

NM1 - 41

MONITORING REPORT

YEAR(S):

2009

Arc Environmental

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

August 17, 2009

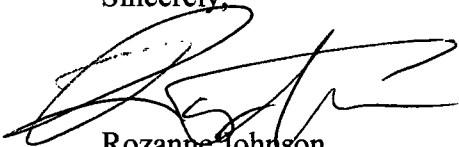
Mr. Brad Jones
NMOCD Environmental
1220 S. Saint Francis Drive
Santa Fe, New Mexico 87504

Mr. Jones,

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

Should you have any questions, please call.

Sincerely,



Rozanne Johnson
Arc Environmental, LLC

Enclosure: Copies of Analysis

Q3~2008 TPH & BTEX



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

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

Receiving Date: 09/29/08
Reporting Date: 10/01/08
Project Number: NOT GIVEN
Project Name: LAZY ACE LANDFARM
Project Location: T20S R34E SEC 22M ~ LEA COUNTY-NEW MEXICO

Sampling Date: 09/26/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/ZL

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:		09/30/08	09/30/08	09/30/08	09/30/08	09/30/08	09/30/08
H15999-1	CELL A-2	<25.0	<25.0	<0.050	<0.050	<0.050	<0.150
H15999-2	CELL A-3	<25.0	<25.0	<0.050	<0.050	<0.050	<0.150
H15999-3	CELL A-4	<25.0	<25.0	<0.050	<0.050	<0.050	<0.150
H15999-4	CELL X-1	<25.0	<25.0	<0.050	<0.050	<0.050	<0.150
Quality Control		545	480	0.052	0.048	0.048	0.157
True Value QC		500	500	0.050	0.050	0.050	0.150
% Recovery		109	96.0	104	96.0	96.0	105
Relative Percent Difference		17.6	6.0	13.5	1.6	1.0	5.5

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

TEXAS NELAP CERTIFICATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,
AND TOTAL XYLENES.


Chemist


Date

H15999 BTEX8015 LA

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 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.

Q4 2008 ~ TPH, BTEX and WQCC metals



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

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

Receiving Date: 12/23/08
Reporting Date: 01/06/09
Project Number: NOT GIVEN
Project Name: LAZY ACE LANDFARM
Project Location: T20S R34E SEC 22M ~ LEA COUNTY-NEW MEXICO

Sampling Date: 12/22/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/ZL

LAB NO.	SAMPLE ID	GRO (C ₈ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:		12/24/08	12/24/08	12/23/08	12/23/08	12/23/08	12/23/08
H16580-1	CELL A-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H16580-2	CELL A-2	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H16580-3	CELL A-3	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H16580-4	CELL A-4	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H16580-5	CELL X-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
Quality Control		449	518	0.052	0.050	0.050	0.152
True Value QC		500	500	0.050	0.050	0.050	0.150
% Recovery		89.8	104	104	100	100	101
Relative Percent Difference		4.2	7.2	1.9	2.6	<1.0	<1.0

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

TEXAS NELAP CERTIFICATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,
AND TOTAL XYLENES.


Chemist


Date

H16580 BTÉX8015 LA

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 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.



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

Receiving Date: 12/23/08
Reporting Date: 12/29/08
Project Number: NOT GIVEN
Project Name: LAZY ACE LANDFARM
Project Location: T20S R34E SEC 22M ~ LEA COUNTY-NEW MEXICO

Sampling Date: 12/22/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: TR

LAB NUMBER	SAMPLE ID	Na (mg/kg)	Ca (mg/kg)	Mg (mg/kg)	K (mg/kg)	Conductivity* (μ S/cm)	T-Alkalinity (mgCaCO ₃ /kg)
ANALYSIS DATE:		12/26/08	12/26/08	12/26/08	12/26/08	12/24/08	12/26/08
H16580-1	CELL A-1	<100	<200	<100	9.6	83.0	32
H16580-2	CELL A-2	<100	<200	<100	8.2	81.5	64
H16580-3	CELL A-3	<100	<200	<100	8.7	62.8	64
H16580-4	CELL A-4	<100	<200	<100	8.3	93.5	112
H16580-5	CELL X-1	<100	<200	<100	7.8	55.3	48
Quality Control		NR	48.1	51.0	2.79	1,421	NR
True Value QC		NR	50.0	50.0	3.00	1,413	NR
% Recovery		NR	96.2	102	93.0	101	NR
Relative Percent Difference		NR	<0.1	<0.1	0.4	0.6	NR

METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1
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		Cl	SO ₄	CO ₃	HCO ₃	pH*
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(s.u.)
ANALYSIS DATE:		12/26/08	12/26/08	12/26/08	12/26/08	12/24/08
H16580-1	CELL A-1	<16	<250	0.0	39	7.89
H16580-2	CELL A-2	<16	<250	0.0	78	7.86
H16580-3	CELL A-3	<16	<250	0.0	78	8.05
H16580-4	CELL A-4	<16	<250	0.0	137	7.88
H16580-5	CELL X-1	<16	<250	0.0	59	8.17
Quality Control		500	44.1	NR	1000	7.01
True Value QC		500	40.0	NR	1000	7.00
% Recovery		100	110	NR	100	100
Relative Percent Difference		< 0.1	1.4	NR	<0.1	0.3

METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1
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Note: Analyses performed on 1:4 aqueous extracts.

*Analyses performed on 1:1 aqueous extracts.

Chemist

Date

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

Receiving Date: 12/23/08
Reporting Date: 01/05/09
Project Number: NOT GIVEN
Project Name: LAZY ACE LANDFARM
Project Location: T20S R34E SEC 22M ~ LEA COUNTY, NM

Sampling Date: 12/22/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: JM

RCRA METALS

LAB NO.	SAMPLE ID	As mg/kg	Ag mg/kg	Ba mg/kg	Cd mg/kg	Cr mg/kg	Pb mg/kg	Hg mg/kg	Se mg/kg
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ANALYSIS DATE:	12/29/08	12/29/08	12/29/08	12/29/08	12/29/08	12/29/08	12/30/08	12/29/08	
H16580-1 CELL A-1	< 10.0	< 1.0	30.7	< 1.0	8.0	< 5.0	< 0.1	< 20.0	
H16580-2 CELL A-2	< 10.0	< 1.0	26.1	< 1.0	6.9	< 5.0	< 0.1	< 20.0	
H16580-3 CELL A-3	< 10.0	< 1.0	36.2	< 1.0	9.6	< 5.0	< 0.1	< 20.0	
H16580-4 CELL A-4	< 10.0	< 1.0	28.4	< 1.0	7.7	< 5.0	< 0.1	< 20.0	
H16580-5 CELL X-1	< 10.0	< 1.0	34.9	< 1.0	9.1	< 5.0	< 0.1	< 20.0	
Quality Control	5.08	0.53	2.51	2.63	2.59	5.24	0.0020	10.4	
True Value QC	5.00	0.50	2.50	2.50	2.50	5.00	0.0020	10.0	
% Recovery	102	106	100	105	104	105	100	104	
Relative Standard Deviation	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	

METHODS: EPA 600/4-91/010	200.7	200.7	200.7	200.7	200.7	200.7	7471A	200.7	
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Note: Analyses subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.

Chemist

Date

H16580M LAZY ACE

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 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.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #

Sampler Signature: Rozanne Johnson (575) 631-9310
rozanne@valornet.com

(Circle or Specify Method No.)

Phone Results	Yes	No
Fax Results	Yes	No Additional Fax Number:

REMARKS:

Email Results to: rozanne@valornet.com

CHECKED BY:

Cool	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Intact	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

Q1 ~ 2009 TPH & BTEX



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

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

Receiving Date: 04/01/09
Reporting Date: 04/06/09
Project Number: NOT GIVEN
Project Name: LAZE ACE LANDFARM
Project Location: T20S R34E SEC22 M ~LEA CO. NM

Sampling Date: 03/26/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: ZL

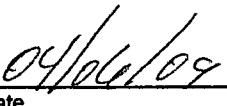
LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
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ANALYSIS DATE:	04/02/09	04/02/09	04/02/09	04/02/09	04/02/09	04/02/09
H17175-1 CELL A-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H17175-2 CELL A-2	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H17175-3 CELL A-3	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H17175-4 CELL A-4	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H17175-5 CELL X-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
Quality Control	557	554	0.049	0.049	0.048	0.149
True Value QC	500	500	0.050	0.050	0.050	0.150
% Recovery	111	111	98.0	98.0	96.0	99.3
Relative Percent Difference	3.9	9.2	<1.0	2.0	1.2	<1.0

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

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


Lab Director


Date

H17175 BTEX8015 LA

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 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.

101 East Mainland - Hobbs, New Mexico 88240
Tel (575) 393-2328
Fax (575) 393-2476

Cardinal Laboratories, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # _____

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	
BTEX 8021B/602	
TPH 8015M GRO/DRO	
TPH 418.1/TX1005	
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 Semi Volatiles	
TCLP Pesticides	
RCRA Metals	
GC/MS Vol. 8260B/624	
GC/MS Semi. Vol. 8270C/625	
PCB's 8082/608	
Pesticides 8081A/608	
BOD, TSS, pH	
Moisture Content	
Cations (Ca, Mg, Na, K)	
Anions (Cl, SO4, CO3, HCO3)	
Total Dissolved Solids	
Chlorides	
Turn Around Time ~ 24 Hours	

Company Name:

Lazy Ace Landfarm, LLC

BILL TO Company:

Lazy Ace Landfarm, LLC

PO#

Project Manager:

Danny Berry

Address:

P. O. Box 160 Eunice, New Mexico 88231

Address: (Street, City, Zip)

P. O. Box 160 Eunice, New Mexico 88231

Phone#:

(575)369-5266

Fax#:

(575)397-2267

Phone #:

(575)369-5266

Project #:

Project Name:

Lazy Ace Landfarm

Project Location:

T20S R34E Sec 22M ~ Lea County -New Mexico

Sample Signature:

Rozanne Johnson (575)831-8310

Signature

PRESERVATIVE

SAMPLING

LAB #

FIELD CODE

(G)rab or (C)omp
CONTAINERS

WATER
SOIL
AIR
SLUDGE

HCL
HNO₃
NaHSO₄
H₂SO₄

ICE (1-4oz jar)

NONE

DATE (2009)

TIME

LAB USE ONLY

Cell A-1

Cell A-2

Cell A-3

Cell A-4

Cell X-1

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Cell A-1

Cell A-2

Cell A-3

Cell A-4

Cell X-1

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Cell A-1

Cell A-2

Cell A-3

Cell A-4

Cell X-1

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Cell A-1

Cell A-2

Cell A-3

Cell A-4

Cell X-1

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Cell A-2

Cell A-3

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Cell X-1

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Cell A-1

Cell A-2

Cell A-3

Cell A-4

Q2 ~ 2009 TPH & BTEX



CARDINAL LABORATORIES

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

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

Receiving Date: 07/01/09
Reporting Date: 07/03/09
Project Number: NOT GIVEN
Project Name: LAZE ACE LANDFARM
Project Location: T20S R34E SEC22M ~LEA CO. NM

Sampling Date: 06/26/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
@ 0.5°C
Sample Received By: ML
Analyzed By: ZL/AB

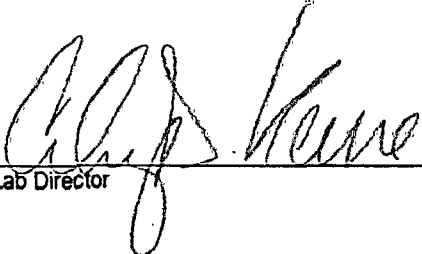
LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
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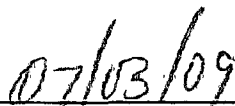
ANALYSIS DATE:	07/01/09	07/01/09	07/02/09	07/02/09	07/02/09	07/02/09
H17733-1 CELL A-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H17733-2 CELL A-2	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H17733-3 CELL A-3	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H17733-4 CELL A-4	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
H17733-5 CELL X-1	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300
Quality Control	600	591	0.058	0.057	0.059	0.172
True Value QC	500	500	0.050	0.050	0.050	0.150
% Recovery	120	118	116	114	118	115
Relative Percent Difference	9.9	7.0	5.4	5.4	5.1	4.8

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

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

Second surrogate for H17733-1 was outside historical limits due to matrix interference.


Lab Director


Date

H17733 BTEX8015 LA

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