/30/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	06/30/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.8	% 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	07/01/2014	ND	400	100	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	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	106 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	112%	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such dalim 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



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

Fax To:

(575) 397-2267

Received:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-3

Sample Received By:

Celey D. Keene

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

Sample ID: CELL A-3 VADOSE ZONE - B (H401957-02)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.6	% 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	07/01/2014	ND	400	100	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	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: I-Chlorooctane	108 9	65.2-14	0						
Surrogate: I-Chlorooctadecane	1149	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence an any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after compeletion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of u

Celey & Keene



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

Fax To: (575) 397-2267

Received:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-3

Sample Received By:

Celey D. Keene

Project Number: Project Location:

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

Sample ID: CELL A-3 VADOSE ZONE - C (H401957-03)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.2	% 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	07/01/2014	ND	400	100	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	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	108 9	65.2-14	0		STATE OF THE STATE				
Surrogate: 1-Chlorooctadecane	1129	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 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 subclidaries, 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 & Keine



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

Fax To:

(575) 397-2267

Received:

BTEX 8021B

06/27/2014

Analyzed By: CK

Reported:

07/02/2014

Sampling Date:

06/24/2014

LAZY ACE LANDFARM

Sampling Type: Sampling Condition: Soil

Project Name:

Sample Received By:

Cool & Intact Celey D. Keene

Project Number: Project Location: CELL A-3

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

Sample ID: CELL A-3 VADOSE ZONE - D (H401957-04)

BIEX 8021B	mg,	kg	Anaiyze	a by: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.2	% 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	07/01/2014	ND	400	100	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	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	110	% 65.2-14	0					10 miles - 10 miles - 10 miles	
Surrogate: 1-Chlorooctadecane	114	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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 dam 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

Celey D. Keene



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 SM4500CI-B does not require samples be received at or below 6°C

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Usblitty and Damages. Cardinal's liability and dient's exclusive remedy for any dairn anising, 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 whistoners shall be deemed waived unless made in writing and received by Cardinal within 18thin 19th; (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 los

Celey D. Keine

Sampler) - U		Delivered By: (C	An deutsuchuses	Rozarvie Johnson	Reimaushed by:			2							,	LAB USE ONLY		T20S R34E		Project #	(575)369-5266	P. O. Box 160 Eu	Address: (Danny Berry	Project Manager:	company varies	(575) 383-2476	101 Cast menana - riccos, New Mexico 88240 Tel (575) 393-2326 Fav	104 East Madand L
UPS - Bus - Other:			Date: Time:	776	Date: Time:		<i>t</i>				Cell W-2 Agglose Cone-D	Cell A-3 Vadose Zone-C	Carlo de de de de de de de de de de de de de	Cell A.3 Vadore Zone B	Cell A-3 Vadose Zone-A	FIELD CODE		Sec 22M ~ Lea County -New Mexico	Lazy Ace Landfarm	Project Name:	666	P. O. Box 160 Eunice, New Mexico 88231	(Street, City, Zip)			andfarm IIC	Ş		ALL BILL HE
2.6 Ces	Sample Condition		Received		Received by:					1	6	ြ	G	, ,	<u>.</u>	(G)rab or (C)omp		exico			Fax #								
to de	Condi	E	od B		èd by	Γ					Ţ-	-	-	. .	•	# CONTAINERS		C				(57	7	ō O	Ę	8			
Ţ	8 2	1	√Ĵ		.3						1		I	1		WATER	A	M				(575)369-5266		P. O. Box 160 Eunice, New Mexico 88231	Address:	BILL TO Company	\$	Lahoratories	I
No Yes		6	boor	-		L	\sqcup			_	×	×	ŀ	<u>\</u>	≤	SOIL	Ę					39-5	Phone#	160 E	Address	Com		7	
H	Intact	1	(Laboratory Staff)			 	\vdash		_	+	╀	+	+	+	4	AIR SLUDGE <	May (ES)	ampler Signa		V		266	•	Unio G	s and	pany	}	7	
		C	Staff			H	\dagger	\dashv	+	+	+	+	╁	+	┨	SLUDGE C	1			1				Z Q	rarn		3	٥	ı
		,	(ت (I	İ			1	1	HCL		7 8	1				ı	Mex],	-			
9	Ç	E-	. 0		_D		\sqcup	_	_		1	L	I	Ţ	_	HNO ₃	PRESERVATIVE METHOD			1			١	8	[5)		3.	
(Initials)	CHECKED	12-	Date:		Date	_	\vdash	\dashv	\dashv	+	╀╴	+	╀	+		NaHSO₄ H₂SO₄	SERVAT METHOD		`	1			ı	231	Stre		2	2	ı
C	\ B)	1	• _					\dashv	\dashv	+	×	×	×	1,	-	ICE (1-4oz jar)	S A	e@					77		Street, City, Zip)	ק	9 1		ı
0	•		ime		Time					I					-	NONE	Æ	on (5				575)	Fax#	ì	× Z	PQ#		5	
2		2:1						_		\perp	6/24	6/24	824	6/24		DATE (2014)	SAMPL	Rozanne Johnson (575)831-9310 rozanne@valornet.com				(575)397-22					•	•	
		w									13.2	11:15	10:4	10:2		TIME	LING	9310 Om				267	۱						l
			RE	Fax	Phone									Ť		MTBE 8021B/602	U, 1	i										T	┨
		m	REMARKS:	Fax Results	ne R			\downarrow		$oldsymbol{\perp}$	×	×	×	×		BTEX 8021B													
		Email Results to:	è	St	Results		_	\dashv	_	4	×	×	×	×		TPH 8015M												Ω	
		Reg			S	\dashv		\dashv	+	╁	╁	╁	╁╌	╁		PAH 8270C Total Metals Ag As E	3a Cd C	Cr Pb S	e Ho	601	INB/2	00.7						Ĭ	ı
		톲		_				\Box		1						TCLP Metals Ag As										ļ	Æ	16	ı
		ë	ı	Yes	Yes	\dashv	-	+		+-	\vdash	├-	┞	+-	_	TCLP Volatiles TCLP Semi Volatiles									(C)	2	o a	7	
		0	ı		П		1	\top	十	T	T	T	-	t		TCLP Pesticides	· · · · · · · · · · · · · · · · · · ·								Circle or Speci	፤	LAB Order ID#	S	l
		and	ſ	Š o	ŏ					T				T	+	RCRA Metals						******			8 <u>c</u>	2	**	ᅙ	l
		ne (i)													ď	GC/MS Vol. 8260B/6	624								<u>ğ</u> (₹	
		νal		Addi		\dashv	4	_	\bot						I	GC/MS Semi. Vol. 8	270C/6	25							Circle or Specify Method	5		ź	
		orne		liona		\dashv	_	\dashv	_	 	_			\perp	+	PCB's 8082/608									y Method No.			ĕ	
		rozanne@valornet.com	İ	Fa	ŀ	+	+	+	+	╀	-	 -	<u> </u>	\vdash	+-	Pesticides 8081A/60	8								<u></u>	i		Ä	
		lä I		Ž	ŀ	\dashv	+	+	+	+-	 	\vdash	_	\vdash	+	BOD, TSS, pH Moisture Content										ı		YS	
				Additional Fax Number	t	士	士	士	丁	T				\vdash	Ť		~~~~~							_				CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	٠
				7		\bot		1								Cations (Ca, Mg, Na												EC.	
					-	\dashv	_	4	+	_				<u> </u>	-	nions (CI, SO4, CC		(03)										Ĭ.	
					ŀ	+	+	+	+	+	_	\vdash		-	+	otal Dissolved Soli	ids										ĺ	ST	ľ
					ŀ	\dashv	+	+	+	-	×	×	×	×	╀	chlorides													ŀ
			•	- 1		- 1	1	- 1	- 1					1	IT	urn Around Time ~	24 11-								_		_	of 7	-

12# 12#



July 02, 2014

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 06/27/14 14:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Celey D. Keene

rioject Namber.

CELL A-4

Project Location:

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

Sample ID: CELL A-4 VADOSE ZONE - A (H401958-01)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.1	% 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	07/01/2014	ND	400	100	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	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	108 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	110 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remety for any datin 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 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 dains 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



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

Fax To:

(575) 397-2267

Received:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Celey D. Keene

Project Location:

CELL A-4

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

Sample ID: CELL A-4 VADOSE ZONE - B (H401958-02)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.2	% 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	07/01/2014	ND	400	100	400	0.00	
TPH B015M	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	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	110	% 65.2-14	0		** - 40 · · · · · · · · · · · · · · · · · ·				A MARIE CONTRACT IN A CONTRACT OF A MARKET TALK THAT ARE A CONTRACT.
Surrogate: 1-Chlorooctadecane	112	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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

Celey & Keine



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

Fax To: (575) 397-2267

Received:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Sample Received By:

Celey D. Keene

Project Number: Project Location: CELL A-4

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

Sample ID: CELL A-4 VADOSE ZONE - C (H401958-03)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.3	% 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	07/01/2014	ND	400	100	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	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	106	% 65.2-14	0				and the second s		

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability 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 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.

Celey D. Keine



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

Fax To:

(575) 397-2267

Received:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Sample Received By:

Celey D. Keene

Project Number: Project Location: CELL A-4

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

Sample ID: CELL A-4 VADOSE ZONE - C (H401958-04)

8TEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.8	% 89.4-12	26						
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	07/01/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	109	% 65.2-14	10			100		4.54.	
Surrogate: 1-Chlorooctadecane	111 9	% 63.6-15	i4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any dail 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 thinty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequences including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its autosidaries, affiliates or successors arising out of or related to the perform 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 L. 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

PLEASE NOTE: Usblifty and Damages. Cardinal's flability and client's endusive 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 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 Bable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subclidaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. It is to reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Sampler - L	Réligiquisbadoy:					2	L	7		4	LAB USE ONLY		Project Location: T20S R34E S		(575)369-5266	Phone #:	P. O. Box 160 Euni	Address (Str	Project Manager: Danny Berry	Lazy Ace Landfarm,	Company Name:	86240 (575) 393-2326	101 East Marland - Hobbs, New Mexico
(Circle One) UPS - Bus - Other:	, ñ	Date: 111111111111111111111111111111111111	Date: Time			Cell A-4 Vadose Zone-D	Cell A-4 Vadose Zone-C	Cell A-4 Vadose Cone-o	Company	Cell A.4 Vadose Zone-A	FIELD CODE		Sec 22M ~ Lea County -New Mexico	Lazy Ace Landfarm	Project Name		P. O. Box 180 Eunice, New Mexico 88231	(Street, City, Zip)		dfarm, LLC	i d	Cardinal Cardinal	,
Sample Condition (Coo) Imaci	Received By (Vaboratory Staff)	<i>A</i>	Received by:				<u> </u>	<u>.</u>	-	G 1 ×	(G)rab or (C)omp # CONTAINERS WATER SOIL AIR SLUDGE		Sent Marie	Sample Sings		Fax #	(575)369-5266	Phone#:	P. O. Box 160 Eunice. New Mexico 88231	Lazy Ace Landfarm,	BILL TO Company	ial Laboratories,	
(Initials)	6		Date: Time:						X 6/24	X 6/24	HCL HNO ₃ NaHSO ₄ H ₂ SO ₄ ICE (1-4oz jar) NONE DATE (2014)	METHOD SA	! \	hue Rozanne Johnson (575)631-931			(5/5)39/-220	_	w Mexico 88231	n, LLC (Street City, Zip)	PO#	ories, inc.	
ish	REMARKS:	Fax Results	Phone				13:50	4 13:15 X	4 12:40 X	4 12:10 X	1	1 0	com	1-9310	<u> </u>		7201	2267		1			
	Email Results to:		Phone Results Yes				×	×	×	×	TPH 8015M PAH 8270C Total Metals Ag A TCLP Metals Ag A TCLP Volatiles	s Ba C As Ba (d Cr P	b Se Pb Se	Hg 6 Hg	0106	3/20	0.7		. (Circ	Ą	LAB Order ID#	CHAIN-UF-C
		Yes No Ac	es No								TCLP Semi Volati TCLP Pesticides RCRA Metals GC/MS Vol. 8260 GC/MS Semi. Vol.	0B/624	C/625							(Circle or Specify Method No.)	ANALYSIS REQUEST	er iD #	CHAIN-OF-CUSTOUT AND ANALTSIS REGOES [
	rozanne@valornet.com	Additional Fax Number									PCB's 8082/608 Pesticides 8081A BOD, TSS, pH Moisture Conter									- 00 No.) 	JEST		ANAL I OIO IX
		ber		#	<u> </u> 		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	 x	×	 ×	Cations (Ca, Mg Anions (Cl, SO4 Total Dissolved S Chlorides	, CO3)3)						- -			EMOLOI



July 02, 2014

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 06/27/14 14:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-5

Sample Received By:

Celey D. Keene

Project Location:

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

Sample ID: CELL A-5 VADOSE - A (H401959-01)

BTEX 8021B	mg/	kg	Analyze	d By: CK				,	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.8 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	07/01/2014	ND	400	100	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	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	110%	65.2-14	0	· · · · · · · · · · · · · · · · · · ·		omenne han ken men et Velet delektriselisk det kryttet even til Sterne semmen en			
Surrogate: 1-Chlorooctadecane	113 %	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keine



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

Fax To: (575) 397-2267

Received:

06/27/2014

07/02/2014

Sampling Date:

06/24/2014

Reported:

Sampling Type:

Project Name:

LAZY ACE LANDFARM

Sampling Condition: Sample Received By: Cool & Intact Celey D. Keene

Project Number:

CELL A-5

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

Sample ID: CELL A-5 VADOSE - B (H401959-02)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.9	% 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	07/01/2014	ND	400	100	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	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	107 9	% 65.2-14	0	48.14 B.47 - 18.01 I	1,000			1,45	
Surrogate: 1-Chlorooctadecane	112 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thinty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or corresponding 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.

Celey D. Keine



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

Fax To:

(575) 397-2267

Received:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-5

Sample Received By:

Celey D. Keene

Project Location:

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

Sample ID: CELL A-5 VADOSE - C (H401959-03)

BTEX 8021B	mg/	kg	Analyze	d By: CK			····		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.4	% 89.4-12	6	. //		the life is			
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	07/01/2014	ND	400	100	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	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	108 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	112 %	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclu any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thing (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

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 7



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

Fax To:

(575) 397-2267

Received:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Sample Received By:

Celey D. Keene

Project Number: Project Location: CELL A-5

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

Sample ID: CELL A-5 VADOSE - D (H401959-04)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.4 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	07/01/2014	ND	400	100	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	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	107 %	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane									

Cardinal Laboratories

*=Accredited Analyte

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 dalm 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

C Cardinal Laboratories, Inc. AMALYSIS REQUEST Lea County - New Mexico BLI To Company Cary Ace Landfarm. LLC Street Csy. Zo) P 0 Sent 165 Landfarm. LLC Street Csy. Zo) P 1		Delivered By: (Circle One) Sampler) - (IPS - Bus - Other)	Reinquished by: Date: Time	1/21/2						Cell A-5 vadose-u	Cell A-5 vadose-C	Call Ve Angelog	Call A & Vadora B	/ Ceil A-5 Vadose-A	LAB # FIELD CODE		Tiget Location: T20S R34E Sec 22M ~ Lea County -New Mexico		(5/5)369-5266 Project Name	Phone #:	P. O. Box 160 Eunice, New Mexico 88231	Address: (Street, City, Zip)	Danny Berry	Lazy Ace Landfarm, LLC	(575) 393-2476	101 East Mainerra - Founds From Tel (575) 393-2326 Fax	The state of the s
Company Compan			Receiv	<i>C1</i>							9	G	G	G	(G)rab or (C)omp	1	inty -New Mexico	Landfarm		+8x	_		P	5	Bu		
NONE SAMPLING NONE SAMPLING STED BY Time: Phone X X X X X EEU BY Phone X X X X X STEX 8021B	hs#	T Con State of the state of the	_ · · · · ·		ed by:					1	\downarrow	1			WATER (SOIL AIR SLUDGE	No.	1 Dill	Sabioler Sonature		, ,	575)369-5266	Phone#:	O. Box 160 Eunice, New Mex	azy Ace Landfarm, Ll	L TO Company:	aborator	
MTBE 8021B/602		(Initials)	· =:												HNO ₃ NaHSO ₄ H ₂ SO ₄ ICE (1-4oz jar) NONE	METHOD	rozanne@valorne	Bezanne Johnson (575)6:			(0/0)00/	Fax#:	ico 88231	_	PO#	ries, inc.	•
No No No No No No No No		R.	3	Fa	P		+		-	1			24 14:45	24 14:20	TIME	MPLING	com	31-9310			,022	2267					
TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270C/625 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids			EMARKS:	x Results	one Results						-	+	+	+	PAH 8270C	le Ba (ed Cr P	oh Se	Ha	6010	B/20	00.7		• •		-	
TCLP Pesticides Security Method No. TCLP Pesticides Security Method No. RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270C/625 GC/MS Semi. Vol. 8270C/625 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids Total Dissolve			esults to:	Yes	Yes			+	+				-	+	TCLP Metals Ag	As Ba								(Circle	ANA	AB Order II	
GC/MS Semi. Vol. 8270C/625 Following Pax PCB's 8082/608 Pesticides 8081A/808 Pesticides 8081A/808 Poblished Pax Moisture Content Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids Total Dissolved Soli			rozanne	No	No			1							RCRA Metals GC/MS Vol. 826	0B/624								yr Specify M	YSIS RE	*	
BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids			@valorne	Additional									-		PCB's 8082/608	1	0C/62	5						ethod No.)	QUEST		
Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, HCO3) Total Dissolved Solids			com	Fax Numb		F									Moisture Conte												
				"		E							1	1	Anions (CI, SO	4, CO3	, HCC	03)						- -			

rage 1 UI



July 02, 2014

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 06/27/14 14:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.

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:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-6

Sample Received By:

Celey D. Keene

Project Location:

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

Sample ID: CELL A-6 VADOSE - B (H401960-02)

BTEX 8021B	mg/	kg	Anaiyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.9	% 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	07/01/2014	ND	400	100	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	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	110%	6 65.2-14	0						
Surrogate: 1-Chlorooctadecane	115%	6 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and disents exclusive remedy for any datin 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 Bable for incidental or consequential damages, children's without limitation, business interruptions, loss of use, or loss of

Celey D. Keene



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

Fax To:

(575) 397-2267

Received:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-6

Sample Received By:

Celey D. Keene

Project Location:

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

Sample ID: CELL A-6 VADOSE - C (H401960-03)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.8	% 89.4-12	6				- 4		
Chloride, SM4500Cl-B	mg/	kg	Anatyze	d By: AP		_			·
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/01/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Anałyze	d By: MS			<u>.</u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	110 9	65.2-14	10						A A S OF THE PARTY AND ADDRESS
Surrogate: 1-Chlorooctadecane	115 %	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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

BTEX 8021B

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

ma/ka

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-6

Sample Received By:

Celey D. Keene

Project Location:

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

Sample ID: CELL A-6 VADOSE - D (H401960-04)

D1EX 8021D	mg/	ky	Analyze	u by. CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.3	% 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	07/01/2014	ND	400	100	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	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	111 :	% 65.2-14	10	A COLUMN					
Surrogate: 1-Chlorooctadecane	115	% 63.6-15	14						

Analyzed By: CK

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Demages. Cardinal's liability and disents 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 completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, wethout limitation, business interruptions, loss of use, or loss of profits incurred by client, its subclidates, affiliations 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



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: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of 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

	sampler) U	Delivered By: (Relinquished by	Roading form	Belinnidada ku		2							LABUSE LABUSE	T20S R34E	Project Location	(575)369-5266 Project #	P. O. Box 160 E	Address	14	Lazy Ace L	(575) 393-2476 Company Name:	88240 (575) 393-2326	
	s - Other:	(Circle One)	Date: Time:							Cell A-6 Vadose-D	Cell A-6 Vadose-C	Cell A-6 Vadose-B	Cell A-6 Vadose-A	FIELD CODE	Sec 22M ~ Lea County -New Mexico	Lazy Ace Landfarm	266 Protect Name	P. O. Box 160 Eunice, New Mexico 88231 tone ≢:	(Street, City, Zip)	y	Lazy Ace Landfarm, LLC		Cardinal	
	3.6	Sample	Reca	Received by:				T		ြ	ြ	G	ြ	(G)rab or (C)omp	8			Fax					1 2	
	1- <i>x</i>)	Cond	Š.	Ved 2	H	+	+	\dagger	T	_	_	-	1	# CONTAINERS				_	+	ō	r 9			
	বি ৢ ১	312	2	×	\vdash	+	+	+-	\vdash	$\overline{+}$	_	_	L				l	575)369-5266		0 B	Lazy Ace Landfarm, LLC			l
#	₹ ₹	E		•	H	\top	+	+	H	×	×	×	×	WATER SOIL	1 9			369	P	ox an >	§ 5		5	ı
\mathcal{N}	1	3	(Laboratory Staff)		H	\top	+	+	H					AIR SLUDGE	Sampler Signature			52	Phones	Address: (Str. O. Box 160 Eunice, New Mexico 88231) La		5	ı
7	7,"		Š											SLUDGE	X Sig			8	1	ğ	ndf		7	l
			a B				\perp								Prehi		1		ŀ	₹ ¥	arm		#	l
					\vdash	\bot	+	_		_	_			HCL		1				Mexi	, LL	1 5	2	ı
	a	36	Date	Ö	$\vdash \vdash$	+	+	╀	\vdash	\dashv	\dashv	\dashv		HNO ₃ NaHSO ₄ H ₂ SO ₄ ICE (1-4oz jar)	i	V)	<i>\</i>			8	ဂ		₹.	ı
	(Initials)	27	ē	Date	\vdash	+	+	+-	\vdash	\dashv	+	\dashv	-	NaHSO ₄ H ₂ SO ₄ OD	ann					(Stre		1 8	P	ı
	5				H	+	+	+-	\vdash	×	×	×	×	H₂SO₄ ICE (1-4oz jar)	e(a)				\Box	ě, C	_	3		l
	\bigcirc		30	Time		\top	+						$\stackrel{\sim}{ o}$	NONE III	son (575	Fex	(Street, City, Zip) 231	Ç			
	R	5								6/24	8/24	834	~ 1	NaHSO ₄ H ₂ SO ₄ ICE (1-4oz jar) NONE DATE (2014) TIME	Rozarfie Johnson (575)831-9310 rozanne@valornet.com			(575)397-2267	1	Þ		3	Laboratories, Inc.	
		13								17:3	17.06	16.4	6:1	TIME	9310 Com			2267						
		í	Fa)	P		1			- 1	7	+	7		MTBE 8021B/602								<u> </u>	т-	l
		-	Fax Results) ae					7	<	,	,	+	BTEX 8021B										
- 1		Em	Fax Results	Phone Results					,	۲,	۲,	₹ ;	×	TPH 8015M	***************************************									
		<u>z</u> .		हे	_				\Box	I	I	I		PAH 8270C									15	
1		es c	\vdash	╁┤	+	+	+-	\vdash	+	+	+	+	4	Total Metals Ag As Ba Cd C	r Pb S	e Hg 6	010B/	200.7				_	Įź	
		Email Results to:	∀es	Yes	士	士			+	+	+	+		CLP Metals Ag As Ba Cd	Cr Pb S	Se Hg				ê		AB C	유	
			Ľ			_			\perp	I	I	1		CLP Semi Volatiles						— È	Ź	rder	5	
		rozanne@valornet.com	Ž	3	-	+-	-	-	+	\bot	+	+	-+	CLP Pesticides						Circle or Specify Method No.	ANALYSIS	LAB Order ID#	CHAIN-OF-CUSTODY	
		nne	ō	ō	+	+	\vdash	-	+	+	+	+	-	RCRA Metals							SIS	1	8	
ı		9	≥		+	+	\vdash	\dashv	+	+	+	+		GC/MS Vol. 8260B/624						₹ ≥	R			
		alo	ğ		+	+-	\vdash	\dashv	+	+	+	+	_	GC/MS Semi. Vol. 8270C/6	25					_ <u>ĕ</u>	ĕ		AND	
		3	Additional Fax Number	 	+	+		\dashv	+	+	+	+	-	CB's 8082/608						- Z	QUEST			
		co	Fax	h	+	+-	\vdash	+	+	+	+	+		OD, TSS, pH						_ 0	۲		Į₽	
		B	S		士			_	+	+	+	+		foisture Content			·						ANALYSIS	7
			ğ					工		I		I	I				***************************************			-				Page_
					4	-		\perp	\perp	\perp	T	I		ations (Ca, Mg, Na, K)	************								REQUEST	_
				-	+	+-	\vdash	+	+	+	+	+		nions (CI, SO4, CO3, HC	O3)					_			Ĩ	
				 -	+	+	\vdash	+	+	+	+	+		otal Dissolved Solids						_			ST	으
				-	4	1	\vdash	-	_ <u> </u> ×	×	×	ļ×	+	hlorides										-
- 1					i	, ,								um Around Time ~ 24 Ho									•	



July 02, 2014

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 06/27/14 14:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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: Reported: 06/27/2014

07/02/2014

LAZY ACE LANDFARM

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

Project Name: Project Number: Project Location:

CELL A-7

Sampling Date:

06/24/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Celey D. Keene

Sample ID: CELL A-7 VADOSE - A (H401961-01)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.9 9	% 89.4-12	6						THE RESIDENCE OF THE PROPERTY OF THE PARTY O
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/02/2014	ND	400	100	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	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	113 %	65.2-14	0		THE PARTY OF THE P		,, , , , , , , , , , , , , , , , , , , ,		
Surrogate: 1-Chlorooctadecane	119%	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients'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 whotsoever 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 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. Keene



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

Fax To:

(575) 397-2267

Received:

06/27/2014

07/02/2014

Sampling Date:

06/24/2014

Reported:

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-7

Sample Received By:

Celey D. Keene

Project Location:

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

Sample ID: CELL A-7 VADOSE - B (H401961-02)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	100 9	% 89.4-12	6						
Chloride, SM4500CI-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	07/02/2014	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS			 			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	113 9	% 65.2-14	0				eryeni er klemi. Serre kinnemen klemik ennikminne i Service ink sek	CONTRACTOR OF THE STATE OF THE	
Surrogate: 1-Chlorooctadecane	120 9	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTE: Liability and Damages. Cardinal's liability 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 liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of use, or loss of use, or loss of profits incurred by dient, 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

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 7



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

(575) 397-2267 Fax To:

Received:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-7

Sample Received By:

Celey D. Keene

Project Location:

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

Sample ID: CELL A-7 VADOSE - C (H401961-03)

BTEX 8021B	mg/kg		Analyzed By: CK					<u> </u>	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	100 9	% 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	Qualifie
Chloride	<16.0	16.0	07/02/2014	ND	416	104	400	0.00	
TPH 801SM	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94,1	200	0.970	
Surrogate: I-Chlorooctane	1169	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	123 9	% 63.6-15	4						

Surrogate: 1-Chlorooctadecane 63.6-I54

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keine



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

Fax To: (575) 397-2267

Received:

06/27/2014

Sampling Date:

06/24/2014

Reported:

07/02/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-7

Sample Received By:

Celey D. Keene

Project Location:

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

Sample ID: CELL A-7 VADOSE - D (H401961-04)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	1.80	89.9	2.00	13.6	
Toluene*	<0.050	0.050	07/01/2014	ND	1.88	94.2	2.00	13.6	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.67	83.7	2.00	13.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.17	86.2	6.00	13.3	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	100 %	6 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	07/02/2014	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/30/2014	ND	182	90.8	200	5.60	
DRO >C10-C28	<10.0	10.0	06/30/2014	ND	188	94.1	200	0.970	
Surrogate: 1-Chlorooctane	113 %	65.2-14	0	COMPANY AND ANY TO PROVIDE A COMPANY AND ANY ANY ANY ANY ANY ANY ANY ANY ANY ANY					7 A 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Surrogate: 1-Chlorooctadecane	118%	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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 watered 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 subclidaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above-stated 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

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

	_	Delivered By:	Refinquished by	Rocaphe Johnson	Relinquished by:		7				د	r.	2	-	LAB #	T20S R34E	riojeci.	(575)369-5266	P. O. Box 160 Eu	Address: (S	Danny Berry	Lazy Ace La	Company Name:	(575) 393-2326 (575) 393-2476	101 East Martend - Hobbs, New Mexico
	UPS - Bus - Other	(Circle One)	Dale: Time:	アスト アストラ	Date: Time:		,				Cell A-7 Variose-D	Cell A-7 Vadose-C	Cell A-7 Vadose-B	Cell A-7 Vadose-A	FIELD CODE	Sec 22M ~ Lea County -New Mexico	Lazy Ace Landfarm		P. O. Box 160 Eunice, New Mexico 88231	(Street, City, Zip)		Lazy Ace Landfarm, LLC			1
	2.6	Samp	Receiv		Rece					,	6	ဝ	ဝ	G	(G)rab or (C)omp	8			Fax **				١	121	
	2.6 Yes	Sample Condition	Page 1		Received by:						-	_	-	_	# CONTAINERS				(575)369-5266		P. O. E	Lazy Ace Landfarm, LLC	BILL TO		4
	निह	₹	7			\dashv	\dashv	T	H	\dashv	\dashv				WATER I)36		O. Box 160 Eunice, New Mexico 88231	B	9	Laboratories,)
-	Z ₹ ×		aboratory Staff)							:	×	×	×	×	SOIL	1			9-5	Phone#	60 E	e Land	Company)
hs#	JĮ∄	1	aton												AIR SLUDGE	mpler signature			66	4	nice.	8 3	pany		!
2	7,"	<u>_</u> k	Sta				\perp								SLUDGE	1		1			Nev	arm		3	
			3					┼		-	_				uc.) ×	1	1	1		Mex	ľ		C	
		0	_			\vdash	+	╁╴	\vdash	+	\dashv	_			HCL HNO ₃		1. 1	1	1		8	ြင			
	<u> </u>	CHECKEL	Date		Date			+	\vdash	+	\dashv			\vdash	HNO ₃ NaHSO ₄ H ₂ SO ₄ ICE (2-4oz jar))Zar	1		1		3231	က္က	- 1	Ç	
	(Initials)	CHECKED BY	- "		**	H	1	T	\Box				_		NaHSO ₄ H ₂ SO ₄	Tine 6	1		1			(Street, City, Zip)	- 1	3	•
		B			귶						×	×	×	×	ICE (2-4oz jar)	(Q) V			ହ	Fax#		<u>C</u>	Q Q		.
	C	9	ر Time:		Time:										NONE	ajor Vo			5)3	.77		<u>Ş</u>		Inc	3
	2	5	`, 2								6/24	6/24 1	6/24 1	6/24 1	DATE (2014)	rozanne Jonnson (5/5)os1-93			(575)397-2267					•	
											19:35	19:00	18:35	18:05	TIME S	m a	1	1	67						
			RE	Fax	Phone										MTBE 8021B/602										
			REMARKS:	Fax Results	Je F						×	×	×	×	BTEX 8021B/602										
		Ĕ	XS:	its.	Results			1_			×	×	×	×	TPH 8015M GRO/DRO										유
		<u>=</u> ₽			ts	\vdash	\dashv	+-	\vdash				_	_	TPH 418.1/TX1005 Total Metals Ag As Ba Co	1 Cr Ph	Se Ho	6010	B/200	7					₹
,	1	ĕ			Н	H	+	+	\vdash	\vdash	-	-	\vdash	┝					<u> </u>	.,		-		EAB	9
	1	듶								,					TCLP Metals Ag As Ba C	d Cr Pt						Ĉ	<u></u> ≱	Ord	F.
		uits to		Yes	Ύes										TCLP Volatiles	d Cr Pt						~		<u> </u>	
		Email Results to:		Yes	Yes										TCLP Volatiles TCLP Semi Volatiles	d Cr Pt						cle o	₽	ō	S
															TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides	d Cr Pt						rcle or Spe	ALYSI	LAB Order ID#	STOL
				Yes No	Yes No										TCLP Volatiles TCLP Semi Volatiles	d Cr Pt						rcle or Specify	ANALYSIS R	ID #	CHAIN-OF-CUSTODY /
				No											TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals							rcle or Specify Met		ID#	STODY AND
)	No											TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624									ID#	AND D
)	No											TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 82700							rcle or Specify Method No.)	ALYSIS REQUEST	ID#	AND D
				No											TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 82700 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH							rcle or Specify Method No.)		ID#	AND D
		ults to: rozanne@valornet.com		No											TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 82700 PCB's 8082/608 Pesticides 8081A/608							rcle or Specify Method No.)		ID#	AND ANALYSIS
)												TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 82700 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content	C/625						rcle or Specify Method No.)		ID#	AND ANALYSIS
				No											TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 82700 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na, K	C/625						rcle or Specify Method No.)		ID#	AND ANALYSIS
)	No											TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 82700 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content	C/625						rcle or Specify Method No.)		ID*	AND ANALYSIS
)	No							×	×	×	×	TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 82700 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na, K Anions (Cl, SO4, CO3,	C/625						rcle or Specify Method No.)		ID#	AND D

Taye - o



July 03, 2014

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 06/27/14 14:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.

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:

06/27/2014

Sampling Date:

06/25/2014

Reported:

07/03/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL X-1

Sample Received By:

Celey D. Keene

Project Location:

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

Sample ID: CELL X-1 VADOSE ZONE - A (H401962-01)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	2.04	102	2.00	23.0	
Toluene*	<0.050	0.050	07/01/2014	ND	2.13	106	2.00	23.7	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.87	93.4	2.00	22.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.74	95.6	6.00	22.2	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	100 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	07/02/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/01/2014	ND	197	98.5	200	8.40	
DRO >C10-C28	<10.0	10.0	07/01/2014	ND	197	98.7	200	5.62	
Surrogate: 1-Chlorooctane	106 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	111 %	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remetly 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 whotooever shall be deemed valved 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 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.

Celey D. Keene



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

Fax To:

(575) 397-2267

Received:

06/27/2014

Sampling Date:

06/25/2014

Reported:

07/03/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL X-1

Sample Received By:

Celey D. Keene

Project Location:

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

Sample ID: CELL X-1 VADOSE ZONE - B (H401962-02)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	2.04	102	2.00	23.0	
Toluene*	<0.050	0.050	07/01/2014	ND	2.13	106	2.00	23.7	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.87	93.4	2.00	22.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.74	95.6	6.00	22.2	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	100 5	% 89. <i>4-12</i>	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	07/02/2014	ND	416	104	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	07/01/2014	ND	197	98.5	200	8.40	
DRO >C10-C28	<10.0	10.0	07/01/2014	ND	197	98.7	200	5.62	
Surrogate: 1-Chlorooctane	102 9	% 65.2-14	0		-				1770.4.
Surrogate: 1-Chlorooctadecane	107 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's endusive remety 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 whistoners 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, whether such immation, 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 restore only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal Laboratories.



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

Fax To:

(575) 397-2267

Received:

06/27/2014

Sampling Date:

06/25/2014

Reported:

07/03/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Celey D. Keene

Project Location:

CELL X-1

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

Sample ID: CELL X-1 VADOSE ZONE - C (H401962-03)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	2.04	102	2.00	23.0	
Toluene*	<0.050	0.050	07/01/2014	ND	2.13	106	2.00	23.7	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.87	93.4	2.00	22.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.74	95.6	6.00	22.2	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	100 5	% 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	07/02/2014	ND	416	104	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	07/01/2014	ND	197	98.5	200	8.40	
DRO >C10-C28	<10.0	10.0	07/01/2014	ND	197	98.7	200	5.62	
Surrogate: 1-Chlorooctane	106	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	110 9	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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



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

Fax To: (575) 397-2267

Received:

06/27/2014

Sampling Date:

06/25/2014

Reported:

07/03/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Sample Received By:

Celey D. Keene

Project Number:

CELL X-1

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

Sample ID: CELL X-1 VADOSE ZONE - D (H401962-04)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2014	ND	2.04	102	2.00	23.0	
Toluene*	<0.050	0.050	07/01/2014	ND	2.13	106	2.00	23.7	
Ethylbenzene*	<0.050	0.050	07/01/2014	ND	1.87	93.4	2.00	22.8	
Total Xylenes*	<0.150	0.150	07/01/2014	ND	5.74	95.6	6.00	22.2	
Total BTEX	<0.300	0.300	07/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	100 %	% 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	07/02/2014	ND	416	104	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	07/01/2014	ND	197	98.5	200	8.40	
DRO >C10-C28	<10.0	10.0	07/01/2014	ND	197	98.7	200	5.62	
Surrogate: I-Chlorooctane	108 %	% 65.2-14	0		ATTENDED AND THE STORY OF THE STORY OF THE STORY				
Surrogate: 1-Chlorooctadecane	111 %	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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



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: Liability and Damages. Cardinal's liability 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 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. Keene

(575) 393-2326 (575) 393-2476 101 East Marland - Hobbs. Sampler Rozanne Johnson Relinguished by Delivered ompany Name Lazy Ace Landfarm, roject Manager: P. O. Box 160 Eunice, New Mexico 88231 Danny Berry (575)369-5266 T20S R34E Sec ONLY LAB# â (Street, City, Zip) UPS (Circle One) Cell X-1 Vadose Zone-C Cell X-1 Vadose Zone-D Cell X-1 Vadose Zone-B Cell X-1 Vadose Zone-A Ž 22M ~ Lea County -New Mexico Mexico Tel Fax Bus 5 Lazy Ace Landfarm FIELD CODE roject Name Other Ħ c Cardinal Laboratories, 2 Fax Received ଉ G ဂ (G)rab or (C)omp ଉ BILL TO Company Lazy Ace Landfarm, LLC (575)369-5266 # CONTAINERS O. Box 160 Eunice, New Mexico 88231 WATER (Laboratory Staff) SOIL × × × × AIR SLUDGE HCL PRESERVATIVE Rozanne Johnson (575)631-9310 HNO₃ rozanne@valornet.com METHOD NaHSO₄ (Initials) H₂SO₄ City, Zip) × ICE (1-4oz jar) (575)397-2267 NONE SAMPLING 6/25 6/25 825 **6/25 DATE (2014)** 9:00 8:30 7:55 7:15 TIME MTBE 80218/602 Fax Results Phone Results REMARKS: BTEX 8021B × × × × TPH 8015M Email Results to: × **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST PAH 8270C** Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 LAB Order ID# TCLP Metals Ag As Ba Cd Cr Pb Se Hg (Circle or Specify Method No. **TCLP Volatiles** Yes **ANALYSIS REQUEST** es TCLP Semi Volatiles rozanne@valornet.com **TCLP Pesticides** ö V **RCRA Metals** GC/MS Vol. 8260B/624 Additional Fax Number GC/MS Semi. Vol. 8270C/625 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH **Moisture Content** Cations (Ca, Mg, Na, K) Anions (CI, SO4, CO3, HCO3) **Total Dissolved Solids** Chlorides × × Turn Around Time ~ 24 Hours Page 7 of 7

Page 1 of

RECIBER OCD ZON APR 25 P 2:01

Arc Environmental

Rozanne Johnson P. O. Box 1772 Lovington, New Mexico 88260 (575) 631-9310 rozanne11@windstream.net

March 28, 2014

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

Mr. Jones,

Sincerely.

Enclosed are the sampling results for the various cells at the Lazy Ace Landfarm, permit number 41, located in Lea County New Mexico for 2013. 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



January 09, 2014

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

RE: LAZY ACE LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 01/06/14 10:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/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:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

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-A (H400024-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.72	
Toluene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.16	108	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	6.23	104	6.00	0.713	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 89.4-12	16			11/11/11/11/11/11/11/11/11/11/11/11/11/			
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	01/08/2014	ND	416	104	400	3.77	
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	01/06/2014	ND	212	106	200	3.32	
DRO >C10-C28	<10.0	10.0	01/06/2014	ND	207	103	200	2.78	
Surrogate: 1-Chlorooctane	101 9	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	97.8	% 63.6-15	i4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Continual'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 dalms, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 18thin (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 subcidiaries, 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. This report shall not be reproduced except in full with written approved of Cardinal Laboratories.

Celey D. Keine



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

(575) 397-2267 Fax To:

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Jodi Henson

Project Location:

CELL A-1

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

Sample ID: CELL A-1 VADOSE ZONE-B (H400024-02)

BTEX 80218	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.72	
Toluene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.16	108	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	6.23	104	6.00	0.713	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 %	% 89.4-12	16						
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	01/08/2014	ND	416	104	400	3.77	
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	01/06/2014	ND	212	106	200	3.32	
DRO >C10-C28	<10.0	10.0	01/06/2014	ND	207	103	200	2.78	
Surrogate: 1-Chlorooctane	96.5 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	93.1 9	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTTE: Liability and Damages. Cardinal's liability and client's exclusive remety 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 whatscover shall be deemed waived unless made in witting and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be deemed waived unless made in witting and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be deemed waived unless made in witting and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be deemed waived unless made in witting and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be dealered to the performance of the services hereunder by Cardinal, regardless of whether such dakin 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:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

Sampling Type:

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Jodi Henson

Project Location:

CELL A-1

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

Sample ID: CELL A-1 VADOSE ZONE-C (H400024-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.72	
Toluene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.16	108	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	6.23	104	6.00	0.713	
Total BTEX	<0.300	0.300	01/08/2014	ND					
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	01/08/2014	ND	416	104	400	3.77	
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	01/06/2014	ND	212	106	200	3.32	
DRO >C10-C28	<10.0	10.0	01/06/2014	ND	207	103	200	2.78	
Surrogate: 1-Chlorooctane	101 %	6 65.2-14	0						
Surrogate: 1-Chlorooctadecane	95.5 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's excli of 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 complesion of the applicable service. In no event shall Cardinal be Bable 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



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

Fax To: (575) 397-2267

Received:

RTFY 8021R

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

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-D (H400024-04)

EX 8021B	mg/	kg	Analyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.72	
Toluene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.16	108	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	6.23	104	6.00	0.713	
Total BTEX	<0.300	0.300	01/08/2014	ND					
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	01/08/2014	ND	416	104	400	3.77	
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	01/06/2014	ND	212	106	200	3.32	
DRO >C10-C28	<10.0	10.0	01/06/2014	ND	207	103	200	2.78	
Surrogate: 1-Chlorooctane	99.0	% 65.2-14	0					1 18 (1) 2 (
Surrogate: 1-Chlorooctadecane	95.3 9	% 63.6-15	4						

ed Rv. MS

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligen 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 listle for incidental or consequential di ed in contract or tort, shall be limited to the amount paid by dient for analyses. All claims, including those for negligence and including, without limitation, tuainess interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Notes and Definitions

	Samples reported on an as received basis (wet) unless otherwise noted on report
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
***	Insufficient time to reach temperature.
**	Samples not received at proper temperature of 6°C or below.
RPD	Relative Percent Difference
NO	Analyte NOT DETECTED at or above the reporting limit

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTE: Liability and Damages. Cardinal's Bability and clients 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 whotsoever 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 Bable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal Laboratories.

•	•	Delivered By:	4	Colling light Av		Relinguished by:	\	\					4	ν.	7		#400034°	(LAB USE)	LAB#		T20S R34E	Tojeca #:	(575)369-5266	P. O. Box 180 Eur	Address: (8)	Danny Berry	Project Manager:	Company Name: Lazy Ace Landfarm, LLC	(575) 383-2476	98240 (576) 393-2326	101 East Mariand - Hobbs, New Mexico
5	UPS - Bus - Other	(Circle One)		Data: Time:	1-6-20	Date: Time:))					Cell A-1-Vadose Zone-D	Cell A-1 Vadose Zone-C	Cell A-1 Vadose Zone-B	Cell A-1 Vadose Zone-A			FIELD CODE		oped Location: T20S R34E Sec 22M ~ Lea County -New Mexico	Lazy Ace Landfarm	36	P. O. Box 160 Eunice, New Mexico 88231	(Street, City, Zip)			ndfarm, LLC		Cardinal)
	1.50 T	Sample	4	Reg		Rece		_					6	G	ဓ	G	(0	S)rab or	(C)omp	(/lexico			Fax #						nal	•
- 1	₹ ₹	e Condi	Wi.	wed By		Received by:							-	-	-	-			AINER	The				3	(575)369-5266	P. O. Box 180 Eunice, New Mexico 88231		Lazy Ace Landfarm,		Laboratories,	4
ľ	֓֞֞֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	S S		2										_			-	VATER		\mathbb{Z}	Λ		1	8) 	2 × 18	⋛	Ace	3	5	-
ŀ	₹ %		de	200			_	╀	-		-	\dashv	×	×	×	ř	_	OIL IR	(\		9-526	Euni	Address:	Lan t		2	
ŀ	Į		2	pratory Staff)			_											LUDG	E	18	5/1/2		Ί	ľ	5	,8 ¥	•	dfar	5	8	
Ì			on	žian)											L	L	1	-		_	9	Z	4	1		*				9	
١			1/	1			-	╀	╀	├	Н		+	H	╁	╀		ICL INO₃		1 3	10)	١		8		LTC	1		•
١	<u> </u>	托	6	Date		Date:	\vdash	t	十	\vdash	-				L	士		aHSO	4		zan			١		8231	(Stra			es	
	(Initials)	CHECKED B	-6-2014	2		9									L	L	_	2504	41	METHOD	ne@	2			æ :	,	Ω ğ		ָּטָ		
7	A	Žξ	4	Time:		Time:	_	╀	\vdash	-	_		×	×	 ×	ř		IONE	4oz jar)	1 8	valc	8			575)	r.	Street, City, Zip)		e *	Inc.	
	4	_	10:3	ĕ		ĕ		T	T	Γ			42/30	12/30	12/30	12/30		ATE (2	013)	SAMPL	rozanne@valornet.co	Rozanna Johnson (575)631-93			(575)397-2267						
	•		6				Γ	T		Γ				1	7:25	_		IME		LING		8			267						
ı			<u> </u>	ᇛ	Fao	밁		T							I		N		021B/602	2									T		
				REMARKS:	Fax Results	Phone Results		L					×	×	+	+	-	TEX 80									_			١	_
I			Email Results to:	Š	ults	esul	<u> </u>	╀	╀	╀	\vdash	-	×	×	ř	×	٠.	PH 801						 -			-		1		CHAIN-OF-CUSTODY
ı			Res			86		土						L	上	土	T	otal Me	tals Ag A					0B/2	00.7					5	F
١					٧	~	L	+	+	╀	<u> </u>	-	+	┞	╀	╀		CLP Me	etals Ag A	As Ba C	d Cr F	to Se F	1g			 :	-	Ω >		LAB Order ID#	Ä
			ä		Yes	Yes		上	土						丰	丰	Ī	CLP Se	mi Volati	les							_	<u>ਫ਼</u> ≥		ğ	SU
			rozanne@valornet.com		7	2	L	+	╀	╀	_	_	-	\vdash	╀	╀		CLP PE	etale								- .	ANALYSIS REQUEST (Circle or Specify Method No.)		*	8
			nne		No	8	\vdash	+	+	╁	╁	-	+	\vdash	十	十			/ol. 8260	B/624							_	S S Z Z			
			(Q) (X)		Ad			\perp		上					İ	I	G	C/MS	Semi. Vol	. 8270	C/625							REQUEST Wethod No.			S
			alon		ition			I		L				L		L			082/608								_	ă K			AN
			net.c		al Fa		L	1	╀	╀-	┞-	<u> </u>	H	╀	╀	╀	٠.	Pesticide SOD, TS	s 8081A	V608								ت ح	1		F
			ЮM		X Nu		H	+	╁	╁	╁	╁	\vdash	t	十	+	-		Conten	t	<u> </u>						_				SIS
					Additional Fax Number				工						T	T	Ţ			N-											R
					.,		H	+	+	+	-	-	H	+	+	+			(Ca, Mg Cl, SO4			3)	<u></u>							1	AND ANALYSIS REQUEST
								\pm	\pm	士					士	士	_		ssolved												ST
								T	I				×	×	×	×	, (Chloride	8								<u>.</u>				
							Γ		Γ								þ	Tum An	ound Tim	ie ~ 24	Hour	8						Q	bhf	!8!r	od8



January 09, 2014

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

RE: LAZY ACE LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 01/06/14 10:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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:

DTEV 9021B

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

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 (H400025-01)

BTEX 8021B	mg,	/kg	Analyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifler
Benzene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.72	
Toluene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.16	108	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	6.23	104	6.00	0.713	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103	% 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	01/08/2014	ND	416	104	400	3.77	
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	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	99.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	96 .7	% 63.6-15	:4						

Analyzed By: MS

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability 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 whistonewer 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 subclidaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated resource or otherwise. Results relate only to the samples identified above. This report shall not be reproduced occurst in full with written approved 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:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Jodi Henson

CELL A-2

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

Sample ID: CELL A-2 VADOSE ZONE-B (H400025-02)

BTEX 8021B	mg/	kg	Anafyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.72	
Toluene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.16	108	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	6.23	104	6.00	0.713	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 89. <i>4-12</i>	6						
Chloride, SM4500CI-B	mg/	'kg	Anaiyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/08/2014	ND	416	104	400	3.77	
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	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	74.5	% 65.2-14	0						COMMON SERVICE
Surrogate: 1-Chlorooctadecane	76.1	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Dam 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 corresponding 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



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

Fax To:

(575) 397-2267

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

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-C (H400025-03)

BTEX 8021B	mg/	kg	Analyze	d By: M5					***
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.72	
Toluene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.16	108	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	6.23	104	6.00	0.713	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Anaiyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	ŘPD	Qualifier
Chloride	<16.0	16.0	01/08/2014	ND	416	104	400	3.77	
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	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	86.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	84.5	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

arry other cause whatsoever shall be deemed waived unless made in writing and received by Candinal within thiny (30) days after completion of the applicable service. In no event shall Candinal be liable for incidental or consequential days 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

Celey D. Keine



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

Fax To:

(575) 397-2267

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

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-D (H400025-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.72	
Toluene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.16	108	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	6.23	104	6.00	0.713	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 %	6 89.4-12	26						
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	01/08/2014	ND	416	104	400	3.77	
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	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	80.8	% 65.2-14	0						*
Surrogate: I-Chlorooctadecane	79.3	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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



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 Bability and clients' exclusive remesty 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 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, less of use, or loss of use, or loss of profits incurred by client, its subsidiaries, 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 approved of Cardinal Laboratories.

	Sampler - UPS - Bus - Other:	₩	1-6-	Relipfquighed by: Date: Time:						Cell A-2 Vadose Zone-D	3 Cell A-2 Vadose Zone-C	2 Cell A-2 Vadose Zone-B	l Cell A-2 Vadose Zone-A	LAB# FIELD CODE (LAB USE) ONLY H4000 2.5		T20S R34E Sec 22M ~ Lea County -New Mexico		(575)369-5266 Project Name:	Phone #:	P. O. Box 180 Eunice, New Mexico 88231	ny Ber	Project Manager:	Lazy Ace Landfarm, LLC	(5/5) 343-24/6	(575) 385-2256 Few Cardinal	101 East Mariand - Hobbs, New Mexico
	Sample Con	To go		Recei	$ \uparrow $					G	ဓ	၈	ဓ	(G)rab or (C)omp		xico			Fax #:						•	- 1
	A Cres			Received by:						1	-	-	-	# CONTAINERS	M				Ī	(575	P. O. Box 160 Eunice, New Mexico 86231	,	Laz	BILL TO	Laboratories,	4
		Ø . ×		**	世	工								WATER		M		1	1	(575)369-5266	Box 1		_azy Ace Landfarm,	9	2	
	₹ ₹									×	×	×	×	SOIL	6				ı	95	F 6	Address:	e .	Company	ŏ	
	T Tag	1 2 2 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 4 3 4 4 4 4 4 4 4 4 4 4			lacksquare	1				\perp	_	_	_	AIR	MATE	N A	1		١	8	# INC	95	ă,	N N	7	
10		ratory Stam)	2		$\vdash \vdash$	╁	\vdash		_	μ.	-	_	_	SLUDGE	V	Sampler Signature		Ŋ			Ş	:	farm	1	2	
#	l	Z 3	3		┝┼	┿	\vdash	-	_	+	-	H	-	HCL		7		1			ž e	:		ı	Ò	
#54X	1				\vdash	十	Н	-		\vdash	-	\vdash	\vdash	HNO ₃	2			1			8		E	1	3	
F,	 ₹) - G	2	Date:		十			_	1		Г		NaHSO ₄	MET	zan	\sim	4	١		8231	ଫୁ		ŀ	P	
		- 6-2014		.00	\sqcap	1	П			Ħ				H₂SO₄	PRESERVATIVE METHOD	ine(-		1	(Street, City, Zip)		ı	5	
	1	NL C		-						X	×	×	×	ICE (1-4oz jar)	D TV	QV.		İ	İ	(5) E	i i	<u> </u>		P P		◀
	` `	I I I I I	1	Time:								Ļ		NONE		alor (o/			ŀ	<u>ე</u>		(diz			nc.	
		lo: 3				1				12/30	12/30	12/30	12/30	DATE (2013)	SAMPL	rozanne@valornet.co			1	575)397-22	l			ı		
		36				T				9:15			8:20	TIME	PLING	com				2267						,
		7	Fe	P		十	П							MTBE 8021B/602				-					F.,	T	\neg	
		REMARKS: Ema	Fax Results	Phone Results						×	×	×	×	BTEX 8021B								_		1		
	,	T 2	Ě	Res						×	x	×	×	TPH 8015M								_			ı	Ω
(i	= ::		ਛੋ										PAH 8270C								_			ı	≱
(1										. 1			CT PD	26 H	1 00.1	UUVZ	200.7				١	١ٍڲ	징
(nail Resul	L	\vdash	┝┼	-	Н	\dashv	-				-	Total Metals Ag As TCLP Metals Ag As							-	_			۳ ا	Ť
		ail Results to	L	Ye										TCLP Metals Ag As TCLP Volatiles	Ba Cd							_ _	<u>2</u> ≥		용	äl
		ili Results to:	Yes	Yes										TCLP Metals Ag As TCLP Volatiles TCLP Semi Volatile	Ba Cd							_ _	ANAL		Order II	SU2:
		ili Results to:	Yes											TCLP Metals Ag As TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides	Ba Cd							- - - - - -	ANALYS (Circle or Sp		LAB Order ID#	CUSTO
		ili Results to:	L	Yes No										TCLP Metals Ag As TCLP Volatiles TCLP Semi Volatile: TCLP Pesticides RCRA Metals	Ba Cd								ANALYSIS F		Order ID#	CHAIN-OF-CUSTODY
		ili Results to:	Yes No											TCLP Metals Ag As TCLP Volatiles TCLP Semi Volatile: TCLP Pesticides RCRA Metals GC/MS Vol. 8260B	Ba Cd s	Cr Pt							ANALYSIS REC		Order ID#	CUSTODY AN
		ili Results to:	Yes No											TCLP Metals Ag As TCLP Volatiles TCLP Semi Volatile: TCLP Pesticides RCRA Metals	Ba Cd s	Cr Pt							ANALYSIS REQUE		Order ID#	AND
		ili Results to:	Yes No											TCLP Metals Ag As TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B GC/MS Semi. Vol. 6	Ba Cd s /624 8270C	Cr Pt							ANALYSIS REQUEST		Order ID#	AND
		ili Results to:	Yes No											TCLP Metals Ag As TCLP Volatiles TCLP Semi Volatile: TCLP Pesticides RCRA Metals GC/MS Vol. 8260B GC/MS Semi. Vol. 6 PCB's 8082/608	Ba Cd s /624 8270C	Cr Pt							ANALYSIS REQUEST (Circle or Specify Method No.)		Order ID#	AND
		iail Results to: rozanne@valornet.com	Yes No											TCLP Metals Ag As TCLP Volatiles TCLP Semi Volatile: TCLP Pesticides RCRA Metals GC/MS Vol. 8260B. GC/MS Semi. Vol. 6 PCB's 8082/608 Pesticides 8081A/6	Ba Cd s /624 8270C	Cr Pt							ANALYSIS REQUEST (Circle or Specify Method No.)		Order ID#	AND ANALYSIS
		ili Results to:	Yes											TCLP Metals Ag As TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B GC/MS Semi. Vol. 6 PCB's 8082/608 Pesticides 8081A/6 BOD, TSS, pH Moisture Content	Ba Cd 8 /624 8270C	Cr Pt							ANALYSIS REQUEST (Circle or Specify Method No.)		Order ID#	AND ANALYSIS
		ili Results to:	Yes No											TCLP Metals Ag As TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B. GC/MS Semi. Vol. 6 PCB's 8082/608 Pesticides 8081A/6 BOD, TSS, pH Moisture Content Cations (Ca, Mg, N	88 Cd 8 /624 8270C	625							ANALYSIS REQUEST (Circle or Specify Method No.)		Order ID#	AND ANALYSIS
		ili Results to:	Yes No											TCLP Metals Ag As TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B GC/MS Semi. Vol. 6 PCB's 8082/608 Pesticides 8081A/6 BOD, TSS, pH Moisture Content	Ba Cd s /624 8270C 608	625							ANALYSIS REQUEST (Circle or Specify Method No.)		Order ID#	AND ANALYSIS
		ili Results to:	Yes No							Х—————————————————————————————————————	x	×	×	TCLP Metals Ag As TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B GC/MS Semi. Vol. 6 PCB's 8082/608 Pesticides 8081A/6 BOD, TSS, pH Moisture Content Cations (Ca, Mg, N Anions (Ci, SO4, C	Ba Cd s /624 8270C 608	625							ANALYSIS REQUEST (Circle or Specify Method No.)		Order ID#	AND



January 09, 2014

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

RE: LAZY ACE LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 01/06/14 10:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes are denoted by an asterisk (*).

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:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

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 (H400026-01)

BTEX 8021B	mg/	'kg	Anaiyze	d By: M5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.72	
Toluene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.16	108	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	6.23	104	6.00	0.713	
Total BTEX	<0.300	0.300	01/08/2014	ND					
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	01/08/2014	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d Bγ: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	93.0	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	96.8	% 63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waked 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 subsidieries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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

Fax To:

(575) 397-2267

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

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 (H400026-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.72	
Toluene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.16	108	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	6.23	104	6.00	0.713	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluoroberzene (PIL	103	% 89.4-12	6						THE WARF TO STATE OF THE STATE
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	01/08/2014	ND	416	104	400	3.77	
TPH 801SM	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	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	74.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	70.1	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTE: Liability and Damages. Cardinal's Rability and client's exclusive remedy for any cla 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 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



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

(575) 397-2267

Fax To:

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

CELL A-3

Sample Received By:

Jodi Henson

Project Number:

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

Sample ID: CELL A-3 VADOSE ZONE-C (H400026-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.72	
Toluene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.16	108	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	6.23	104	6.00	0.713	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 89.4-12	6		100 T 100 THE 1 THE THE THE THE				N 10 - 10170 to 100 to
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	01/08/2014	ND	416	104	400	3.77	
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	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	79.8	% 65.2-14	0				A CONTRACTOR OF THE CONTRACTOR		
Surrogate: I-Chlorooctadecane	78.0	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive reed 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 consequ 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, repordess of whether such dains is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reprodued except in full with written approved of Cardinal Laboratories.



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

Fax To: (575) 397-2267

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

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 (H400026-04)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.72	
Toluene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.16	108	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	6.23	104	6.00	0.713	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 89.4-12	б		and the second second second	The state of the s			
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	01/08/2014	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: ms		- <u> </u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	75.1	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	72.6	% 63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and districts 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 whistoners shall be deemed waked 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, methods initiation, business interruptions, loss of use, or loss of profits incurred by client, its subcidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal abordatories.



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: Usability 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 whistoners shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal laboratories.

	Samplers - UPS	No Manhaman	Resinquished by	- 3	Belinguished hy				(e)	3 Col		_		LABUSE)		Project Location: T20S R34E Sec	TiOjew #.	(575)369-5266	Phone #:	0x 180 E	Artifrace (Street	Danny Remy	Lazy Ace Landfarm, LLC	Company Name:	86240 (575) 363-2326 (575) 383-2476	101 East Merland - Hobbs, New Mexico	
	(Circle One) UPS - Bus - Other	ã	a	2	Date: Time:	P			Cell A-3 Vadose Zone-D	Cell A-3 Vadose Zone-C	Cell A-3 Vadose Zone-B	Cell A-3 valdose Zone-A	A 9 Vodeos Zene A	FIELD CODE		Sec 22M ~ Lea County -New Mexico	Lazy Ace Landfarm	Droker Name.		New Mexico 88231	Street City Zin)		ım, LLC		Caro		-
	Sample Condition	Q	Reseived By:		Received by:			-	G 1	6 1		-	,	(G)rab or (C)omp # CONTAINERS WATER					FBX #:	(575)369-5266	P	P. O. Box 186	Lazy Ace	BILL TO CO	Cardinal Laboratories,	- 1 T - L	
15#	Yes C.	2	(Laboratory Staff) D		U				×	X	×		¥	HCI	MATRIX / PRES	sampler signature: Rozar				-5266	Phone#:	e. New Mexico 88	azy Ace Landfarm, LLC	Company:	oratorie		
f	CHECKED BY:		Date: Time:		Date: Time:				X 12/30 1	X 12/30 10:10	T	1	1 12/20 g	NaHSO ₄ H ₂ SO ₄ ICE (1-4oz jar) NONE DATE (2013)	PRESERVATIVE SAMPL	rozanne@valornet.com	£7£\051.00			(575)397-2267	Fax#:	31	Singer Oily 753	PO#	S, IHC.		
			REMARKS	Fax Results	Phone				0:25 X	丄	┸	\bot		TIME 8021B/602 BTEX 8021B	S S	3 8	<u> </u>	<u> </u>		67			<u> </u>				
		Email Results to:	RKS:	Serifue:	Phone Results				×			.	×	TPH 8015M PAH 8270C Total Metals Ag As Ba TCLP Metals Ag As Ba					0B/2	200.7	······································	·			Σ	CHAIN-C	
			Ł		Υes							1		TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides			J Ge III	y					(Circle or S	ANALYSIS	LAB Order ID#	CHAIN-OF-CUSTODY	
		rozanne@valornet.com			No.						+	#		RCRA Metals GC/MS Vol. 8260B/62 GC/MS Semi. Vol. 827 PCB's 8082/608	<u> </u>	<i>1</i> 625				1			(Circle or Specify Method No.	SIS REQUEST			
:	,	met.com		Additional Fax Number								#		Pesticides 8081A/608 BOD, TSS, pH Moisture Content	3								<u>8</u>	ST		AND ANALYSIS REQUEST	Page_
				ber:						+		1		Cations (Ca, Mg, Na, Anions (Cl, SO4, CO3 Total Dissolved Solida	3, H	(CO3)										REQUEST	1 of
									×	×	×	();	×	Chlorides Turn Around Time ~ 2	24 l	lours						Ī	F	⊃ag	e 7 c	of 7	L



January 09, 2014

DANNY BERRY

LAZY ACE LANDFARM, LLC

P. O. BOX 160

EUNICE, NM 88231

RE: LAZY ACE LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 01/06/14 10:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.

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:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

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 (H400027-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
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	01/08/2014	ND	416	104	400	3.77	
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	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	85.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	84.4	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusi PLEASE MOTE: Liability and Damages. Cardinal's liability and clients endusive 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 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 informations, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the perform 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:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

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 (H400027-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 9	6 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	Qualifie
Chloride	<16.0	16.0	01/08/2014	ND	416	104	400	3.77	
TPH 801SM	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	84.4 9	% 65.2-14	0			ALL ALL PROPERTY OF THE PARTY O			
Surrogate: 1-Chlorooctadecane	81.49	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Demages. Cardinal's liability and clients exclusive remety 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 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.

Celey D. Keine



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

Fax To:

(575) 397-2267

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

Sampling Type:

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-C (H400027-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
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	01/08/2014	ND	416	104	400	3.77	
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	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	85.5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	82.3 9	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by Gierrit, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether 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 approved of Cardinal Laboratories.

Celey D. Keene



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

Fax To:

(575) 397-2267

Analyzed By: MS

Received:

RTEY SOOTE

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

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 (H400027-04)

BTEX 8021B	mg/kg		Analyzed By: MS						,
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102	% 89.4-12	6						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						· · · · · · · · · · · · · · · · · · ·
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/08/2014	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	79.9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	73.3	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and disent's exclusive remety 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 whitsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such 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.

Celey & 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

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

Celey D. Keine

		Delivered By:	Belinquished by	Rossifine Jatinso	Relinguished by:						W	2		LAB #	Danny Berry Address: (Street P. O. Box 160 Eurico Phone #: (575)369-5266 Project #: Project Location: T20S R34E Se	Company Name: Lazy Ace Landfarm, Project Manager:	86240 (576) 393-2328 (575) 383-2478	101 East Marland - Hobbs, New Mexico
	UPS - Bus - Other:	(Circle One)	Date: Time:	170	Date: Time:	2				Cell A-4-Vadose Zone-D	Cell A-4 Vadose Zone-C	Cell A-4 Vadose Zone-B	Cell A-4 Vadose Zone-A	FIELD CODE	Danny Berry kdrees: (Street, City, Zip) P. O. Box 160 Eunics, New Mexico 88231 P. O. Box 160 Eunics, New Mexico 88231 Fex (575)369-5266 Project Name: Lazy Ace Landfarm T20S R34E Sec 22M ~ Lea County -New Mexico	ndfarm, LLC	Cardinal Laboratories,	
	-1.8%	1 SE C	Rece		Received by:				T	0	ဓ	G	ဓ	(G)rab or (C)omp	XiOS Fax #		121	
		Total Condition	7 k 2 g		ed by:					-	-	-	-	# CONTAINERS	P. O. Box 160 Eunica, New Mexico 88231 Phone#: (575)369-5266 Sampler Signatur: Rozann	BILL TO Company: Lazy Ace Landfarm, Address:	La	4
	<u>₹</u> %	3	` <u>.</u>			╟╫╴	+	\vdash	╫┈	×	×	×	×	WATER SOIL	369 P	8 9 S	q	-
		Č				\vdash	+		+		F	F	F	AIR SLUDGE	80 Eunica, New M Phone#: 9-5266 Sampler Signatura	Company. Ce Land Address:	01	
	,	75	2 8						工					SLUDGE	0 8	dfar	8	
4		75	Staff)				\perp		1			L			W M		01	
1124		P	<u>£</u> ,			$\vdash\vdash$	\vdash		+	#	-	 	\vdash	HCL HNO ₃		LTC		
11	(Initia)	윒	Date:	1	Date:	\vdash	+	+	+	\dagger	\vdash	┢╴	┢	HNO ₃ NaHSO ₄ H ₂ SO ₄ ICE (1-4oz jar)	8823 7231	ا ا	(C)	
		SHECKED IN 16	7 , ≌		9				1	\dagger				NaHSO ₄ METHOD	ne Ja	, 136c,	S	
	#	CHECKED BY	ζ ζ -1		4					×	×	×	×	ICE (1-4oz jar)	Facet: (575) (575) (200)	PO# Street, City, Zip)		4
	*		`` ₹	1	Time:				_		Ļ	Ļ	Ļ	NONE	* 75)3 alon			
	•	10:50	•							12/30 1	12/30 11	12/30 1	12/30 10	DATE (2013)	5 88231 Facet: (575)397-226 (575)397-226 (575)397-226 (575)397-226 (575)397-226 (575)397-226			
		0	3						T	11:66	11:35	11:15	10:55	TIME	2267 8310			
			짂	F	3		\Box		+	191	3.	-	51	MTBE 8021B/602				_
			REMARKS:	Fax Results	Phone Results		П		1	×	×	×	×	BTEX 8021B		- 1		
		3			Res				I	×	×	×	×	TPH 8015M		_	ı	Ω
		<u>=</u> 20			1	├-	\sqcup		1	L				PAH 8270C		-		Ĭ
		26 E		┝	Н	$\vdash \vdash$	H	+	╫	-	_	-	-	Total Metals Ag As Ba Co TCLP Metals Ag As Ba Co	Cr Pb Se Hg 6010B/200.7	-	۶	S S
		Email Results to:		ĭg ₈	¥ 98		口		1					TCLP Volatiles		_ हु ≥	စ္ခဲ့	Ž
ı				Ľ.	Н	 	\vdash	1	1	4	<u> </u>			TCLP Semi Volatiles		ANALYSIS REQUE	LAB Order ID#	Ë
		iozanne@valornet.com	3	Z	장		+	+	+		$\vdash\vdash$	-		TCLP Pesticides RCRA Metals		- S	*	징
		me	3	Š	° $ $	$\vdash\vdash$	+-1	\dashv	+		\vdash	\vdash		GC/MS Vol. 8260B/824		- Egy 5		3
		QV QV		₹			\Box	十	十一					GC/MS Semi. Vol. 8270C	/625	- <u>₹ ñ</u>		≧
	,	aio	2 .	a to			\Box	1	1					PCB's 8082/608		REQUEST y Method No.		>
	Š	nei		Additional Fax Number				1	1					Pesticides 8081A/608		- Z ST		Ž
		6	}	ex.			П							BOD, TSS, pH				3/2
		B	\$	<u>m</u>				4	 					Moisture Content		.		Page SIS I
ı				8	ı		11			L				0-4 (0- M- N- IO	<u> </u>	. 1		교
			i	77	į			1	1		1			CHIMMEN TO WAY WITH MAN			1 1	жи.
				77		-	$\left \cdot \right $	-	-	-	Н			Cations (Ca, Mg, Na, K) Anions (Cl, SO4, CO3, H	CO3)	.		<u>ا</u>
				7										······································	CO3)		1	1 of
-				r.						×	×	×	×	Anions (CI, SO4, CO3, H	(CO3)			۲

HSH



January 09, 2014

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

RE: LAZY ACE LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 01/06/14 10:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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

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:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

CELL A-5

Sample Received By:

Jodi Henson

Project Number: Project Location:

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

Sample ID: CELL A-5 VADOSE-A (H400028-01)

TEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.72	
Toluene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.16	108	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	6.23	104	6.00	0.713	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 89.4-12	6					, v. , 1 · · · , 2 · · · · · · · · · · · · · · ·	
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	01/08/2014	ND	416	104	400	3.77	
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	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	88.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	86.5	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability 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 including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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

Fax To:

(575) 397-2267

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-5

Sample Received By:

Jodi Henson

Project Number:
Project Location:

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

Sample ID: CELL A-5 VADOSE-B (H400028-02)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102	% 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	01/08/2014	ND	416	104	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	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: I-Chlorooctane	90.8	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	89.2	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability 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 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 correspondental damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subcidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal laboratories.

Celey D. Keine



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

Fax To: (575) 397-2267

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

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-C (H400028-03)

BTEX 8021B	mg/	kg	Analyze	d By: M5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 9	6 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	01/08/2014	ND	416	104	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	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	82.9 9	65.2-14	0	7.00		77107.411.11			
Surrogate: 1-Chlorooctadecane	82.0 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene



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

Fax To:

(575) 397-2267

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

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 (H400028-04)

TEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 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	01/08/2014	ND	416	104	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	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	88.2	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	87.1	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTE: Liebility and Damages. Cardinal's Bability and clients 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 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 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.

Celey D. Keene



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: Liability and Damages. Candinal's liability and clients 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 whistoever shall be deemed waived unless made in writing and received by Cardinal within 11th (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal laboratories.

Celey D. Keine

Sampley - UPS	Delivered By: (C	Xelinquished/by:	Bosanpa jorgann	Relinguished by:				,		h -	3 0	20	0	LAB USE)	T20S R34E S	Project Location:	r loject #,	(575)369-5266	Phone #:	Address: (Str	ny Ben	Project Manager:	Lazy Ace Landfarm,	Company Name:	(575) 363-2326 (575) 363-2476	101 East Martand - Hobbs, New Mexico
S - Bus - Other:	(Circle One)	Date: Time:	1-4-2014 10:35	Date: Time:		والمراجعة والمراجعة والمراجعة والمراجعة والمراجعة والمراجعة والمراجعة والمراجعة والمراجعة والمراجعة				Cell A-5 Vadose-D	Cell A-5 Vadose-C	Cell A-5 Vadose-B	Cell A-5 Vadose-A	FIELD CODE	Sec 22M ~ Lea County -New Mexico		lesy Ace I andform		P. O. Box 160 Eurnoe, New Mexico 68231	(Street, City, Zip)			dfarm, LLC			
7	B			Reco	H	1				6	G	G	G	(G)rab or (C)omp	⊣ §	l			Fax #							
N 80	20,0			Received by:	H	+		H	$ \cdot $	1	1	1	_	# CONTAINERS	L				1)E7	P. 0		Laz	O1 178	•	
	Ç 9			*	H	\top			+					WATER	W				010)008-0200	3	P. O. Box 160 Eunice, New Mexico 88231		azy Ace Landfarm,	히	Laboratories,	
₹ ₹		100 8			\Box					×	×	×	X	SOIL	1	Sampler			ğ	֓֞֞֞֜֞֜֞֞֝֓֞֟֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֡֓֡֓֡֓֡֓֓֡֓	18 m	Address:	æ L	Company:) }
Ш		63	1		\sqcup		_						_	AIR SLUDGE	\mathcal{R}_{X}				ĝ	o a n	<u>S</u>	55	and	Š		
	\	Star Star			$\vdash \vdash$	+	-			-		<u> </u>	\vdash	SLUDGE	1/	劉					¥		am		7	•
		3	1		十	十				,			-	HCL.	1		X				Š			١	È	
17		<u> </u>												HNO ₃	rozanne@va	S)	7	4	1		8		LLC	١		
	CHECKED BY	-le-2014		Date										NaHSO ₄		ğ					231	(Sin	ŀ.		3	
STORE .		ğ.,		-	\sqcup	_	L		_					H ₂ SO ₄		훩						(Street, City, Zip)				
12		T ime		7	$\vdash \vdash$		_	Н		×	×	×	×	ICE (1-4oz jar) NONE	A Ma	807			9	Fexal:		īy, Z		핥		
19	P	5		Time:	H					12/30	12/30	12/30	12/30	DATE (2013)	rozanne@valornet.cor	Sozame-donneon (575)631-831			1/00/	307		(d			IIIC.	
		i,			H	+				0 13:1	0 13:0	0 12:40	0 12:2	TIME	com	1-8310			1077-180(010	200				İ		
	!		T	Phone	H	+				-	Ŏ.	Ò.	ø.	MTBE 8021B/802	<u>' </u>	L		1	Ļ_					十		
£ .			2	15																				ı		
		<u> </u>	Ż	3						×	×	×	×	BTEX 8021B			Ť			****		-		1		ဂ
		MARKS Em	Results	ne Res						-	×	ХX	хx									-				I
		REMARKS: Email R	Fax Results	ne Results						<u>x </u>		_	-	BTEX 8021B TPH 8015M PAH 8270C								- - -				≥
		MARKS: Email Resul	Results	ne Results						x x		_	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C				_	B/20	0.7		-			Σ	AIN-C
		MARKS: Email Results to		Results						-X- -X- -		_	-	BTEX 8021B TPH 8015M PAH 8270C				_)B/20	0.7		-	<u> </u>		LAB Or	AIN-OF-C
		all Results to:	Results Yes	ne Results Yes						X-		_	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba TCLP Volatiles TCLP Semi Volatiles				_)B/20	0.7			ANA		LAB Order I	AIN-OF-CUS
		all Results to:	Yes	Results Yes						-X- -X-		_	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba TCLP Volatiles TCLP Serni Volatiles TCLP Pesticides				_	B/20	0.7			ANALYS		LAB Order ID#	AIN-OF-CUSTO
		all Results to:		Results						X-		_	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals	Cd Cr			_)B/20	0.7		in the control of the	ANALYSIS I		LAB Order ID#	CHAIN-OF-CUSTODY
		all Results to:	Yes No	Results Yes						X-		_	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624	Cd Cr	Pb S		_)B/20	0.7			ANALYSIS REC		LAB Order ID #	
		all Results to:	Yes No	Results Yes						X-		_	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270	Cd Cr	Pb S		_)B/20	0.7			ANALYSIS REQUE		LAB Order ID#	AND
		all Results to:	Yes No	Results Yes						X-		_	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624	Cd Cr	Pb S		_	B/20	0.7			ANALYSIS REQUEST		LAB Order ID #	AND
		all Results to:	Yes No	Results Yes						X-		_	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Volatiles TCLP Serni Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Serni. Vol. 8270 PCB's 8082/608	Cd Cr	Pb S		_)B/20	0.7			ANALYSIS REQUEST		LAB Order ID #	AND
		MARKS: Email Results to: Cozanne@valornet.com	Yes No	Results Yes						X-		_	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270 PCB's 8082/608 Pesticides 8081A/608	Cd Cr	Pb S		_	B/20	0.7			ANALYSIS REQUEST		LAB Order ID#	AND ANALYSIS
		all Results to:	Yes	Results Yes						X-		_	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8280B/624 GC/MS Semi. Vol. 8270 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content	Cd Cr	Pb S		_	B/20	0.7			ANALYSIS REQUEST		LAB Order ID #	AND ANALYSIS
		all Results to:	Yes No	Results Yes								_	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na, Na, Ma)	Cd Cr	Pb S		_	B/20	0.7			ANALYSIS REQUEST		LAB Order ID #	AND ANALYSIS
		all Results to:	Yes No	Results Yes						X-		_	-	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8280B/624 GC/MS Semi. Vol. 8270 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content	Cd Cr	Pb S		_	B/20	0.7			ANALYSIS REQUEST		LAB Order ID#	AND ANALYSIS
		all Results to:	Yes No	Results Yes						XX	x	x	x	BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na, Na, Na, Na, Na, Na, Na, Na, Na, Na	Cd Cr	Pb S		_	B/20	0.7			ANALYSIS REQUEST		LAB Order ID#	AND



January 09, 2014

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

RE: LAZY ACE LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 01/06/14 10:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

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-A (H400029-01)

TEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
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	01/08/2014	ND	416	104	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	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	89.4	% 65.2-14	0	, , , , , , , , , , , , , , , , , , , ,			1 19		
Surrogate: 1-Chlorooctadecane	87.1 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages, Cardinal's Bability and client's exclusive reany 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

Celey & Keine



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

Fax To:

(575) 397-2267

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Jodi Henson

CELL A-6

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

Sample ID: CELL A-6 VADOSE-B (H400029-02)

•	•	•							
BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
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	01/08/2014	ND	416	104	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	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	85.3 9	% 65,2-14	0	MUTO TO THE					
Surrogate: 1-Chlorooctadecane	81.3 9	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTTE: Liability and Damages. Continuit'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 lable for incidental or consequent 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



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

Fax To: (575) 397-2267

Received:

RTFY 9021B

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-6

Sample Received By:

Jodi Henson

Project Number: Project Location:

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

Sample ID: CELL A-6 VADOSE-C (H400029-03)

FEX 8021B	mg/	kg	Analyze	а ву: м5					
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8,07	
Total BTEX	<0,300	0.300	01/08/2014	ND					
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	01/08/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms			******		
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	82.4	% 65.2-14	0			THE DESIGNATION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF			
Surrogate: 1-Chlorooctadecane	79.49	% 63.6-15	4						

Analyzed By: MS

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTE: Usability and Damages. Cardinal's Rability and Gient's exclusive remedy for any daim arising, whether based in contract or bort, shall be limited to the amount paid by client for analyses. All daims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thiny (30) days after complection 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 herounder 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.

Celey D. Keene



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

Fax To:

(575) 397-2267

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/09/2014

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 (H400029-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
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	01/08/2014	ND	416	104	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	01/07/2014	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	213	107	200	0.325	
Surrogate: 1-Chlorooctane	83.1	% 65.2-14	9						
Surrogate: 1-Chlorooctadecane	81.4	63.6-15	1						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Lieblity and Damages. Cardinal's Bability and client's exclusive remody 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 negligenor any other cause whitsoever shall be deemed waived unitess made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be Bable for includental or consequential day including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its authorities, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, repartiess of whether All claims, including those for negligence and

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

REBSE NOTE: Usbillity and Damages. Cardnal's liability and dient's exclusive remoty 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 whistoners shall be deemed waived unless made in writing and received by Cardnal within thirty (30) days after completion of the applicable service. In no event shall Cardnal be liable for incidental or consequential damages, including, without limitation, business intorruptions, 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 Cardnal, regardless of whether such dains is biased 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 writen approval of Cardnal laboratories.

Celey D. Keene

	Delivered By: (Circle One) Sampler - UPS - Bus - Other:	(all by: Date: Time:	annadomison L-1014	Relincationed by: Date: Time:			Call v. A. samoo .		3 Cell A-8 Vadose-C	2 Cell A-8 Vadose-B	Cell A-6 Vadose-A	LAB# FIELD CODE (LAB USE) ONLY 1400029	Danny Berry Address: (Street, City, Zip) P. O. Box 160 Eunice, New Mexico 88231 Phone #: Fax (575)369-5266 Project #: Lazy Ace Landfarm Project Location: T20S R34E Sec 22M ~ Lea County -New Mexico	(575) 363-2476 Company Name: Lazy Ace Landfarm, LLC	101 East Markend - Hobbs, New Mexico 88240 Tel (575) 383-2326 Fex Car
15th	Saftyphe Condition CHECKED BY: Ves No No No (Initialization CHECKED BY: Ves (Initialization CHECKED BY: Ves (Initialization CHECKED BY: Ves (Initialization CHECKED BY: Ves No No No	Recording By: (Laboratory Staff) Date: Time: 10:3		Received by: Date: Time:				G 1 X 123014	G 1 X 12/30 14	G 1 X 12/30 14	G 1 X 12/30 13	(G)rab or (C)omp # CONTAINERS WATER SOIL AIR SLUDGE HCL HNO ₃ NaHSO ₄ H ₂ SO ₄ ICE (1-4oz jar) NONE DATE (2013)	P. O. Box 160 Eunice, New Mexico 68: Phones: (575)369-5266 Fax s: Sampler Signature: Rozz Mexico PRE	BILL TO Company: Lazy Ace Landfarm, LLC Address: (Street, City, Zip)	ardinal Laboratories, Inc.
		REMARKS: rozanne@yalornet.com	L	Phone Results Yes No				;46X -X -X	20 × ×	14:05 × ×	×	MTBE 8021B/602 BTEX 8021B TPH 8015M PAH 8270C Total Metals Ag As Ba C TCLP Metals Ag As Ba C TCLP Semi Volatiles TCLP Pesticides RCRA Metals GC/MS Vol. 8260B/624 GC/MS Semi. Vol. 8270 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na, 1 Anions (Cl, SO4, CO3 Total Dissolved Solids	Cd Cr Pb Se Hg 6010B/200.7 Cd Cr Pb Se Hg 4 70C/625 K) 3, HCO3)	ANALYSIS REQUEST (Circle or Specify Method No.)	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST 90



January 10, 2014

DANNY BERRY

LAZY ACE LANDFARM, LLC

P. O. BOX 160

EUNICE, NM 88231

RE: LAZY ACE LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 01/06/14 10:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/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:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/10/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-7

Sample Received By:

Jodi Henson

Project Location:

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

Sample ID: CELL A-7 VADOSE-A (H400030-01)

TEX 8021B	mg/l	cg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/l	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/08/2014	ND	416	104	400	0.00	
TPH 8015M	mg/l	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	01/07/2014	ND	192	96.1	200	2.58	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	193	96.6	200	0.609	
Surrogate: 1-Chlorooctane	82.7 %	6 65.2-14	0						
Surrogate: I-Chlorooctadecane	81.69	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 waived unless made in writing and received by Cardinal within tirthy (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 subclaimies, 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 approved of Cardinal Laboratories.

Celey D. Keene



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

Fax To:

(575) 397-2267

Analyzed Rv: MS

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

RTEY 2021R

01/10/2014

Sampling Type:

Soil

LAZY ACE LANDFARM

ma/ko

Sampling Condition:

Cool & Intact

Project Name:

Sample Received By:

Jodi Henson

Project Number:

CELL A-7

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

Sample ID: CELL A-7 VADOSE-B (H400030-02)

B1EX 8021B	mg/l	(g	Anaiyze	a By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 %	6 89.4-12	6			1111			
Chloride, SM4500Cl-B	mg/l	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/08/2014	ND	416	104	400	0.00	
TPH 8015M	mg/l	kg	Anatyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/07/2014	ND	192	96.1	200	2.58	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	193	96.6	200	0.609	
Surrogate: 1-Chlorooctane	82.79	65.2-14	0						
Surrogate: 1-Chlorooctadecane	82.5 %	6 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages, Cardinal's liability and disnet'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 thinty (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 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.

Celey & Keene



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

Fax To:

(575) 397-2267

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/10/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-7

Sample Received By:

Jodi Henson

Project Number: Project Location:

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

Sample ID: CELL A-7 VADOSE-C (H400030-03)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
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	01/08/2014	ND	416	104	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	01/07/2014	ND	192	96.1	200	2.58	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	193	96.6	200	0.609	
Surrogate: I-Chlorooctane	92.6	% 65.2-14	0			A117	1.00	-/	
Surrogate: 1-Chlorooctadecane	91.0	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 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 L. Keine



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

Fax To:

(575) 397-2267

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/10/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL A-7

Sample Received By:

Jodi Henson

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

Sample ID: CELL A-7 VADOSE-D (H400030-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					<u> </u>
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 9	% 89. <i>4-12</i>	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	01/08/2014	ND	416	104	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	01/07/2014	ND	192	96.1	200	2.58	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	193	96.6	200	0.609	
Surrogate: 1-Chlorooctane	79.8 9	% 65.2-14	0	tama akamata kana dikani dari dari bari a Manakalek i iri Arabb Pel					
Surrogate: 1-Chlorooctadecane	73.65	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Darmages. Cardinal's liability and client's exclusive remedy for any claim a any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such 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.

Celey D. Keene



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: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, 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

	Sampler -	Delivered By:	000	Belinguistied by	Roamne Johnson	Reliequished by		7]	7	2	_	H400030	/ LABUSE \	LAB ₩		Project Location: T20S R34E		Project #:	Phone #:	P. O. Box 160 Eu	Address: (S	Danny Berry	Project Manager:	Company Name:	(575) 393-2326 (575) 383-2476	101 East Mariand - Hobbs, New Mexico	
	UPS - Bus - Other:	(Circle One)		Date: Time:		Date: Time:	<i>S</i>	7				Coll V. L. Addoor	Call A.7-Vadora D	Cell A-7 Vadose-C	Cell A-7 Vadose-B	Cell A-7 Vadose-A			FIELD CODE		Sec 22M ~ Lea County -New Mexico	Lazy Ace Landfarm	Project Name:		co 88231	(Street, City, Zip)			ndfarm IIIC	Fex CAI UIII AI		
		dung	1	Repe		Recei						(ခ	ြ	G	G	(G)n	ab or	(C)omp		8			Fax #:						121		
. :	₹ eg	Tople Copplian		eived By:		Received by:							-	1	1	-	# C	ONT	AINER	1					(575)369-5266		P. O. Box 160 Eunice, New Mexico 88231		BILL TO Company: Lazy Ace Landfarm,		Taharatarias	
		con Con	Ĵ.	(La													WA	TER		11			1		369	_	ж 16		% } }	ש	, ,	İ
	8 K	_	18	3									×	×	×	×	SO			(₹)					52	Phone#:	Eun	Address:	Company: e Landfi		5.	·
	$2\Box$	Intect	M	ratory Staff)							_	_				ļ	AIR			MATIBAK					8	*	8	88	춵		5	
	<u> </u>		SOM	Staf							-	\dashv		_	-	<u> </u>	SLL	JDG	-		1 190		-				lew h		∄	5		
. 1			Z	3			-	_			-	+			-	H	HC	L				A					fexic			5	7	•
#			-					-			\dashv	1	Т		<u> </u>	Г	HN			PRESERVATIVE METHOD			9				882	1	O	5	i	
c N.C	J.	CHE	6	Date:	ı .	Date:							1					HSO ₄	,		anie						31	Sire		V		
4	W	CHECKED	1-10-2014												L	_	H ₂ S	***		METHOD	Jego	4				_		er, c	. "0	2		·
'	B	1	4	Time:		Time:		_	_	Щ	_		×	×	×	×	NO		oz jar)	₹	val				575	Fax#:		Street, City, Zip)	**************************************		3	
		1	20	ē		<u>.</u>						\dashv	12/3	12/3	12/3	12/3	DAT	TE (20) 13)	SAMPL	rozanne@valomet.com	F7E(63)	ı		(575)397-22			9			•	
	,		15:01									\dashv	0 16:0	0 15:4	12/30 15:30	0 16:1	TIM	E			Com				2267							
	 		ــــــــــــــــــــــــــــــــــــــ	교	Fa	呈	┢	一	T				5	34		۲	MTE	BE 80	21B/802	_			:								Π	1
				REMARKS:	Fax Results	Phone Results				Г			×	×	×	×	BTE	X 80	21B/602									_				
			3	KS	Suits.	Res							X	X	×	×	1		5M GRO									-			요	
			<u>e.</u> 70		-	8	L	<u> </u>	<u> </u>			_	4		L	┞			1/TX100 als Ag As		Cr Dh	Sol	Ua 6	0406	2/200	7		-			≨	
			Email Results to:			\vdash	 	\vdash	+		\vdash	\dashv		\vdash	+	十			ais Ay As tais Ag A									-	_	E	٥١	
			k 당		Yes	Yes.							1				TCL	P Vol	atiles									_ (2)	} ≥	ğ	2	
					Ľ	L	<u> </u>	-	-		\vdash		-	<u> </u>	-	\vdash	_		ni Volatik stickles	8 5									ANALYSIS	LAB Order ID#	CHAIN-OF-CUSTODY	
			oza		8	공	\vdash	╁	├	-	Н	-	-	┢	-	\vdash	_	RA Me										- 5	SY SY	*	18	
			nne		ľ	l°.	\vdash	H	\vdash				+	 	╁	T	-		ol. 8260	B/624				,				- 5	S 7	Ш	🕇	1
			8		≥			\vdash	T				İ		T	T	GC	MS S	emi. Vol.	82700	7625			.1.4				- 90	Q E		Ž	
	;		alo		흏		H	T	T	T					Τ	T	PCI	B's 80	82/608					,				- 8	REQUEST	Ш	Ž	
			net		2		Г	1	T								Pes	ticide	s 8081A	608								_ {	7	Ш	≱	
	1		rozanne@valornet.com		ė×,				匚			Ш	Ţ		L	L	_	D, TS										_			AND ANALYSIS	Page
			Ħ		Additional Fax Number:	1	 	├-	+	-	\vdash	Н		-	╁	╀	Moi	sture	Content			 -					, -	_				
					er:		-	+	╁	+	\vdash	\vdash	+	\vdash	+	十	Cat	tions (Ca, Mg,	Na, K	,										REQUEST	_
	1		٠														Ani	ons ((CI, SO4,	CO3, I) .						_			I S	
	1							Г								L	+		solved S	olids			·		ب			-			18	12.
						1	L						×	×	×	×	-	loride									·	_	<u> </u>		1	片
	I															L	Tur	m Aro	und Tim	e ~ 24	Hours	3						L	Uδ	hf !8	pg8	لــ

(



January 10, 2014

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

RE: LAZY ACE LANDFARM

Enclosed are the results of analyses for samples received by the laboratory on 01/06/14 10:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/10/2014

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 (H400031-01)

BTEX 80218	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 %	6 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	01/09/2014	ND	416	104	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	01/07/2014	ND	192	96.1	200	2.58	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	193	96.6	200	0.609	
Surrogate: I-Chlorooctane	89.4 %	65.2-14	0						1.2.2.
Surrogate: I-Chlorooctadecane	86.4 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and diserts exclusive remedy for any dairn 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 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. Keene



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

Fax To:

(575) 397-2267

Received:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/10/2014

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

CELL X-1

Sample Received By:

Jodi Henson

Project Number: Project Location:

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

Sample ID: CELL X-1 VADOSE ZONE-B (H400031-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Апајухе	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/09/2014	ND	416	104	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	01/07/2014	ND	192	96.1	200	2.58	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	193	96.6	200	0.609	
Surrogate: 1-Chlorooctane	81.8 9	% 65.2-14	0	57777		- 1V			
Surrogate: 1-Chlorooctadecane	78.4 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability 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 whitscover 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:

01/06/2014

Sampling Date:

12/30/2013

Reported:

01/10/2014

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-C (H400031-03)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 89.4-12	16						
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	01/09/2014	ND	416	104	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	01/07/2014	ND	192	96.1	200	2.58	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	193	96.6	200	0.609	
Surrogate: 1-Chlorooctane	83.8 5	% 65.2-14	0	No Print		- 4VIII	The State of the S		
Surrogate: I-Chlorooctadecane	83.99	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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

01/06/2014

01/10/2014

Sampling Date:

12/30/2013

Reported:

J1/1U/2U14

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-D (H400031-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2014	ND	2.01	101	2.00	7.47	
Toluene*	<0.050	0.050	01/08/2014	ND	1.98	99.2	2.00	7.63	
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.03	101	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/08/2014	ND	5.92	98.6	6.00	8.07	
Total BTEX	<0.300	0.300	01/08/2014	ND					
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	01/09/2014	ND	416	104	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	01/07/2014	ND	192	96.1	200	2.58	
DRO >C10-C28	<10.0	10.0	01/07/2014	ND	193	96.6	200	0.609	
Surrogate: 1-Chlorooctane	84.5	% 65.2-14	0						V 3/1
Surrogate: 1-Chlorooctadecane	82.0	% 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 waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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

PLEASE MOTE: Liability and Damages. Cardinal's Biability and clients endusive 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 rezelved 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 subclaimies, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal laboratories.

Celey D. Keene

	San		R Z	\\Q				1			Ī	Ī				T,		Project #	Phone #:	.o	Address:	<u>ا</u> ا	<u>ا</u> ا	(676)	101 East 88240
*	Sampley -	1	Relinguished by	Relifiquished by	K	2				4	W	2		LAB USE ONLY		T20S R34E		ject #:	: 25/250 F	O. Box 160 I	888	Danny Berry	Lazy Ace I	(575) 383-2326 (575) 383-2476	ast Mariand - 40
	UPS - Bus	Circle On	7	1						Cell X-1 Vadose Zone-D	Cell X-1 Vadose Zone-C	Cell X-1 Vadose Zone-B	Cell X-1 Vadose Zone-A			E Sec 22M ~ Lea County -New Mexico			366	P. O. Box 160 Eunice, New Mexico 88231	(Street, City, Zip)	₹	Lazy Ace Landfarm, LLC	Pax 13-2476	101 East Mariand - Hobbs, New Mexico 88240 Tel
	- Other:		1-4-1014 Date: Time:	Time:						se Zone-D	se Zone-C	se Zone-B	se Zone-A	FIELD CODE		Lea County	Lazy Ace Landfarm	Project Name:		88231					j
			10:35													-New Mexi	ndfarm	and the same of th						TI CILL	_ardinal
	Yes,		Received By:	Received by:	L		_	<u> </u>		G	ဓ	6	ဓ	(G)rab or (C)omp	1	8			Fax#:	(1				
	₹ % 08	1	BV	d by:	H		4	_		1			_	# CONTAINERS WATER						575)369-5266	Phone#:) }	Lazy Ace Landfarm, LLC		I ahoratories
	<u>8</u> 8 3	De	(<u>1</u>		H	\vdash	十	1		×	×	×	×	SOIL	-35					369-	핅	A A	င်၉ ဋ	Ş	7
		7	(Laboratory Staff)			\Box								AIR	MATINE	Sampler Signature				5266	Phone#:	Address:	and	-	
		Non	Staff				╫	1		-	 	\vdash	\vdash	SLUDGE	3	Man de la company		4			, AGM	Ę	farm	2	10
#		72												HCL	70		//				Maxic		E	2	2
ch	€ E	7		Date:	H		╁	-	-		-	_		HNO₃ NaHSO₄	RESE	OZa Nezon		7			2007) } } (0	i	1].
L'A	(Initial)	1-4-5014	•	6			土							H ₂ SO ₄	ESERVAT METHOD	nne nne					١	ireet,		3	2
,	圣	2	#	≢			\bot			×	X	×	×	ICE (1-4oz jar)	PRESERVATIVE METHOD	EA® Useum				(57)	e e	(Street, City, Zip)	Ç		
	7	10:	ime.	Time:	Н					12/30 1	12/30	12/30	12/30	NONE DATE (2013)	SAMP	Rozanne_Johnson (576)631-93				(575)397-22		(6		1115	
· 		36					T			0 17:16		0 16:40		TIME	PLING	-9310 COM				2267					
			D TEX	Po))	MTBE 8021B/602					I						
		m 2	DEMARKS:	Phone Results	Ш	_				×	×	×	×	BTEX 8021B											
		Email Results to:	9 8	il se	$\vdash \vdash$		╂	\vdash		×	×	×	×	TPH 8015M PAH 8270C								_			위
		7J		6		\top	1	H	\dashv	\top	-			Total Metals Ag As E	Ba Cd (Cr Pb (Se H	g 60	10B/2	200.7	,				₽
														TCLP Metals Ag As									_	LAB Order ID#	₫
		ੜ	Ύes	Yes	\vdash	+	+-	\vdash	-	+				TCLP Volatiles TCLP Semi Volatiles								- }	Ž	Orde	8
	-	Į				\top	1		7	П				TCLP Pesticides	·							- 3	ANALYSIS REQUEST	ō	12
		an	8	8										RCRA Metals								{	§ 33	*	8
		je@												GC/MS Vol. 8260BA	624					_		_ ;	. Z		
		val	å		Ш				\dashv					GC/MS Semi. Vol. 8	270CA	325						_ {	<u> </u>		Š
		9	ğ		Ш	4	\perp	\square	\dashv	4		_		PCB's 8082/608								_ }	REQUEST		≱
	:	rozanne@valornet.com	Fa		$\vdash \vdash$	+	+	\vdash	_	4		\dashv		Pesticides 8081A/60	08							_ {	7 4		₽
		3	ž		$\vdash \vdash$	+	+			\dashv	\dashv	\dashv		BOD, TSS, pH Moisture Content			·			····		_			YSI
			Additional Fax Number			力													-	*****					CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
			15				$oxed{\Box}$		\Box					Cations (Ca, Mg, N								_			lã l
					\sqcup	+	1-1	\square	_	\bot	_[_		Anions (CI, SO4, CI		CO3)						_			Ë
					$\vdash +$	+	+	-	\dashv	╣	_	\dashv		Total Dissolved Sol	ios							-			ST
					+	+	+	-		×	×	×	_	Chlorides				·	-						
1		-	<u></u>											Tum Around Time ~	- 24 H	Durs						1	Qbh	f !8!p	od8



July 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 07/10/13 16:51.

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:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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-7 VADOSE-A (H301613-01)

BTEX 8260B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	94.3	% 61.3-14	12						
Surrogate: Toluene-d8	106	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	102	% 65.7-14	1						
Chloride, SM4S00CI-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	07/12/2013	ND	400	100	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	07/11/2013	ND	207	103	200	1.86	
DRO >C10-C28	<10.0	10.0	07/11/2013	ND	217	108	200	3.49	
Surrogate: 1-Chlorooctane	87.4	% 65.2-14	0						
Surrogate: I-Chlorooctadecane	88.8	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remety 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 whitscover shall be deemed valved 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:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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-7 VADOSE-B (H301613-02)

BTEX 8260B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	95.8	% 61.3-14	12	413.7			/		The state of the s
Surrogate: Toluene-d8	107	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	100	% 65.7-14	11						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP			***		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/12/2013	ND	400	100	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	07/11/2013	ND	207	103	200	1.86	
DRO >C10-C28	<10.0	10.0	07/11/2013	ND	217	108	200	3.49	
Surrogate: 1-Chlorooctane	85.8	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	89.0	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and dient's exclusive arry 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 conse including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such

Celey & Keine



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

Fax To: (5

(575) 397-2267

Received:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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-7 VADOSE-C (H301613-03)

BTEX 8260B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	95.3	% 61.3-14	2		1,000				
Surrogate: Toluene-d8	107	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	102	% 65.7-14	11						
Chloride, SM4500Cl-B	mg.	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/12/2013	ND	400	100	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	07/11/2013	ND	207	103	200	1.86	
DRO >C10-C28	<10.0	10.0	07/11/2013	ND	217	108	200	3.49	
Surrogate: 1-Chlorooctane	87.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	89.7	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Clerdinal within 14th (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 clients because 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



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

Fax To:

(575) 397-2267

rad Bv: MS

Received:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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-7 VADOSE-D (H301613-04)

BTEX 8260B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	97.9 % 61.3-14		/2						
Surrogate: Toluene-d8	105 % 71.3-12		9						
Surrogate: 4-Bromofluorobenzene	100	% 65.7-14	11						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP			.,			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/12/2013	ND	400	100	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/11/2013	ND	207	103	200	1.86	
DRO >C10-C28	<10.0	10.0	07/11/2013	ND	217	108	200	3.49	
Surrogate: I-Chlorooctane	88.4	% 65.2-14	0						B 1000 100 100 100 100 100 100 100 100 1
Surrogate: 1-Chlorooctadecane	91.8	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLESE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remoty 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 watered unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal Laboratories.

Celey D. Keene



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

Celey D. Keine

	Şample	Delivered By:		Relinquished by:	(Sozamia)	Romonie										LAB #		T20S R34E		(575)36	Phone #	Address:	Danny Berry	Project Manager:	Company Name:	(676) 393-2326 (575) 393-2326	101 East Maris	
	er - UPS - Bus - Other:	d By: (Circle One)	1		30 men 7-10-243 16:50	Date: Time:	78					(Cell A-7 Vadose-D	7	2 Cell A-7 Vadose-B	Cell A-7 Vadose-A	LAB # FIELD CODE LAB USE) ONLY) ONLY)	-	^{aton:} R34E Sec 22M ∼ Lea County -New Mexico		(575)369-5266 Project Name:	P. O. Box 180 Eunice, New Mexico 85231	(Street, City, Zip)	Berry		mpany Name:	Fex) 363-2476	0	
	No Ye	Semple Condition	THE STATE OF THE S	Regeived	80	Received by:						G	G	G	G	(G)rab or (C)omp	4	ew Mexico	arm		Fax#	ĥ	P			ardinai i	المسئال	
11 24	No Yes	8	The sale	By: (Laborat		by:						×	×	×	×	# CONTAINERS WATER SOIL	MATRIX			1	010)000-0200	75\260_5366	O. Box 160 Eunic	Address	BILL TO Company: Lazy Ace Landfarm, LLC	abol		
		Intact	MORE	tory Staff)												AIR SLUDGE HCL HNO ₃		Tagaire.	,	4		D .**	P. O. Box 160 Eunice, New Mexico 88231	8:	ny: dfarm, LLC	Laboratories,		
0	Z Z	A A	7-10-2013	Date: Time:		Date: Time:						×	×	×	×	NaHSO ₄ H ₂ SO ₄ ICE (2-4oz jar) NONE	METHOD	rozanne@valornet.com			(0,0	· (575	1	(Street, City, Zip)	PO#	es, Inc	. 1	
			16%			9.						6/28 17:50	6/28 17:20	6/28 17:00	6/28 16:40	DATE (2013)	SAMPLING	ornet.com	R78034 0340		010)001-2201	1207-2267		Đ		C.	•	
				REP	Fax	징									Ĺ	MTBE 8021B/602								_				
			m	REMARKS:	Fax Results	₽ R			Н	+	+	×	×	×	×	BTEX 8021B/602	DD0				-							
			mai	ŝ	₹s	Phone Results			\vdash	+	+	×	ř	×	×	TPH 8015M GRO/								-			띥	
			Res			S.				士	士					Total Metals Ag As		Cr Pb	Se H	g 601	0B/20	0.7				_	ź	
		•	Email Results to:		7	Ļ			\prod	\bot		\perp	F	1		TCLP Metals Ag As	s Ba C	d Cr Pl	Sel	lg .		,		- · ~		AB C	유	
			ij		Yes	Yes				+	\pm	T	\perp	\vdash	T	TCLP Volatiles TCLP Semi Volatile	98							Circle or specify Method No.	ANALYSIS REQUEST	LAB Order ID#	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	
			Z Z									L				TCLP Pesticides								- 0	, K	<u>0</u>	STC	
14			rozanne@valornet.com		8	9N				1	1	1	1		\perp	RCRA Metals					-			- peci	Sis		Yď	
			e@		>		<u> </u>	-	$\vdash \downarrow$	4	+	1	-	1	-	GC/MS Vol. 8260E		\						y Me	R		¥	
			val		ddit			Н	$\vdash \vdash$	+	+	+	-	-	+-	GC/MS Semi. Vol. PCB's/8082/608	82/00	J025			+			- 20000	2		7	
			me		onal				\vdash	+	+	+	+	\vdash	\vdash	Pesticides 8081A/	608				-			- 20	EST		X	
			S		Fax				\vdash	\dashv	+	7	T	T		BOD, TSS, pH								- `	•		K	-
			Ĕ		Additional Fax Number											Moisture Content								-			SIS	Page
					De l						_	\downarrow	_	L	L			<u> </u>						_			쮸	۱
				• • •			\vdash	H	$\vdash \vdash$	+	+	+	+	+	H	Cations (Ca, Mg, I Anions (Cl, SO4, C)					-			5	$\ \cdot \ $
									\vdash	\forall	+	+	T	+	1	Total Dissolved Se								-			ES1	<u> </u>
										1		×	×	×	×	Chlorides												_
								П		\top		T			Π	Turn Around Time	~ 24	Hours							Qbl	nf !8!	pg8	
					-		_	- 1																				

先上

Page



July 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 07/10/13 16:51.

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:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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 (H301614-01)

BTEX 8260B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	95.0	% 61.3-14	2						
Surrogate: Toluene-d8	106 9	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	102 9	65.7-14	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	07/12/2013	ND	400	100	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	07/11/2013	ND	207	103	200	1.86	
DRO >C10-C28	<10.0	10.0	07/11/2013	ND	217	108	200	3.49	
Surrogate: I-Chlorooctane	86.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	88.6	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Listolity and Damages. Cardinal's liability and clients 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 whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completelon of the applicable service. In no event shall Cardinal be jiable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subcidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal Jaboratories.



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

Fax To:

(575) 397-2267

Analyzed By: MS

Received:

BTEX 8260B

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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 (H301614-02)

BIEX 8200B	mg/	Kg	Analyze	a by: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	94.0	% 61.3-142	2				4.417		
Surrogate: Toluene-d8	107 9	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	102 9	65.7-14	I						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/12/2013	ND	400	100	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	07/11/2013	ND	207	103	200	1.86	
DRO >C10-C28	<10.0	10.0	07/11/2013	ND	217	108	200	3.49	
Surrogate: 1-Chlorooctane	85.8	% 65.2-140	0						
Surrogate: 1-Chlorooctadecane	88.8	% 63.6-154	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 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 subcidentes, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal Laboratories.



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

Fax To: (575) 397-2267

Received:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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 X-1 VADOSE ZONE-C (H301614-03)

BTEX 8260B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	95.9	% 61.3-14	2						
Surrogate: Toluene-d8	105	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	105	65.7-14	1						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP			~···		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/12/2013	ND	400	100	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	07/11/2013	ND	207	103	200	1.86	
DRO >C10-C28	<10.0	10.0	07/11/2013	ND	217	108	200	3.49	
Surrogate: 1-Chlorooctane	86.4	% 65.2-14	0						medical to the second second
Surrogate: 1-Chlorooctadecane	89.9	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any datin arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence an any other cause whistoever shall be deemed waived 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 finitiation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates a successions arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether successing upon any of the above stated resorts or otherwise. Results relate only to the services identified above. This report shall not be reproduced except in full with witten appropriate of Cardinal Liaboratories.



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

Fax To:

(575) 397-2267

Received:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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-D (H301614-04)

BTEX 8260B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	96.4	% 61.3-14	2				± 4 / C 10 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -		
Surrogate: Toluene-d8	106	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	102	% 65.7-14	7						
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	07/12/2013	ND	400	100	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	07/11/2013	ND	207	103	200	1.86	
DRO >C10-C28	<10.0	10.0	07/11/2013	ND	217	108	200	3.49	
Surrogate: 1-Chlorooctane	85.0	% 65.2-14	0	The second second second second second				THE RESERVE THE PROPERTY OF TH	
Surrogate: 1-Chlorooctadecane	86.6	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any datin 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 corsequential 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

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories

*=Accredited Analyte

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

	Sampler - U	Delivered By: (Relinquished by:	Rozante Salingon	Resimpershed by:						c		2		LAB #		T20S R34E	r Oject ».	(575)369-5266	P. O. Box 160 Eur	Address: (S	Danny Berry	Lazy Ace Landfarm, Project Manager:	Company Name:	(575) 393-2326 (575) 393-2	101 East Marland - Hobbs, New Mexico 88240 Tel	
	UPS - Bus - Other:	(Circle One)	Date: (Ime:	2/10/2013	Date: Time:						Cell X-1 Vadose Zone-D	Cell X-1 Vadose Zone-C	Cell X-1 Vadose Zone-B	Cell X-1 Vadose Zone-A	FIELD CODE		Sec 22M ~ Lea County -New Mexico	Lazy Ace Landfarm		P. O. Box 160 Eunice, New Mexico 88231	(Street, City, Zip)		ndfarm, LLC		Fax	bs, New Mexico	
		\$	Res o	K	R 000				十	\dagger	6	G	G	6	(G)rab or (C)omp		Xi O		l	Fax #						3 3	İ
	N Yes	Sample Cond		֓֟֟֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֡֓֡֓֡֓֓֡֓֡֓֡֓	Received by:	-		H	+	+	<u> </u>	1	_	_	# CONTAINERS	s	1						-	- 18			
#	148		No.		ķ	-	-	H	-	+	╁	╀	\vdash	H	WATER	ZZ				(575)369-5266		P. O. Box 160 Eunice, New Mexico 88231	Lazy Ace Landfarm, LLC	BILL TO Company:	Laboratories,	3	
454	¥ ₹\°	-	<u>a</u>	1					十	\dagger	×	×	×	×	SOIL	\\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	\sum_{i}			β	身	ĝ	₹	S	Ş	7	
. `	14	2	2	†				H	十	\dagger	+		T		AIR (MAZEUX	Sampler Signatura			526	Phone#:	Ē	e Lan	mpar		2	
	ξ β.		atory Staff)								工	Г			SLUDGE	Ę	\\g			Ö		,s z	ofa	₹	2	3	1
		7																4		1		€ E]3		<u> </u>	+	
						<u> </u>		\sqcup	_	\bot	4-	L	L	L	HCL	7	· · ·	7.	1			exic	E		7	ر ۲	ı
	æ	2	ሳ 🏻		Q	L		$\vdash \vdash$	4	+	-	┡	┞	<u> </u>	HNO₃ NaUCO	PRESERVATIVE METHOD		 -	1			88	_	' I		i.	
4	(Initial)	ŞΕ	Date:		Date:	-	\vdash	$\vdash \vdash$	+	╬	╁	├	┝		NaHSO ₄ H ₂ SO ₄	METHOD						231	Stree		Ü	2	
	K	CHECKED BY:	7				Н	$\vdash \vdash$	+	+	×	×	×	×	ICE (1-40z jar)	용					F		(Street, City, Zip)	y			
	4	: 3 ~	√ Time:		Time:			H	+	\dagger	+	Ė			NONE	á	Valor (c			575	FBX#:	٠.	Ϋ́ Σ	Q #	Ε	3	l
	1	è	٠ ۲		O					T	6/28	6/28	6/28	6/28	DATE (2013)	SAN	575)631 ornet)397-			Ĭ		IIIC.	•	ľ
		1	ý						T	T	16:2	16:00	15:3	15:1:	TIME	PLING	rozanne Johnson (575)631-9310 rozanne@vaiornet.com			(575)397-2267				1			
			20 III	Ti eg	身			_	十	Ť	1		-	5	MTBE 8021B/602	w/ .	!	<u> </u>	ł		السد	L	L	ᅥ		_	1
i			REMARKS	â	Phone				丁	T	×	×	×	×	BTEX 8021B									-			
ľ		Ę	T S	Fax Results	Results					I	×	×	×	×	TPH 8015M											ြင	
		¥			8			_	_	\perp					PAH 8270C									1		¥	
		cmail Results to:		-	Н	\dashv		\dashv	+	+	+-		Н		Total Metals Ag As TCLP Metals Ag As					3/200	.7				5	Ž	
		8 6		Yes	Ύes				士	T	1				TCLP Volatiles	Da Oc	IOIFD	Ge rig		-	·		Ω r	.	ВО	뛴	
				3	L			\bot	\perp	L					TCLP Semi Volatile	8							ਰ 6		LAB Order ID#	5	
- 1		27.0	200	_	Ļ	\Box	_	\dashv	+	\bot	╁	Щ	Ш		TCLP Pesticides								Circle or Specify Method No.)		D #	CHAIN-OF-CUSTODY	
- 1				No	ह		\dashv	+	+	+	+-				RCRA Metals					-			peci	5		ğ	
)	۶		\dashv	-	\dashv	+	+	+				GC/MS Vol. 8260B		mar			<u> </u>			₹ T			AND	
I		á		diti		\dashv	\dashv	-	╬	╁	╁				GC/MS Semi. Vol. 8 PCB's 8082/608	8270C	/625			<u> </u>			etho C	2		5	l
ļ		ā		onal		\dashv	+	-+	╅	+	╫				Pesticides 8081A/6	ne							y Method No.	3		Z	
		Totallie@valorier.com	3	Fax			\dashv		+	+	+	Н	\dashv		BOD, TSS, pH				····	1			-	۱ ا		2	
- 1			3	Additional Fax Number				士	士	丁	1				Moisture Content				·····	1				1		ANALYSIS REQUEST	Page
- 1				nber					T	I																SR	je
				''		_		+	4	$oldsymbol{\perp}$	<u> </u>		_		Cations (Ca, Mg, N									ŀ		Q	-
						+	\dashv	+	+	+		-		\dashv	Anions (Cl, SO4, C Total Dissolved So		CO3)			-				1		UEX	
1		•	1			\dashv	\dashv	十	+	+		\exists	\exists		Chlorides	ilus										3T	윽
			ı		ŀ	\dashv	\dashv	+	╫	+	×	×	×	× ا				•		1				\perp			止
1.	and the								1	ł	1				Turn Around Time	~ 24 F	lours			•		· f	Q	bhf	!8!p	d8	



July 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 07/10/13 16:51.

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:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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-A (H301615-01)

BTEX 8260B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	97.7	% 61.3-14	2		M. No. 100				
Surrogate: Toluene-d8	106	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	102	% 65.7-14	'I						
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	07/12/2013	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS			E		· -
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/11/2013	ND	207	103	200	1.86	
DRO >C10-C28	<10.0	10.0	07/11/2013	ND	217	108	200	3.49	
Surrogate: 1-Chlorooctane	86.9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	89.7	% 63.6-15	4						

Anahmad Dan MC

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Usblifty and Damages. Cardinal's liability and client's exclusive remetly 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 completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, which including, which including the contract incidental cardinal be liable for incidental or consequential damages, including the cardinal be liable for incidental or consequential damages, including the cardinal cardinal be liable for incidental or consequential damages, including the cardinal cardinal be liable for incidental or consequential damages, including those for negligence and any other cause white the damage in the cardinal damage. In or event shall Cardinal be liable for incidental or consequential damages, including those for negligence and any other cause white the damage in the cardinal damage. In or event shall Cardinal be liable for incidental or consequential damages, including those for negligence and any other cause white cardinal be liable for incidental or consequential damages, including those for negligence and any other cause white cardinal be liable for incidental or consequential damages.



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

(575) 397-2267 Fax To:

Received:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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 (H301615-02)

BTEX 8260B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	97.3	% 61.3-14	2						
Surrogate: Toluene-d8	107 9	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	103 9	65.7-14	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	48.0	16.0	07/12/2013	ND	400	100	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	07/11/2013	ND	207	103	200	1.86	
DRO >C10-C28	<10.0	10.0	07/11/2013	ND	217	108	200	3.49	
Surrogate: 1-Chlorooctane	88.2	% 65.2-14	0					Market State of the Control	and the state of t
Surrogate: 1-Chlorooctadecane	90.4	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTTE: Liability and Damages. Cardinal's liability and client's exclusive remody 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 corresponding 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 perform dain is biased upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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

Fax To: (575) 397-2267

Received:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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-C (H301615-03)

BTEX 8260B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	95.8	% 61.3-14	2	11.00					
Surrogate: Toluene-d8	106	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	101 9	% 65.7-14	I						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/12/2013	ND	400	100	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	07/11/2013	ND	207	103	200	1.86	
DRO >C10-C28	<10.0	10.0	07/11/2013	ND	217	108	200	3.49	
Surrogate: 1-Chlorooctane	88.9	% 65.2-14	<i>o</i>						
Surrogate: 1-Chlorooctadecane	91.6	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such 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 & Keene



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

Fax To:

(575) 397-2267

Received:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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 (H301615-04)

BTEX 8260B	mg/	kg	Analyze	d By: MS				····	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	95.2	% 61.3-14.	2						
Surrogate: Toluene-d8	107 9	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	104 9	65.7-14	ı						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/12/2013	ND	400	100	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	07/11/2013	ND	207	103	200	1.86	
DRO >C10-C28	<10.0	10.0	07/11/2013	ND	217	108	200	3.49	
Surrogate: 1-Chlorooctane	89.9	% 65.2-14)						
Surrogate: 1-Chlorooctadecane	91.8	% 63.6-15	1						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability 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 liable for incidential 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 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.



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

	Sampler - UPS - Bus - Other:	Delivered By: (Circle One)	, care.		Date: Ime:	100					4 Cell A-6 Vadose-D	S Cell A-6 Vadose-C	2 Cell A-6 Vadose-B	Cell A-6 Vadose-A	LAB# FIELD CODE LAB USE ONLY H301015	-	T20S R34E Sec 22M ~ Lea County -New Mexico	Project Name: Lazy Ace Landfarm)369-5266	P. O. Box 160 Eunice, New Mexico 88231	Address: (Street, City, Zip)	Danny Berry	Lazy Ace Landfarm, LLC Project Manager:	(0/U) 387-2476 (5/5) 383-2476 Company Name:	d - Hobbs, New Me	
	Yes	Symple C	1a	Received	Received by:	?					ြ	6	G	G	(G)rab or (C)omp		ži O		3	X X		ō				
#	No Yes	Condition		Ŗ	Ş.	L	Ш	\perp	L	L	_	<u> </u>	L	1	# CONTAINERS	\mathcal{L}^{g}				(575)369-5266		P. O. Box 180 Eunice, New Mexico 88231	Lazy Ace Landfarm, LLC	BILL TO Company:	<u> </u>	
#34	ۊؚٙڲڮڐؚ	3	, î	=		\vdash	++	4	╀	┡	╀-	\vdash	┡	┡	WATER		V^{α}	j	l	မြို့	_	ox 16	\§		5	
1	₹ %\		1	3		-	$\vdash \vdash$	+	-	┞	×	×	×	×	SOIL	MATRU				55	Phone#:	Ē	e Lan		5	
	The second second) <u>M</u>	aton Staff		\vdash	╁┼	+	╀	╀	╀	┝	├	┞	AIR SLUDGE	(Z)	ĭ ≠	<i>\</i>		66	*	nice,		3	7	
	· · · · ·	-	DO	Ş		\vdash	╁┼	+	+	╁	╀	├	⊢	⊢	SLUDGE	2	Signature					New	am		¥ .	
			× ×	3		\vdash	++	十	+-	H	╁	┢	H	┪	HCL		7	1				Mex	-	1 9		1
				ı			TT	\top	T	T	T	T	T	Г	HNO₃	PRESERVATIVE METHOD	3 3	1	7			8	5		3.	l
9	C.S.	띪	7/) 	Date:	<u>'</u>			T	Τ	\top	Г	Г	Π	NaHSO ₄	NET SEI		\cup				8231	(St	9		1
	4	CHECKED BY	10/6	1	ë										H₂SO₄	METHOD	ne Ve						Street, City, Zip)	13	2.	
	4	γBG	, 5/6		-	Ē			L	L	×	×	×	×	ICE (1-4oz jar)	ľ₽₫				6	Fax#:	,	₽	2		ı
					Time:	L	\sqcup	1	╀	L	<u> </u>	L	L	L	NONE				•	5	7.	;	<u> </u>		Inc	
			16:5			L		-	lacksquare	L	6/28 1	6/28 1	6/28 1	6/28	DATE (2013)	SAMPL	Rozanne Johnson (575)631-9310 Rozanne @valornet.com			575)397-2267				1	•	
				2 -	7 7	-	H	-	-		4:55	4:35	14:15	3:55	TIME MTBE 8021B/602	S G	IJ õ			গ্ৰ				-	т-	-
			Ema	DEM ADVO	Phone Results		$\vdash \vdash$	十	T	┪	×	×	×	×	BTEX 8021B					!	-			1		
			<u> </u>			r	++	+	+	H	×	 	×	×	TPH 8015M					<u> </u>						1
				1 8	Siles	T	\sqcap	+	1	1					PAH 8270C					:					£	
			Res	L											Total Metals Ag As				6010E	/200.	7			_	Ž	
			Email Results to:	<u> </u>	+	-	\vdash	-	-	_	L				TCLP Metals Ag As	Ba Co	Cr Pb	Se Hg						B	후	
			8	řes	Yes	-		+	+	-	-				TCLP Volatiles TCLP Semi Volatile	8				1.			당	ğ	δ	
			ō.	Г	T	1		+							TCLP Pesticides								ANALYSIS Pircle or Specif	LAB Order ID#	CHAIN-OF-CUSTODY	
			zan	Š	Š			T		Г	П	- 1			RCRA Metals							_	န္	#	S	
			ne(1			П				GC/MS Vol. 8260B	/624				:	:		ST TO		ľ	
			2) Ve	ğ											GC/MS Semi. Vol.	8270C	<i>f</i> 625			:			¥ Ω		₽ B	
			ğ	ifio		Г									PCB's 8082/608	,						_	ANALYSIS REQUEST (Circle or Specify Method No.		A	
			net	nal I											Pesticides 8081A/6	808							<u>용</u>		X	
			rozanne@valornet.com	ax.											BOD, TSS, pH					:					ΙŽ	- 71
			ı	Additional Fax Number:		_		-		_					Moisture Content										ANALYSIS REQUEST	Page
				ě		\vdash	\vdash	+	-	<u> </u>	Н	Н	\vdash	_	Cottons (C. 11	I= 10				ļ					뀨	°
						\vdash	$\vdash \vdash$	+			Н		Н		Cations (Ca, Mg, N Anions (Cl, SO4, C		CO3/							1	2	-
							\vdash	+	Н		H	\vdash	\dashv		Total Dissolved So		((()	.		-					ES	Q
						Г	\vdash	1	П		×	×	×	×	Chlorides		·								٦	
								+		,	\exists	$\hat{-}$	$\widehat{-}$		Turn Around Time	~ 24 !	lour									止
L	· · · · · · · · · · · · · · · · · · ·			<u></u>					L						Turri Around Time	~ 24 F	างนาร						Qb	hf !8	pg8	



July 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 07/10/13 16:51.

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:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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-A (H301616-01)

BTEX 8260B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6. 4 0	107	6.00	12.0	
Surrogate: Dibromofluoromethane	96.9	% 61.3-14	22						·
Surrogate: Toluene-d8	109	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	104	% 65.7-14	1						
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	07/12/2013	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Anatyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	87.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	92.2	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability 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 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 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 approved of Cardinal Laboratories.



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

Fax To: (575) 397-2267

Received:

RTEY 8260B

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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-5 VADOSE-B (H301616-02)

BTEX 8260B	mg,	/kg	Analyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	94.7	% 61.3-14	12						
Surrogate: Toluene-d8	107	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	101	% 65.7-14	11						
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	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	87.5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	90.1	% 63.6-15	74						

Analyzed Ry: MS

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remety 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 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 flable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subcideries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims to be above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced encept in full with written approval of Cardinal Laboratories.

Celey D. Keene

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:

07/10/2013

Sampling Date:

06/28/2013

Reported:

RTFY 8260R

07/15/2013

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-C (H301616-03)

BTEX 8260B	mg/	Kg .	Anaiyze	а ву: мъ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	95.0	% 61.3-14	12						
Surrogate: Toluene-d8	108 9	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	103 5	65.7-14	11						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	84.1	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	88.2	% 63.6-15	4						

Analyzed By: MS

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Usblifty and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of u

Celey D. Keene

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:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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 (H301616-04)

BTEX 8260B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	95.3	% 61.3-14	12			A STATE OF THE STA	derschied Alle Mittels (1866 er in vertier) eine d'e streeten Mittels van de Affrece besonder.		
Surrogate: Toluene-d8	107	% 71.3-12	?9						
Surrogate: 4-Bromofluorobenzene	103	% 65.7-14	11						
Chloride, SM4500Cl-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	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	82.5	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	86.4	% 63.6-15	5 <i>4</i>						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and 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.



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: Liability and Damages. Cardinal's liability and dient's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, wethout limitation, business interruptions, loss of use, or loss of profits incurred by client, its subclaimies, affiliates or successors arising out of or related to the performance of the services hereauder 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. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

(S)	Q	<u> </u>	हा	ス		ТТ	\top	Т	Т		·			I		Pro	Proj	C Pho	,D	Add	0	Pio	Com	(576) 39	10 E	
Sampler -	Delivered By:	Relinquished by	Kozarine Joshiya	Reliviours/feat by:						5	3	2	_	LAB # LAB USE ONLY 3501616		T20S R34E	Project #:	(575)369-5266	. O. Box 160 Eur	ddress: (S	Danny Berry	roject Manager:	Company Name:	85240 (576) 383-2326 (575) 393-2476	101 East Marland - Hobbs, New Mexico	
UPS - Bus - Other:	(Circle One)	Care: Time:	Det 1-10-0-7	Date: Time:						Cell A-5 Vadose-D	Cell A-5 Vadose-C	Cell A-5 Vadose-B	Cell A-5 Vadose-A	FIELD CODE		Sec 22M ~ Lea County -New Mexico	Project Name: Lazy Ace Landfarm		P. O. Box 160 Eunice, New Mexico 88231	(Street, City, Zip)			ndfarm IIC			
	S		Rece	Keceived by						ဓ	G	G	G	(G)rab or (C)om	p	∕lexico		5	± xez							
8	Yes Condition	\mathcal{L}_{i}	Ved By	Ved b				T		-	-	-	-	# CONTAINE	755				(5/5)369-5266		P. O. E		BILL TO Company: Lazy Ace Landfarm,	Laboratories,	=	١
	<u>_</u> 8 ≧			*				工				I		WATER)36	. ,	O. Box 160 Eunice, New Maxico 88231		δ •	1	,	l
No	3	3	200							×	×	×	×		_ اج	M			0.2	Phone#:	E O	Address:	Company:	6		١
	Z 20 Z	2	0				\Box	4	\bot	\perp	╄	╀	╀-	AIR	\ ₹			1/	ő	*	nice,	8	any:	7	\$	I
		2	ory Staff)		L		\vdash	4	+	+	╀	╀	╀	SLUDGE	- z			Γ			New		arm	11		ı
		\$	\$		H	+	┝┼	+	┿	┿	╁	十	╁	HCL	_	1/7	\ _	Þ			Mex.		, LLC	L		
		1			H		H	十	十	T	t	t	T	HNO₃	٦_	rozanne@va		ľ	1		8		ဂ		•	
1	G. HE	74	Date:	2 8	7	1	H	T						NaHSO ₄							231	ents)				
V	CKE	2-0	!	ġ	<u>י</u>			\Box		L	L	L	\perp	H ₂ SO ₄	METHOD		2			. 77		ef, C				
H	CHECKED BY:	7-10-2013	_	=	4		Н	4	4	×	×	×	×		4	Val	Š	1	S	Fax#		Street, City, Zip)	PQ#		5	
			ime	ā	Time:		\vdash	十	+	9	9	65	6/28	NONE DATE (2013)	S S		77)39/	Ś		핑		шс.	5	
		6.5)			-	+	H	+	+	6/28 13:2	6/28 13:1	6/28 12:5	28 12:25	TIME	SAMPLING	rozanne@valornet.com	/ / / / / / / / / / / / / / / / / / /		5/5)39/-226/				-			
-		<u> </u>	↲	71	Į.	+	Н	+	+	18	۱ē	ĕ	155	MTBE 8021B/60		<u> </u>	ļ	<u></u>			<u>. </u>					
		5	REMARKS	Fax Results	Phone Require	_	H	十	_	×	×	×	×	BTEX 8021B								٠.				
		g	_진	Sult la			Н	十	十	×	×	+-		TPH 8015M								<u>-</u>			Ω	
		<u>ai</u> '		5 5	#					I		I	I	PAH 8270C								-			₹	
		189)	F	+	4		\Box	\bot	1	+	1	-	+	Total Metals Ag					B/20	0.7		-		∑	K	
		Email Results to:		Š į	₹	+	H	+	+	+	+	+	+	TCLP Volatiles	, w Da	,u OI I"	I N	,				<u>2</u>	>	οğ	ľŽ	
			å	Ď Ö	1			\perp		工	I	I	I	TCLP Semi Vola					1			(Circle of Specify Metriod No.,	ANALYSIS	LAB Order ID#	CHAIN-OF-CUSTODY	
		[OZ	Ĺ	1	Ţ			\bot	1	1	1	1	1	TCLP Pesticides		 	·		1			- t	X	#	1 8	
		ann	I	5 8	5		\vdash	4	+	\bot	+	4	+	RCRA Metals	AD /20 :				-			- <u>X</u>	Ö		12	
		e@	1		F	_	$\vdash \vdash$	+	+	+	+	+	+	GC/MS Vol. 826		CESE			1			- Y	REQUEST		₹	
		val		d l	H	-	╁	+	+	+	+	+	+	GC/MS Semi. Vo PCB's 8082/608	-	C/020			-			- 6	<u> </u>		D	
)MC		90	1	+	╁	+	+	+	+	+	+	Pesticides 8081				<u> </u>	-		_	- 2	S		1	
		rozanne@valomet.com		<u> </u>	ŀ	+-	┢	\dashv	+	+	+	+	+	BOD, TSS, pH	. 1500							- `			1	
		E		Additional Fax Number	t		T	T	1	T	T	1	1	Moisture Conte	nt							_			AND ANALYSIS REQUEST	
							口			I	I	I	T									_			굒	
			1	7			\sqcup	\bot	\perp		1	1	1	Cations (Ca, M					-			_			2	
					-	+	\vdash	\dashv	+	+	+	+	+	Anions (CI, SO- Total Dissolved		HCO3	<u>'</u>		-						ES	
					ŀ	+	\vdash	\dashv	+	+	+	1.	1.	1				- ; -	-			.			١٦	
					ŀ	+-	H	\dashv	+	 *	 ×	ľ	Ι×			. Us			-			_		Ļ	Ļ	
:54	191												1	Turn Around Ti	110 ~ Z	Hours						L	Qbl	nf !8!	pg8)

#54



July 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 07/10/13 16:51.

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.

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:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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 (H301617-01)

BTEX 8260B	mg/	kg	Analyze	d By: MS	,			·	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	93.3	% 61.3-14	2		1.1				
Surrogate: Toluene-d8	109	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	103	% 65.7-14	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	32.0	16.0	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	83.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	87.0	% 63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Usability 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 durinduding, 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 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.

Celey D. Keine

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:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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 (H301617-02)

BTEX 8260B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	95.1	% 61.3-14	2						
Surrogate: Toluene-d8	109	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	103	% 65.7-14	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	48.0	16.0	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	83.5	% 65.2-14	0	,					.1.5
Surrogate: 1-Chlorooctadecane	89.5	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardnel'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 negigence 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 labble 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 jaboratories.

Celey & Kune

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:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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-C (H301617-03)

BTEX B260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	93.9		2						
Surrogate: Toluene-d8	108	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	105	% 65.7-14	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	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	89.1	% 65.2-14	0	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1					
Surrogate: 1-Chlorooctadecane	92.4	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's flability 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 negigence an any other cause whatcover shall be deemed warved unless made in writing and received by Cardinal within thirty (20) days after completelon of the applicable service. In no event shall Cardinal be listle 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 aux claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. The report shall not be reproduced except in full with written approved of Cardinal Laboratories.



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

Fax To:

(575) 397-2267

Analyzed By: MS

Received:

RTEX 8260B

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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 (H301617-04)

B1EX 8260B	mg,	/Kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	1.86	93.2	2.00	6.78	
Toluene*	<0.050	0.050	07/12/2013	ND	2.17	108	2.00	6.76	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.16	108	2.00	9.29	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	6.40	107	6.00	12.0	
Surrogate: Dibromofluoromethane	95.7	% 61.3-14	12						
Surrogate: Toluene-d8	110	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	108	% 65.7-14	ı,						
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	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	86.5	% 65.2-14	10					, , , , , , , , , , , , , , , , , , , ,	
Surrogate: 1-Chlorooctadecane	91.8	% 63.6-15	i4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and dient'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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within 14thin (30) days after completion of the applicable service. In no event shall Cardinal be labble 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 negligence of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise, Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal laboratories.



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: Liability and Damages. Cardinal's liability and client's exclusive remetly 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 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.

- Addiver		Delivered By:	Relinquished by:	Rozanne Johns	Ke and a series										H301617	LAB USE	T20S R34E	Project #:	Phone # (575)369-5266	Address: (30 P. O. Box 160 Euni	ny Ber	Project Manager:	Company Name: Lazy Ace Landfarm, LLC	(575) 383-2476	101 East Marland - Hobbs, New Mexico 164 88240 Fax 167 51 303-2326 Fax		
000	libs - Riss - Other	(Circle One)	Dave:		n/10/20/3 14:50		A .				Cell A-4 Vadose Zone-D	Cell A-4 Vadose Zone-C	Cell A-4 Vadose Zone-B	Cell A-4 Vadose Zone-A		FIELD CODE	Sec 22M ~ Lea County -New Mexico	Project Name: Lazy Ace Landfarm		karees: (Sureer, City, 44p) P. O. Box 160 Eunice, New Mexico 88231) F. 315)		dfarm, LLC		Cardinal		
t		Sample Condition		D D	7000	Deceived by:					0	G	G	ြ	¢	G)rab or (C)omp	8		TEX.	_	1				΄.		
١	N Yes	e Con	\mathcal{B}	Š	Š		T				Ţ-	_	-	-	#	CONTAINERS	*	1		575)369-5266	P. O. Box 160 Eunice, New Mexico 90231		azy Ace Landfarm, LLC	BILL TO Company	Laboratories,		
۱,	<u></u>	dition		<u> </u>	•	't	十	+			I	I	L	I	٧	VATER	\sqrt{I}	/		366	٤	. >	ğ	o O	5		
1	₹ %					Ī	\top				×	×	×	×	_	SOIL S	\mathcal{K}	amper		ខ្ល	Phone#:	MODIFIER	La		<u>Ö</u>	1	
	Τď	<u> </u>	M	ĕ							L	1	\perp	╀		AIR C	1	S S	1)	8	* 8	. 8	귳.	Ĭ		- 1	
Ì	7,	ð.	2	bry Staff)		ļ	\perp	_	\perp	\vdash	+	+	4	╀	1	SLUDGE			٢		3		la B		#	-	
			S	3		١	+	+	+	\vdash	+	╀	十	+	╁	HCL .	1 (*		Mex		E		2		
			M	١	•	I	\dashv	+	┼	\vdash	+	+	+	╁	_	HNO₃ _	rozanne@va	ह्य <u> </u>	1		8	2	0	١	Ξ.		
	-	오	7	밊		Oate:	+	+	+	++	十	十	+	十		NaHSO ₄					Š		Ž	1	S	-	
q		CHECKE	7-10-	Date		ig	\dashv	十	+	$\vdash \vdash$	†	T	T		Ī	H₂SO₄ Ď	3	舅	1		_[,	5		•		
	及	> B	ω				1				×	<u>د</u> ک	×	×		CE (1-4oz jar)	N N		1	57	Fax	1	Street City 7in	ğ		'	
		≾	Ŵ	Time		Time:					_	1	4	+	-	NONE		(676		မြွ		. 1	9		nc		
			16:5	۳		*				Ц	02/0		87.76			DATE (2013)	rozanne@valornet.com	Rozanne Johnson (575)631-8310		575)397-2267					•		
			5)								2	9 8	3	1:10		TIME	5 B	٩	<u></u>	37				4		4	
				낆	TI gg	P			T				Ι	I	ŀ	MTBE 8021B/602				-					- 1	. 1	
				₹	ž	딂					>	< >	〈	<	_	BTEX 8021B		,		-		_		١	-		
			TT -	REMARKS:	Fax Results	Phone Results					>	<u>< </u> >	<u>(</u>	4	-	TPH 8015M				-					1	윈	
			Email Results to:	"		ਛੋਂ	\sqcup	\bot	4	\vdash	+	+	+	+		PAH 8270C Total Metals Ag As Ba	Cd Cr F	b Se Ho	6010	B/200	.7			1	_	≨	
			nse)			-	\dashv	+	╁	╁╌┼	+	+	┿	+		TCLP Metals Ag As Ba							_	Į	8	힊	
	1		ङ		Yes	Ύes	H	十	+		土	\perp		工		TCLP Volatiles							<u>인</u>	2	ğ	Ω	
					8	8		T	T	\prod	1	1	4	+	-	TCLP Semi Volatiles	:			-			Circle or Speci	}	LAB Order ID#	CHAIN-OF-CUSTODY	
			1-4				1		1	1 1	\perp	4	+	+	-	TCLP Pesticides RCRA Metals				+			Spe		*	임	
	l		20		1	-			_							KCKA Maraio								o :	1 1	٦١	
			ozann		중	8	口	1	1	\prod	+	+	+	+	-	CCMS VAL 8280B/82	24			+			₹ 2		1 1	\sim	
			ozanne@			S		1			+	\downarrow	1	‡		GC/MS Vol. 8260B/62 GC/MS Semi Vol. 827		5					cify Met			Ž	
			ozanne@val			No							+			GC/MS Semi. Vol. 827		5					cify Method I			₽	
			ozanne@valorn			No								+		GC/MS Semi. Vol. 827 PCB's 8082/608	70C/62	5						DECLIEST		₽	
			ozanne@valomet.c			No										GC/MS Semi. Vol. 827	70C/62	5					city Method No.)			₽	Ţ
			rozanne@valornet.com			No										GC/MS Semi. Vol. 827 PCB's 8082/608 Pesticides 8081A/608	70C/62	5					city Method No.)			AND ANALYSIS	Page
			ozanne@valomet.com			No										GC/MS Semi. Vol. 827 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content	70C/62	5					city Method No.)			AND ANALYSIS	Page1
			ozanne@valornet.com		No Additional Fax Number:	No										GC/MS Semi. Vol. 827 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na,	70C/625						cify Method No.)			AND ANALYSIS	Page1
			ozanne@valomet.com			No										GC/MS Semi. Vol. 827 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na, Anions (Cl, SO4, CO	70C/625 8 I, K) D3, HCC						cify Method No.)			AND ANALYSIS	Page 1 of
			ozanne@valornet.com			No										GC/MS Semi. Vol. 827 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na, Anions (Cl, SO4, CO Total Dissolved Solid	70C/625 8 I, K) D3, HCC						cify Method No.)			₽	-
			ozanne@valornet.com			No						×	×	×		GC/MS Semi. Vol. 827 PCB's 8082/608 Pesticides 8081A/608 BOD, TSS, pH Moisture Content Cations (Ca, Mg, Na, Anions (Cl, SO4, CO	3 3 1, K) 03, HCC)3)						TREICER	f !8!p	AND ANALYSIS REQUEST	-

#54



July 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 07/10/13 16:51.

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. Keene

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: Reported: 07/10/2013

07/15/2013

LAZY ACE LANDFARM

Project Name: Project Number: Project Location:

NONE GIVEN

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

Sampling Date:

06/28/2013

Sampling Type:

Soil

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

Sample ID: CELL A-3 VADOSE ZONE-A (H301618-01)

BTEX 8021B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	2.40	120	2.00	1.00	
Toluene*	<0.050	0.050	07/12/2013	ND	2.34	117	2.00	0.905	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.42	121	2.00	0.0330	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	7.18	120	6.00	0.114	
Total BTEX	<0.300	0.300	07/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIC	106	% 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	48.0	16.0	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	90.0	% 65.2-14	0	1 2 3 10 - 1					
Surrogate: 1-Chlorooctadecane	91.6	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTE: Usability and Darrages. 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 whistoever shall be deemed waived unless made in writing and received by Cardinal within 11th (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 Clerk Its subsidiaries, 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 Jaboratories.



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

Fax To:

(575) 397-2267

Received:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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-B (H301618-02)

BTEX 8021B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	2.40	120	2.00	1.00	
Toluene*	<0.050	0.050	07/12/2013	ND	2.34	117	2.00	0.905	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.42	121	2.00	0.0330	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	7.18	120	6.00	0.114	
Total BTEX	<0.300	0.300	07/12/2013	ND					
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	48.0	16.0	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	88.7	% 65.2-14	0			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			
Surrogate: 1-Chlorooctadecane	91.9	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising, whether based in contract or text, shall be limited to the amount paid by client for analyses. All claims, including those for negligence an any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completelon of the applicable service. In no event shall Cardinal be listed for incidental or consequential claimage 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 suc dains 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 fall with written approval of Cardinal Laboratories.



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

Fax To:

(575) 397-2267

Received:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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-C (H301618-03)

BTEX 8021B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	2.40	120	2.00	1.00	
Toluene*	<0.050	0.050	07/12/2013	ND	2.34	117	2.00	0.905	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.42	121	2.00	0.0330	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	7.18	120	6.00	0.114	
Total BTEX	<0.300	0.300	07/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	110 %	% 89. <i>4-12</i>	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	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	86.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	88.8	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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



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

Fax To:

(575) 397-2267

Received:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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-D (H301618-04)

BTEX 8021B	mg/	kg	Analyze	d By: DW						
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050 0.050		07/12/2013	ND	2.40	120	2.00	1.00		
Toluene*	<0.050	0.050	07/12/2013	ND	2.34	117	2.00	0.905		
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.42	121	2.00	0.0330		
Total Xylenes*	<0.150	0.150	07/12/2013	ND	7.18	120	6.00	0.114		
Total BTEX	<0.300	0.300	07/12/2013	ND						
Surrogate: 4-Bromofluorobenzene (PIL	103 % 89.4-1		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	64.0	16.0	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43		
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61		
Surrogate: 1-Chlorooctane	88.3 % 65.2-1		0		1.500.417.6					
Surrogate: 1-Chlorooctadecane	91.8	% 63.6-15	4							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount pald by client for analyses. All claims, including those for negligence and any other cause whistoners shall be idented waved 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 demages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subclaimies, 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 & Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and deemts exclusive remedy for any dalim 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 whotsoever 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.

ľ	_	Delivered By: (Circle One)	velliding of	Deling ie Army	Rozanno Sobrison	Relinquished by	1				4 Cell /	3 Cell /	2 cell/		LAB #	T20S R34E Sec 2	Project Location:	Project #:	(575)369-5266	P. O. Box 160 Eunice, New Mexico 88231	Address: (Street, City, Zip)	Danny Berry	Project Manager:	Company Name:	(675) 393-2326 (575) 393-2476	101 East Mariand - Hobbe, New Mexico	
	- Bus - Other:	One)	•	Time	7/20/2012 16:50	Date: Time:					Cell A-3 Vadose Zone-D	Cell A-3 Vadose Zone-C	Cell A-3 Vadose Zone-B	Cell A-3 Vadose Zone-A	FIELD CODE	T20S R34E Sec 22M ~ Lea County -New Mexico		Project Name: Lazy Ace Landfarm		w Mexico 88231	ty, Zip)		11, FFC	8 - 10			
ł	, , , , , , , , , , , , , , , , , , , 	4	2	2	•	Rec		\Box	+		a	ြ	ြ	G	(G)rab or (C)omp	$\sqrt{\frac{8}{2}}$,						121		
	No Yes	nple Condition	8			Received by:		H	+	+	<u> </u>	_	_	_	# CONTAINERS	A.						P.C	1	- B			
1		ă		Ŗ		λř	-	$oldsymbol{\sqcup}$	+	+	F	F	-	F	WATER	\exists	W			(575)369-5266		O. Box 160 Eunice, New Mexico 68231	K	BILL TO Company:	à)	İ
Š	₹ %	ā						H	\dashv	╅	×	×	×	×		Z	S.	' '		69	골	160	ğ	g &	5	7	
`			7	a de			+	H	十	十	\dagger		F	t	AIR	A REPORT OF THE PROPERTY OF TH		//	D)	526	Phone#:	Eunic	Address:	nedu	JI		
	48		2007	pratory Staff)							上				SLUDGE	×		J		0		ž		ਸ਼੍ਰੇ ਜ਼੍ਰਾ	2	Š	
			8	žaf)									L	L		_	Signatuper	J	1			ž					
			7								_	L	L	lacksquare	HCL	1	ľ					exico S					ĺ
d	2	ဝှ	·	J		D		-	-	4	+-	╀	╀	╀	HNO ₃		OZBIT		İ			882			1	>	
	F	S	0/0	Date:		Date:	$\vdash\vdash$	H	\dashv	+	+	╁	╁	╁╴	NaHSO ₄							=	reet		39	2	
ı	T	CHECKED BY:	ω	١			\vdash	H	十	十	×	×	×	×	ICE (1-4oz jar)	PRESERVATIVE) ğ			6	Fauc#		Street, City, Zip)	PO#			
		≾	1203	Time:		Time:		\Box		土					NONE	m g) () ()			5	*		ZĮ	***	LIIC	5	
			76.5	*		*					6/28	6/28	6/28	6/28	DATE (2013)	RESERVATIVE SAMPLING	Rozanne Johnson (575)631-9310			575)397-226					•	•	
			<u> </u>								10:55	10:35	10:15	9:55	TIME	LING	310			267							
ı				낆	KB_	뭏									MTBE 8021B/602					Ī			_				
			ļ	지 경 B ×××× BTEX 8021B																		ļ					
ı		Tax											1						오								
	With Yes XS:									╀	┡-	_	╀	PAH 8270C Total Metals Ag As Ba	CdC	Dh C	o Ha	60105	27200	. 7		-			₹		
								$\dagger \dagger$	\dashv	十	+	T	T	†	TCLP Metals Ag As B					1200.1				₽	CHAIN-OF-CUSTODY		
١	rozanne@														TCLP Volatiles					ANALYSIS REQUEST (Circle or Specify Method No.)		LAB Order ID#	7				
I							-	\vdash	-	+	1-	┞	╀	╀	TCLP Semi Volatiles TCLP Pesticides	·				+				ANALYSIS	97 10	S	
- [H		+	╁	┝	┝	╁	RCRA Metals					1			- ဗွ	ĭSI	*	ᅙ	
ŀ							\vdash	H	十	╅	╁╴	\vdash	┢	H	GC/MS Vol. 8280B/6	24		<u> </u>		<u> </u>				(S)		3	l
								GC/MS Semi. Vol. 8270C/625									1			- <u>₹</u>	E C		Ź				
Ì	akor							1 1	十	1	1	T	T	T	PCB's 8082/608									REQUEST		Ž	l
ļ			net		nal F				1					Π	Pesticides 8081A/608	8							_ <u> </u>	S T		إ	l
1			8		Additional Fax Number:			П		\perp	$oxed{\Gamma}$	L	L	L	BOD, TSS, pH								-			AND ANALYSIS REQUEST	ď
			ద		m m			\dashv	4	+	+	-	1	-	Moisture Content					1			-			ST	Page
					9		$\vdash \vdash$	╂╌┨	\dashv	+	+	\vdash	\vdash	\vdash	Cations (Ca, Mg, Na	, K)				i			-			ñ	
								\Box	7	十	T	T	T	T	Anions (CI, SO4, CC		O3)						-			Ē	
ĺ				j											Total Dissolved Solid	ds							_		ľ	TS	P .
1										\perp	×	×	×	×	Chlorides	,, ., 				i.							-
						1 1		1 7	ı		1		1	1	Turn Around Time ~					5			-			pg8	_



July 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 07/10/13 16:51.

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:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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-A (H301619-01)

/12/2013 /12/2013 /12/2013	ND 2	BS 9	% Recovery 120 117	True Value QC 2.00 2.00	RPD 1.00	Qualifier
/12/2013 /12/2013	ND 2				1.00	
/12/2013		34	117	2.00		
•	ND 2			2.00	0.905	
	-	.42	121	2.00	0.0330	
/12/2013	ND 7	.18	120	6.00	0.114	
/12/2013	ND					
Analyzed By: A	>					
nalyzed Meth	od Blank I	BS 9	% Recovery	True Value QC	RPD	Qualifier
/12/2013	ND 4	100	100	400	0.00	
Analyzed By: M	s					
nalyzed Meth	od Blank 1	BS 9	& Recovery	True Value QC	RPD	Qualifier
/12/2013	ND 2	214	107	200	1.43	
12/2013	ND 2	224	112	200	1.61	
n /:	Analyzed By: Af nalyzed Metho 12/2013 I Analyzed By: Mi nalyzed Metho 12/2013 I	Analyzed By: AP nalyzed Method Blank 12/2013 ND 4 Analyzed By: MS nalyzed Method Blank 12/2013 ND 2	Analyzed By: AP nalyzed Method Blank BS 12/2013 ND 400 Analyzed By: MS nalyzed Method Blank BS 12/2013 ND 214	Analyzed By: AP nalyzed Method Blank BS % Recovery 12/2013 ND 400 100 Analyzed By: MS nalyzed Method Blank BS % Recovery 12/2013 ND 214 107	Analyzed By: AP nalyzed Method Blank BS % Recovery True Value QC 12/2013 ND 400 100 400 Analyzed By: MS nalyzed Method Blank BS % Recovery True Value QC 12/2013 ND 214 107 200	Analyzed By: AP nalyzed Method Blank BS % Recovery True Value QC RPD 12/2013 ND 400 100 400 0.00 Analyzed By: MS nalyzed Method Blank BS % Recovery True Value QC RPD 12/2013 ND 214 107 200 1.43

Cardinal Laboratories

*=Accredited Analyte

PLESE NOTE: Ustailty and Damages. Cardinal's liability and clients exclusive remedy for any dain arising, whether based in contract or tort, shall be limited to the amount paid by dient for analyses. All claims, including those for negligence and any other cause whatovers shall be deemed waived 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 subsidiaries, affiliates or successions arising out of or related to the performance of the services hereunder by Cardinal, repartised damin is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approved of Cardinal subordaries.

Celey D. Keene



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

Fax To:

(575) 397-2267

Received:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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 (H301619-02)

BTEX 8021B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	2.40	120	2.00	1.00	
Toluene*	< 0.050	0.050	07/12/2013	ND	2.34	117	2.00	0.905	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.42	121	2.00	0.0330	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	7.18	120	6.00	0.114	
Total BTEX	<0.300	0.300	07/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	106 %	% 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	48.0	16.0	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	91.0 5	% 65.2-14	0		MALEY WAY				
Surrogate: 1-Chlorooctadecane	93.99	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed watved 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 subcidaries, affiliates or successors arising out or 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 witten approved 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:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

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

Jodi Henson

Sample ID: CELL A-2 VADOSE ZONE-C (H301619-03)

BTEX 8021B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	2.40	120	2.00	1.00	
Toluene*	<0.050	0.050	07/12/2013	ND	2.34	117	2.00	0.905	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.42	121	2.00	0.0330	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	7.18	120	6.00	0.114	
Total BTEX	<0.300	0.300	07/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 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	07/12/2013	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS	<u> </u>				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	82.4	% 65.2-14	0						WALKE THE
Surrogate: 1-Chlorooctadecane	87.6	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keine



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

(575) 397-2267

Fax To:

Received:

07/10/2013

07/15/2013

Sampling Date:

06/28/2013

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-2 VADOSE ZONE-D (H301619-04)

BTEX 8021B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	2.40	120	2.00	1.00	
Toluene*	<0.050	0.050	07/12/2013	ND	2.34	117	2.00	0.905	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.42	121	2.00	0.0330	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	7.18	120	6.00	0.114	
Total BTEX	<0.300	0.300	07/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	106 %	6 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	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	85.75	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	89.3 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTTE: Liability and Camages. Cardinal's liability 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 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 label for incidental or consequential of including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidieries, affiliates or successors arising out of or related to the perform

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Qbhf !6!pg8



ND

Notes and Definitions

Analyte NOT DETECTED at or above the reporting limit Relative Percent Difference RPD 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: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of 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.

Celey D. Keine

•		Delivered By:	(Betfriquished)	Kozanne a skynsy	Relingdished by						-	3	2		LABUSE ONLY		T20S R34E	Project #:	(575)369-5266	P. O. Box 160 Eu	Address: (5	ny Beri	Project Manager:	Company Name: Lazy Ace Landfarm,	(575) 383-2328 (575) 383-2478	101 East Mariand - Hobbs, New Maxico 88240 Tel	
	UPS - Bus - Other	(Circle One)	Date: Time:	20/2	Date: Time:						Cell A-2 Vadose Zone-D	Cell A-2 Vadose Zone-C	Cell A-2 Vadose Zone-B	Cell A-2 Vadose Zone-A	FIELD CODE		Sec 22M ~ Lea County -New Mexico	Lazy Ace Landfarm		P. O. Box 180 Eunice, New Mexico 88231	(Street, City, Zip)			andfarm, LLC	Fax	abs, New Massico Tel Cardinal Shorestories	
		\$ 100 miles		1	Rece		T			T	6	G	a	ဓ	(G)rab or (C)omp		8			FEX.				-	19	3	
#	R og	e Condition			Received by:	l	T	H	\dagger	T	-	-	_	_	# CONTAINERS	S	r				Ì	P. O. Box 160 Eunice, New Mexico 88231	·	Lazy Ace Land	ţ	-	
ű	<u> </u>	ğ	•	1 .	**					İ	上				WATER	1		1		5/5/368-5266		Box		Lazy Ace Landfarm, LLC	3	و ح	
78	₹ ₹		(Lappirationy Stam)	ł							×	×	×	×	SOIL	3	Marino			ç	Phone#:	8 m	Address	ie ie		5	
				•							L				AIR	MATERIA	_	'	Y	ģ	} •	S S S	888	and		7	
	,,,		mory Stam)			L	L	Ш		1	┖			_	SLUDGE	12	Z	.	1	ľ		ž		lfan	3	٥	
	į	B	7 3			<u> </u>	-	\sqcup		╀-	╀	┡	<u> </u>	_		\vdash	17	1				ş		3, I	18	5	
		ľ				┡	├-	\vdash	- -	╀	╀	-	├-	-	HCL HNO₃	3			1	1		8		TC		3	
0		와	>	1	Ö	┝	\vdash	H	\dashv	╀	╀	├	├	-	NaHSO ₄	PRESERVATIVE	ezo ezo					88 23		:	1		
	人	CHECKED BY:	7/0 0:		Date:	\vdash		$\vdash \vdash$	+	+	╁	┝	\vdash	┝	H ₂ SO ₄	METHOD						7	treet		3	2	
	14					H	1		-	\vdash	×	×	×	×	ICE (1-4oz jar)	ĕĕ				6	i Fi		Ç	Ç.	.1		
	ľ	3			Time:	H		H	十	${\dagger}$	F				NONE	m	18 S		1	ŏ	Facet:		(Street, City, Zip)	#	1116	3	
		1			Õ				T	T	6/28	6/28	6/28	6/28	DATE (2013)	SAM	rozanne@valornet.com			5/5)397-2267			¥		5	•	
		!	16.55									8:10		8:25	TME	PLING				2267							
			70	ē	हू					Τ					MTBE 8021B/802								_				
			REMARKS:	Fax Results	Phone Results						×	×	×	X	BTEX 8021B								_				
		-		툹	ég		·				×	×	X	×	TPH 8015M								_		i	Ω	
			20 20		18			\sqcup		_					PAH 8270C											₹	
		ě	2	 	\vdash	Н	-	$\vdash \vdash$		╀	<u> </u>		Н		Total Metals Ag As TCLP Metals Ag As					B/200).7		• ,		5	굿	
		Š	Email Results to:	Yes	№		\vdash	$\vdash \vdash$	+	╁╌			-		TCLP Volatiles	Da G	J.CI FI	Je rig					· 3	>	08	F	
		5	2	Ø.	ă										TCLP Semi Volatile	8							- G	ANALYSIS	LAB Order ID#	5	
1			Q X												TCLP Pesticides								_ Q	7	D T	12	
			a E	중	o N										RCRA Metals								- Per	Sis		Ř	
- 1			-	ł					\perp						GC/MS Vol. 8260B	V624				1			, Y	2		Ž	
			S S		•										GC/MS Semi. Vol.	8270C	<i>1</i> 825								1 1	Z	4
			e@va	Add																				2		ם ו	İ
			e@valorn	Addition.											PCB's 8082/608								i doine	QUES		DAN	
			e@valomet.	Additional Fu											PCB's 8082/608 Pesticides 8081A/6							:	(Circle of opecity metrical No.)	REQUEST		DANAL	
			e@valomet.com	Additional Fax N											PCB's 8082/608 Pesticides 8081A/6 BOD, TSS, pH							:	ieurou No.)	QUEST		DANALYS	P.
			rozanne@valornet.com	Additional Fax Numb											PCB's 8082/608 Pesticides 8081A/6							:	ibulou No.)	QUEST		D ANALYSIS I	Page
			e@valomet.com	Additional Fax Number:											PCB's 8082/608 Pesticides 8081A/6 BOD, TSS, pH Moisture Content	308						:	iediod No.)	QUEST		D ANALYSIS REC	Page1
			e@valomet.com	Additional Fax Number:											PCB's 8082/608 Pesticides 8081A/6 BOD, TSS, pH Moisture Content Cations (Ca, Mg, N	308 Na, K)						:	ieurou No.)	QUEST		D ANALYSIS REQU	Page1
			e@valomet.com	Additional Fax Number:											PCB's 8082/608 Pesticides 8081A/6 BOD, TSS, pH Moisture Content	008 Na, K)						:	eulou No.)	QUEST		D ANALYSIS REQUEST	-
			e@valomet.com	Additional Fax Number:							×	×	×	X	PCB's 8082/608 Pesticides 8081A/6 BOD, TSS, pH Moisture Content Cations (Ca, Mg, N Anions (Cl, SO4, C	008 Na, K)						:	reund No.)	QUEST		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	Page1of1

* 1/

Qbhf !8!pg8



July 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 07/10/13 16:51.

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/ga/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:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

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 (H301620-01)

BTEX 8021B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	2.40	120	2.00	1.00	
Toluene*	<0.050	0.050	07/12/2013	ND	2.34	117	2.00	0.905	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.42	121	2.00	0.0330	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	7.18	120	6.00	0.114	
Total BTEX	<0.300	0.300	07/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 %	6 89.4-12	6				11.7		
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	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	92.0 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	95.3 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any client processing, whether based in contract or tort, shall be limited to the amount paid by dient for analysies. All claims, including those for negligence an any other cause whatsoever shall be deemed valved 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 damage 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, repartless of whether suc 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: Reported: 07/10/2013

07/15/2013

LAZY ACE LANDFARM

Project Number:

Project Name:

NONE GIVEN

Sampling Date: Sampling Type: 06/28/2013

Soil

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

Project Location:

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

Sample ID: CELL A-1 VADOSE ZONE-B (H301620-02)

BTEX 80218	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	2.40	120	2.00	1.00	
Toluene*	<0.050	0.050	07/12/2013	ND	2.34	117	2.00	0.905	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.42	121	2.00	0.0330	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	7.18	120	6.00	0.114	
Total BTEX	<0.300	0.300	07/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 9	6 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	48.0	16.0	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	86.9	% 65.2-14	0	ALC VE					
Surrogate: 1-Chlorooctadecane	90.3	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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

Celey & Keene



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

Fax To: (575) 397-2267

Received:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

Sampling Type:

ioil

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-C (H301620-03)

BTEX 8021B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	2.40	120	2.00	1.00	
Toluene*	< 0.050	0.050	07/12/2013	ND	2.34	117	2.00	0.905	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.42	121	2.00	0.0330	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	7.18	120	6.00	0.114	
Total BTEX	<0.300	0.300	07/12/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 %	6 89.4-12	6						4 11
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	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	88.65	% 65.2-14	0			1111/2			
Surrogate: 1-Chlorooctadecane	89.69	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

Qbhf !5!pg8



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

Fax To: (575) 397-2267

Received:

07/10/2013

Sampling Date:

06/28/2013

Reported:

07/15/2013

Sampling Type:

Soil

Project Name:

LAZY ACE LANDFARM

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Jodi Henson

NONE GIVEN

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

Sample ID: CELL A-1 VADOSE ZONE-D (H301620-04)

BTEX 8021B	mg/	kg	Analyze	Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2013	ND	2.40	120	2.00	1.00	
Toluene*	<0.050	0.050	07/12/2013	ND	2.34	117	2.00	0.905	
Ethylbenzene*	<0.050	0.050	07/12/2013	ND	2.42	121	2.00	0.0330	
Total Xylenes*	<0.150	0.150	07/12/2013	ND	7.18	120	6.00	0.114	
Total BTEX	<0.300	0.300	07/12/2013	ND					
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	07/12/2013	ND	400	100	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	07/12/2013	ND	214	107	200	1.43	
DRO >C10-C28	<10.0	10.0	07/12/2013	ND	224	112	200	1.61	
Surrogate: 1-Chlorooctane	81.0	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	82.1	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Usability and Damages. Cardinal's liability 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 thiny (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. 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

PLEASE NOTE: Liability and Damages. Cardinal's liability and dient's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 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

,	•	Delivered By:	E	ozanna samson	Selfiquida do by						2		71	2		LAB USE	(575)369-5266 Project #: Project Location: T20S R34E Se	dress: (8) P. O. Box 180 Eur	Danny Berry	roject Manager:	Company Name: 1 azv Ace Landfarm, LLC	86240 (575) 363-2326 (575) 363-2476	101 East Mertand - Hobbs, New Mexico
	LIPS - Bus - Other	(Circle One)	Date: Time:	2107013	Date: Time:	X					Cell A-1 Vagose Zone-D				Cell A-1 Vadose Zone-A	FIELD CODE	66 Project Name: Lazy Ace Landfarm Lazy Ace Landfarm Sec 22M ~ Lea County -New Mexico	Idress: (Street, City, Zip) P. O. Box 180 Eunice, New Mexico 88231			ndfarm. LLC		
		Square R	Reg et		Recei				+	+	-	,	G	9	G	(G)rab or (C)omp	8	Fox#	L		01		
Arc	₹ 🙀	e Condition	Wed By:		Received by:						-	•	-	-	4	# CONTAINERS WATER		(575)369-5266	P. O. Box 160 Eunice,		BILL TO Compeny: Lazy Ace Landfarm, LLC	Laboratories	
	\$ \frac{2}{8}	3	المَّا المَّالِ			-	Н	\vdash	\dashv	┪	٦,	,	×	×	×	SOIL		69-526	8	Address:	1 9 0	0	_
١,			National Property of the Party			-			-	+	+	+				AID 3		3266 **	un o	886	and		
1			ratory S							コ						SLUDGE		"	٠ <u>٢</u>		farr	ä	
		٦	ory Stant)					Н		4	4	4	_	_	-	HCL	THE STATE OF THE S		New Mexico 88231		n, L		
		1				\vdash	\vdash	Н	\dashv	\dashv	十	+		-	-	HNO ₃			88		ဂ်		
	(Initia	윎:	7//c		Date:	┢	\vdash	H		1	T	1				NaHSO ₄	Rozanne Johnson (OZanne@va		3231	(Stre		3	
	C	CHECKED BY	6		<u>io</u>											H₂SO₄ ਰ				,#. <u>C</u>	20	9	
	X	Ŋ,	Date: Tir 7/10/2013		≓	 	-			\dashv	-	ٽا	×	×	×	ICE (1-4oz jar)	son ((575)		Street, City, Zip)	PO#		\$
	4		<u>9</u>		Time:	H	T			1		8/2g	6/28	6/28	6/28	DATE (2013)	Rozanne Johnson (6/5)831-93 rozanne@yvalornet.co	575)397-2267		_			•
		ŀ	6.5									8 8 8	7:50	7:36	7:20	TIME &	SHO DID	267					
			R	Fax	PHO.						\Box					MTBE 8021B/602		-					
			REMARKS:	Fax Results	Phone Results	_	1		\sqcup	_			X	×	×	BTEX 8021B TPH 8015M	,						
			Ks: Ks: Ks:	큥	esult	<u> </u>	┝	Н	\vdash	\dashv	+	×۱	×	×	户	PAH 8270C				-			CHAIN-OF-CUSTODY
		-		L	"											Total Metals Ag As Ba C		B/200.7		_		5	Z
			8	7	Į	L	╀	-	\vdash	\dashv	\dashv	-	_		├	TCLP Metals Ag As Ba (TCLP Volatiles	Cd Cr Pb Se Hg	<u> </u>			<u>Ω</u> >	LAB Order ID #	Ħ
			ğ	Yes	Yes											TCLP Semi Volatiles				_	ANALYSIS REQUEST (Circle or Specify Method No.)	er =	Š
ı			Z Z		L									_	L	TCLP Pesticides		-		,		.*	1
			ann	8	8	L	↓_	_		_	_			_	┞	RCRA Metals				- ,			목
			@	\		┝	╀	╀	Н	_	-	-	_	┞	╀	GC/MS Vol. 8280B/624 GC/MS Semi. Vol. 8270		 			≩ m O		呈
			valo	ddit		\vdash	+	┝	\vdash					╁	十	PCB's 8082/608		 			REQUEST V Method No.		١ĕ
			me	3			T	-				_		T	T	Pesticides 8081A/608					2 9		إ
			rozanne@valomet.com	F BX			上								L	BOD, TSS, pH				_			3
			13	Additional Fax Number		L	$oldsymbol{\perp}$	L					_	-	+	Moisture Content		-					AND ANALYSIS REQUEST
				8		H	+	\vdash	-		-		-	+	+	Cations (Ca, Mg, Na, I	9	1	<u></u>				l m
						H	T					-				Anions (Cl, SO4, CO3,	HCO3)	1					E
				1	1	Г	T	T	Г						L	Total Dissolved Solids		<u> </u>				1	4
				•	1	-	┿	+	_	_	_		1	1		Chlorides		i			-	1	