NM1 - ____45____

MONITORING REPORT

YEAR(S):

2010 - 2011

October 20, 2011

RECEIVED OCD

NMOCD Environmental ATTN: Brad Jones 1220 South St. Francis Dr. Santa Fe, NM 87505

RE: JayDan Landfarm (NM-01-0045) Semi Annual Test Vadose & Treatment Zone Sampling

Mr. Jones:

Find enclosed the semi-annual sampling analysis for JayDan Landfarm as required.

The treatment zone samples were taken from 2 to 6 inches of surface, and the Vadose zone samples were taken from 3 to 4 feet below the treatment zone.

If you have any questions, please call.

Thanks,

LL'

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

cc: JayDan Landfarm (Danny Watson)



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

l

October 17, 2011

Eddie Seay Eddie Seay Consulting 601 W. Illinois Hobbs, NM 88242

RE: JAY DAN LAND FARM

Enclosed are the results of analyses for samples received by the laboratory on 10/11/11 9:15.

1 1 1 1

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydorcarbons

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

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Received:	10/11/2011	Sampling Date:	10/10/2011
Reported:	10/17/2011	Sampling Type:	Soil
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	JAY DAN LANDFARM	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: CELL 1 - V (H102184-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2011	ND	2.06	103	2.00	3.04	
Toluene*	<0.050	0.050	10/13/2011	ND	2.08	104	2.00	1.14	
Ethylbenzene*	<0.050	0.050	10/13/2011	ND	2.06	103	2.00	2.46	
Total Xylenes*	<0.150	0.150	10/13/2011	ND	6.25	104	6.00	1.08	
Surrogate: 4-Bromofluorobenzene (PIL	100 %	6 64.4-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM			<u>.</u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/12/2011	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: AB	1 88				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/12/2011	ND	173	86.5	200	0.679	
DRO >C10-C28	<10.0	10.0	10/12/2011	ND	167	83.4	200	0.0336	
Surrogate: 1-Chlorooctane	104 %	6 55.5-15	4						
Surrogate: 1-Chlorooctadecane	120%	6 57.6-15	8						

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*=Accredited Analyte

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Celey Di Keene

Celey D. Keene, Lab Director/Quality Manager





Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	10/11/2011	Sampling Date:	10/10/2011
Reported:	10/17/2011	Sampling Type:	Soil
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	JAY DAN LANDFARM	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: CELL 2 - V (H102184-02)

BTEX 80218	mg/	kg	Anałyze	d By: AP			<u> </u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2011	ND	2.06	103	2.00	3.04	
Toluene*	<0.050	0.050	10/13/2011	ND	2.08	104	2.00	1.14	•
Ethylbenzene*	<0.050	0.050	10/13/2011	ND	2.06	103	2.00	2.46	
Total Xylenes*	<0.150	0.150	10/13/2011	ND	6.25	104	6.00	1.08	
Surrogate: 4-Bromofluorobenzene (PIL	98.8	% 64.4-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: HM					<u>.</u> .	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/12/2011	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/12/2011	ND	173	86.5	200	0.679	
DRO >C10-C28	<10.0	10.0	10/12/2011	ND	167	83.4	200	0.0336	
Surrogate: 1-Chlorooctane	97.1	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	1139	% 57.6-15	8						

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Celuz Di Kuna

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 8



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	10/11/2011	Sampling Date:	10/10/2011
Reported:	10/17/2011	Sampling Type:	Soil
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	JAY DAN LANDFARM	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: CELL 3 - V (H102184-03)

BTEX 8021B	mg/kg		Anatyze	d By: AP			<u></u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Vatue QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2011	ND	2.06	103	2.00	3.04	
Toluene*	<0.050	0.050	10/13/2011	ND	2.08	104	2.00	1.14	
Ethylbenzene*	<0.050	0.050	10/13/2011	ND	2.06	103	2.00	2. 46	
Total Xylenes*	<0.150	0.150	10/13/2011	ND	6.25	104	6.00	1.08	
Surrogate: 4-Bromofluorobenzene (PIL	98.3	% 64.4-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/12/2011	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/12/2011	ND	173	86.5	200	0.679	
DRO >C10-C28	<10.0	10.0	10/12/2011	ND	167	83.4	200	0.0336	
Surrogate: 1-Chlorooctane	99.2	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	1169	% 57.6-15	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	10/11/2011	Sampling Date:	10/10/2011
Reported:	10/17/2011	Sampling Type:	Soil
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	JAY DAN LANDFARM	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: CELL 1 - T (H102184-04)

Chioride, SM4500CI-B	mg/	mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/12/2011	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	10/12/2011	ND	173	86.5	200	0.679	
DRO >C10-C28	1410	50.0	10/12/2011	ND	167	83.4	200	0.0336	
Surrogate: 1-Chlorooctane	1179	% 55.5-15	4	·····					
Surrogate: 1-Chlorooctadecane	126 9	57.6-15	8						

Sample ID: CELL 2 - T (H102184-05)

Chloride, SM4500CFB	mg/	kg	Anałyze	d B y: HM		<u></u>	·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/12/2011	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	10/13/2011	ND	173	86.5	200	0.679	
DRO >C10-C28	160	50.0	10/13/2011	ND	167	83.4	200	0.0336	
Surrogate: 1-Chlorooctane	108 9	% 55.5-15	4		u L				
Surrogate: 1-Chlorooctadecane	1129	6 57.6-15	8						

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 7 of 8

April 29, 2011

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RECEIVED OCD

NMOCD Environmental ATTN: Brad Jones 1220 South St. Francis Dr. Santa Fe, NM 87505

RE: JayDan Landfarm (NM-01-0045) Semi Annual Test Vadose & Treatment Zone Sampling

Mr. Hansen:

Find enclosed the semi-annual sampling analysis for JayDan Landfarm as required.

The treatment zone samples were taken from 2 to 6 inches of surface, and the Vadose zone samples were taken from 3 to 4 feet below the treatment zone.

If you have any questions, please call.

Thanks,

D. W

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

cc: JayDan Landfarm (Danny Watson)



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April 19, 2011

Eddie Seay Eddie Seay Consulting 601 W. Illinois Hobbs, NM 88242

RE: JAY DAN LAND FARM

Enclosed are the results of analyses for samples received by the laboratory on 04/13/11 14:15.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydorcarbons

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Kune

Celey D. Keene Lab Director/Quality Manager



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	04/13/2011	Sampling Date:	04/13/2011
Reported:	04/19/2011	Sampling Type:	Soil
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	JAY DAN LANDFARM	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: CELL 1 - T (H100748-01)

Chloride, SM4500CI-8	mg,	/kg	Analyze	d By: HM					<u></u>
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride .	16.0	16.0	04/14/2011	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: AB	.				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/16/2011	ND	209	104	200	1.98	
DRO >C10-C28	500	10.0	04/16/2011	ND	207	103	200	6.74	
Surrogate: 1-Chlorooctane	99.0	% 70-130)						
Surrogate: 1-Chlorooctadecane	98.2	% 70-130)						

Sample ID: CELL 2 - T (H100748-02)

Chioride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2011	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/16/2011	ND	209	104	200	1.98	
DRO >C10-C28	449	10.0	04/16/2011	ND	207	103	200	6.74	
Surrogate: 1-Chlorooctane	104	% 70-130	,					· · ·	
Surrogate: 1-Chlorooctadecane	105	% 70-130)						

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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	04/13/2011	Sampling Date:	04/13/2011
Reported:	04/19/2011	Sampling Type:	Soil
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	JAY DAN LANDFARM	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: CELL 3 - T (H100748-03)

Chloride, SM4500Cl-8	mg	/kg	Analyze	d Bý: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/14/2011	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	13.7	10.0	04/16/2011	ND	209	104	200	1.98	
DRO >C10-C28	1550	10.0	04/16/2011	ND	207	103	200	6.74	
Surrogate: 1-Chlorooctane	96.1	% 70-130	1					<u></u>	
Surrogate: 1-Chlorooctadecane	93.8	% 70-130	I						

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PLEASE NOTE: Liability and Damages. Cardinal's liability and cleant's exclusive remedy for any claim arbing, whether based in contract or bort, shall be limited to the amount paid by client for analyses. All claims, including those for magingence and any other cause whethere whethere whethere whethere and the applicable service. In no event shall Cardinal be lable for incidential or consequential damages, including, without limitation, business interruptions, less of use, or loss of profile incurred by Cardinal within theiry (30) days after completion of the applicable service. In no event shall Cardinal be lable for incidential or consequential damages, including, without limitation, business interruptions, less of use, or loss of profile incurred by Cardinal, incidenties, affiliaties, affiliaties, affiliaties or successions arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such climits based downes attoind reservices. Results relate only to the services identified above. This report wild not be expredied accept in full will willion approval of Cardinal Liboratories.

Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	04/13/2011	Sampling Date:	04/13/2011
Reported:	04/19/2011	Sampling Type:	Soil
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	JAY DAN LANDFARM	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: CELL 1 - V (H100748-04)

BTEX 8021B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2011	ND	2.21	110	2.00	8.32	
Toluene*	<0.050	0.050	04/19/2011	ND	2.20	110	2.00	8.69	
Ethylbenzene*	<0.050	0.050	04/19/2011	ND	2.22	111	2.00	8.23	
Total Xylenes*	<0.150	0.150	04/19/2011	ND	6.56	109	6.00	8.25	
Surrogate: 4-Bromofluorobenzene (PIL	91.2	% 70-130)						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chioride	<16.0	16.0	04/14/2011	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/16/2011	ND	209	104	200	1. 9 8	
DRO >C10-C28	12.7	10.0	04/16/2011	ND	207	103	200	6.74	
Surrogate: 1-Chlorooctane	97.5	% 70-130)						
Surrogate: 1-Chlorooctadecane	96.8	% 70-130)				•		

Cardinal Laboratories

*=Accredited Analyte

REASE NOTE: Liability and Damages. Cardinal's liability and claimt's exclusive nemedy for any claim analys, whither based in contract or bort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any offer cases which exclusives that be deemed waited unders made in writing and received by Cardinal within thiny (30) days after completion of the oppicable service. In no event shall Cardinal be labels for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profile incurred by Cardinal wateries, efficiences or substitutes, affiliates or substitutes, affiliates or substitutes, arbitropical or consequential cases of the service stated recompletion of the service stated recompletion of the service stated recompletion or other stated recompletions, loss of uses, or loss of profile incurred by Cardinal tables and stateries, affiliates or substitutes arbitroproved of Cardinal Libration, business interruptions, Results relate only to the service identified above. This report shall not be expressed except in full with within approved of Cardinal Libration.

Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	04/13/2011	Sampling Date:	04/13/2011
Reported:	04/19/2011	Sampling Type:	Soil
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	JAY DAN LANDFARM	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: CELL 2 - V (H100748-05)

BTEX 8021B	mg,	/kg	Anałyze	d By: CMS			- <u></u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2011	ND	2.21	110	2.00	8.32	
Toluene*	<0.050	0.050	04/19/2011	ND	2.20	110	2.00	8.69	
Ethylbenzene*	<0.050	0.050	04/19/2011	ND	2.22	111	2.00	8.23	
Total Xylenes*	<0.150	0.150	04/19/2011	ND	6.56	109	6.00	8.25	
Surrogate: 4-Bromofluorobenzene (PIL	97.1	% 70-130)						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/14/2011	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	8 5	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/16/2011	ND	209	104	200	1.98	
DRO >C10-C28	18.5	10.0	04/16/2011	ND	207	103	200	6.74	
Surrogate: 1-Chlorooctane	96.5	% 70-130							
Surrogate: 1-Chlorooctadecane	95.8	% 70-130	1						

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Celez D. Kana

Celey D. Keene, Lab Director/Quality Manager



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	04/13/2011	Sampling Date:	04/13/2011
Reported:	04/19/2011	Sampling Type:	Soil
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	JAY DAN LANDFARM	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: CELL 3 - V (H100748-06)

BTEX 8021B	mg/	/kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2011	ND	2.21	110	2.00	8.32	
Toluene*	<0.050	0.050	04/18/2011	ND	2.20	110	2.00	8.69	
Ethylbenzene*	<0.050	0.050	04/18/2011	ND	2.22	. 111	2.00	8.23	
Total Xylenes*	<0.150	0.150	04/18/2011	ND	6.56	109	6.00	8.25	
Surrogate: 4-Bromofluorobenzene (PIL	92.8	% 70-130)						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/14/2011	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: AB			· · · · · · · · · · · · · · · · · · ·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/16/2011	ND	209	104	200	1.98	
DRO >C10-C28	<10.0	10.0	04/16/2011	ND	207	103	200	6.74	•
Surrogate: 1-Chlorooctane	106	% 70-130)						
Surrogate: 1-Chlorooctadecane	107 9	% 70-130)						

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

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Received:	04/13/2011	Sampling Date:	04/13/2011
Reported:	04/19/2011	Sampling Type:	Water
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	JAY DAN LANDFARM	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: JD - WW #1 (H100748-07)

Chloride, SM4500CI-B	mg,	/L	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	4.00	04/14/2011	ND	104	104 [·]	100	0.00	
TPH 8015M	mg/L		Analyzed By: AB						
Anaiyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<1.00	1.00	04/19/2011	ND	25.7	103	25.0	1.46	
DRO >C10-C28	<1.00	1.00	04/19/2011	ND	25.4	102	25.0	4.47	
Surrogate: 1-Chlorooctane	117	% 70-130	I					· · · ·	
Surrogate: 1-Chlorooctadecane	117	% 70-130	1						

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Celey D.Keine

Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

Z-01	Surrogates above historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Kena

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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	101 East Marland, H (575) 393-2326 FAX																					
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Phone #: 2 · 2231 Fax #: 2 · 6949			Ad	Address													1					
Project #: 50	y Day LF	Project Owne	r: 7	5.	wit	300	Ci	ty:	an .													
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September 8, 2010

PERECEIVEDOOCD

2010 SEP 13 A 8: 29

NMOCD Environmental ATTN: Edward Hansen 1220 South St. Francis Dr. Santa Fe, NM 87505

RE: JayDan Landfarm (NM-01-0045) Semi Annual Vadose & Treatment Zone Sampling

Mr. Hansen:

Find enclosed the semi-annual sampling analysis for JayDan Landfarm as required.

There was one sample in cell 2 that showed elevated TPH. I do not know what the problem was. I have resampled this cell and the results are attached. We will compare with next sampling event.

Should you have any questions, please call.

Thanks,

\$

Zeli W_

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

cc: JayDan Landfarm

August 23, 2010

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Eddie Seay Eddie Seay Consulting 601 W. Illinois Hobbs, NM 88242

RE: JAY DAN LAND FARM

Enclosed are the results of analyses for samples received by the laboratory on 08/17/10 8:50.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydorcarbons

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D.Keine

Celey D. Keene For Nick Fullerton Owner

Analytical Results For:

Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	08/17/2010	Sampling Date:	08/16/2010
Reported:	08/23/2010	Sampling Type:	Soil
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	JAY DAN LF	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: CELL 1-T (H020656-01)

4

Chloride, SM4500Cl-B mg/kg Analyzed By: HM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 64.0 16.0 08/18/2010 ND 448 112 400 3.64 TPH 8015M mg/kg Analyzed By: AB Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier GRO C6-C10 <10.0 10.0 08/17/2010 ND 169 84.7 200 1.68 DRO >C10-C28 401 08/17/2010 200 10.0 ND 165 82.3 2.36 Surrogate 1-Chlorooctane 93.7% 70-130 Surrogate I-Chlorooctadecane 70-130 116%

Sample ID: CELL 2-T (H020656-02)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/18/2010	ND	448	112	400	3.64		
TPH 8015M	mg/kg		Analyzed By: AB						S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<50.0	50.0	08/17/2010	ND	169	84.7	200	1.68		
DRO >C10-C28	1950	50.0	08/17/2010	ND	165	82.3	200	2.36		
Surrogate: 1-Chlorooctane	179	% 70-130	*							
Surrogate. 1-Chlorooctadecane	20 3	% 70-130								

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Celey D. Keene For Nick Fullerton, Owner

Page 2 of 9

Analytical Results For:

Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	08/17/2010	Sampling Date:	08/16/2010
Reported:	08/23/2010	Sampling Type:	Soil
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	JAY DAN LF	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: CELL 3-T (H020656-03)

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/18/2010	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/17/2010	ND	169	84.7	200	1.68	
DRO >C10-C28	1590	10.0	08/17/2010	ND	165	82.3	200	2.36	
Surrogate. 1-Chlorooctane	98.2	% 70-130							
Surrogate: 1-Chlorooctadecane	86.3	% 70-130	I						

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Celey D. Keene For Nick Fullerton, Owner

Analytical Results For:

Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	08/17/2010	Sampling Date:	,	08/16/2010
Reported:	08/23/2010	Sampling Type:		Soil
Project Name:	JAY DAN LAND FARM	Sampling Condition:		Cool & Intact
Project Number:	JAY DAN LF	Sample Received By:		Jodi Henson
Project Location:	W. LOVINGTON			

Sample ID: CELL 1-V (H020656-04)

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BTEX 8021B	mg/	'kg	Analyze	d By: ZL					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2010	ND	1.11	111	1.00	3.12	
Toluene*	<0.050	0.050	08/23/2010	ND	0.907	90.7	1.00	6.95	
Ethylbenzene*	<0.050	0.050	08/23/2010	ND	0.900	90.0	1.00	1.93	
Total Xylenes*	<0.150	0.150	08/23/2010	ND	3.16	105	3.00	2.99	
Surrogate 4-Bromofluorobenzene (PIL 86.9%									
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/18/2010	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/17/2010	ND	169	84.7	200	1.68	
DRO >C10-C28	<10.0	10.0	08/17/2010	ND	165	82.3	200	2.36	
Surrogate [•] 1-Chlorooctane	104 % 70-130		、						
Surrogate. 1-Chlorooctadecane	106 9	% 70-130							

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Celey D. Keene For Nick Fullerton, Owner

Page 4 of 9,...

Analytical Results For:

Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	08/17/2010	Sampling Date:	08/16/2010
Reported:	08/23/2010	Sampling Type:	Soil
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	JAY DAN LF	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: CELL 2-V (H020656-05)

BTEX 8021B	mg/	'kg	Analyze	d By: ZL					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2010	ND	1.11	111	1.00	3.12	
Toluene*	<0.050	0.050	08/18/2010	ND	0.907	90.7	1.00	6.95	
Ethylbenzene*	<0.050	0.050	08/18/2010	ND	0.900	90.0	1.00	1 .93	
Total Xylenes*	<0.150 0.150		08/18/2010	ND	3.16	105	3.00	2.99	
Surrogate. 4-Bromofluorobenzene (PIL	99.3	% 80-120)						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					_
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/18/2010	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2010	ND	169	84.7	200	1.68	
DRO >C10-C28	454	10.0	10.0 08/18/2010		165	82.3	200	2.36	
Surrogate: 1-Chlorooctane	-Chlorooctane 93.0 % 70-13)						
Surrogate 1-Chlorooctadecane	986	% 70-130)						

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Celey D.Kune

Celey D. Keene For Nick Fullerton, Owner

Analytical Results For:

Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	08/17/2010	Sampling Date:	08/16/2010
Reported:	08/23/2010	Sampling Type:	Soil
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	JAY DAN LF	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: CELL 3-V (H020656-06)

BTEX 8021B	mg/l	۹	Analyze	d By: ZL					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2010	ND	1.11	111	1.00	3.12	
Toluene*	<0.050	0.050	08/18/2010	ND	0.907	90.7	1.00	6.95	
Ethylbenzene*	<0.050	0.050	08/18/2010	ND	0.900	90.0	1.00	1.93	
Total Xylenes*	<0.150	0.150	08/18/2010	ND	3.16	105	3.00	2.99	
Surrogate: 4-Bromofluorobenzene (PIL	112%	6 80-120							
Chloride, SM4500CI-B	mg/l	g	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/18/2010	ND	448	112	400	3.64	
TPH 8015M	mg/l	(g	Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2010	ND	169	84.7	200	1.68	
DRO >C10-C28	<10.0	10.0	08/18/2010	ND	165	82.3	200	2.36	
Surrogate: 1-Chlorooctane	105 %	5 70-130						·····	
Surrogate [•] 1-Chlorooctadecane	111%	5 70-130							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim ansing, whether based in contract or tort, shall be limited to the amount paid by chert for analyses. All claims, including those for negligence and any other Guese whitsoever shall be detended welved unless made in writing and received by Cardinal within thirty (32) days after completion of the applicable service. In no event shall Cardinal be liable for incidential domages, including, whiteher based is subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims 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 Liborationes.

Celey D. Keine

Celey D. Keene For Nick Fullerton, Owner

Analytical Results For:

Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	08/17/2010	Sampling Date:	08/16/2010
Reported:	08/23/2010	Sampling Type:	Water
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	JAY DAN LF	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: JD - WW #1 (H020656-07)

Chloride, SM4500Cl-B	mg/	L	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	52.0	4.00	08/17/2010	ND	108	108	100	0.00	
TPH 8015M	mg/	L	Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<1.00	1.00	08/18/2010	ND	19.9	79.6	25.0	2.48	
DRO >C10-C28	<1.00	1.00	08/18/2010	ND	19.3	77.4	25.0	28.3	
Surrogate 1-Chlorooctane	99 7	% 70-130	·						
Surrogate: 1-Chlorooctadecane	102 9	% 70-130							

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*=Accredited Analyte

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Celey D. Keene For Nick Fullerton, Owner

Page 7 of 9

YSIS REQUEST

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	101 East Marland, Hobbs, NM 88 (505) 393-2326 FAX (505) 393-2																					
Company Name		5 4	ÙØ		0_					_	-		-	-				ANA	LYSIS	RE	QUE	ST
Project Manage	Eddie Sam				1			Р.С) <i>.</i> #:													
Address: 60	1 W Illinois				•			Co	mpa	ny:												
City: Hob	State: NM	Zip	: (38	24	12		Att	n: o	ρ												
Phone #: 39	2.2236 Fax #: 39	<u>2</u> .	6	14	19			Ad	dre€	∌∖	^											
Project #: 🏹 👞	LE Project Owne	r: T,).	كمذ	at	5 91)		Cit	<u>y: `</u>	5	4	γ_{\bullet}										
Project Name:	Joy Dan Land Form		5	<u>a</u> n	<u>h i</u>	-	بمأ	Sta	ate:			lp:			ડ							1
Project Locatio	1: W. Low mater							Ph	one	#:					10						ļ	
Sampler Name:	Ellie Soan							Fa	x #:						6	g						Ì
FOR LAB USE ONLY		<u> </u>			M/	ATRI	(r	PRE	SER	Ч	SAMPLI	NG	X	\sim							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER ·	ACID/BASE:	ICE / COOL	UI HEK :	DATE	TIME	BTE	PdL	Carlor						
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	nd Damages. Cardinal's liability and client's exclusive remedy for a ng those for negligence and any other cause whatsoever shall be														ble							

affiliates or successors ansing 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

Relinquished By: Date: Q Received By: Phone Result: Dy Yes No Add'I Phone #:	
Ω Δ \/) Fax Result: □ Yes □ No Add'I Fax #:	
Time: 9.50	
Relinquished By: Date: Received By:	
FRUE KEININA	
Delivered By: (Circle One) Sample Condition CHECKED BY:	
Sampler - UPS - Bus - Other: 450 Cool Intact (Unitials)	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Celey D.Kune

Celey D. Keene For Nick Fullerton, Owner

Page 8 of 9 💭

September 01, 2010

Eddie Seay Eddie Seay Consulting 601 W. Illinois Hobbs, NM 88242 Ke Text

RE: JAY DAN LAND FARM

Enclosed are the results of analyses for samples received by the laboratory on 08/31/10 8:45.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021Benzene, Toluene, Ethyl Benzene, and Total XylenesMethod SW-846 8260Benzene, Toluene, Ethyl Benzene, and Total XylenesMethod TX 1005Total Petroleum Hydorcarbons

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene For Nick Fullerton Owner

Analytical Results For:

Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	08/31/2010	Sampling Date:	08/30/2010
Reported:	09/01/2010	Sampling Type:	Soil
Project Name:	JAY DAN LAND FARM	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	W. LOVINGTON		

Sample ID: CELL 2-V (H020766-01)

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BTEX 8021B	mg/l	(g	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2010	ND	2630	105	2500	0.792	
Toluene*	<0.050	0.050	08/31/2010	ND	2460	98.4	2500	0.106	
Ethylbenzene*	<0.050	0.050	08/31/2010	ND	2580	103	2500	0.543	
Total Xylenes*	<0.150	0.150	08/31/2010	ND	7640	102	7500	1.20	
Surrogate 4-Bromofluorobenzene (PIL	104 %	80-120							
Chloride, SM4500Cl-B	mg/i	g	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/31/2010	ND	448	112	400	0.00	
TPH 8015M	mg/kg		Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/31/2010	ND	163	81.7	200	2.10	
DRO >C10-C28	<10.0	10.0	08/31/2010	ND	181	90.7	200	4.83	
Surrogate: 1-Chlorooctane	77.1 %	6 70-130							
Surrogate 1-Chlorooctadecane	88.3 %	6 70-130							

Cardinal Laboratories

*=Accredited Analyte

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Celuy D.t Sune

Celey D. Keene For Nick Fullerton, Owner

Rage 2 of 4



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's lability and client's exclusive remedy for any daim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, inducing those for negligence and any other cause whatsoever shall be limited to the amount paid by client for analyses. All claims, inducing those for negligence and any other cause whatsoever shall be limited to the amount paid by client for analyses. All claims, inducing those for negligence and any other cause whatsoever shall be limited to the amount paid by client for analyses. All claims, inducing 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 incordental or consequential damages, inducing, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidianes, affiniates or successors ansing out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims 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 Laboratones.

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Celey D.Kune

Celey D. Keene For Nick Fullerton, Owner

Page 3 of 4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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+ Cardinal	cannot accept verb	al changes. Pleas	e fax	wri	tter				5-39	3-24	476														
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February 24, 2010

RÉCEIVED 2010 MAR 1 PM 1 46

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NMOCD Environmental ATTN: Edward Hansen 1220 South St. Francis Dr. Santa Fe, NM 87505

RE: JayDan Landfarm (NM-01-0045) Semi Annual Sampling

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Mr. Hansen:

Find enclosed the semi-annual sampling at JayDan Landfarm. Both the treatment zone and Vadose zone was analyzed. The Vadose zone sampling was taken at a depth of approximately four feet below the cell lift and sample holes backfilled with bentonite clay.

Should you have any questions, please call.

Sincerely,

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Eddie W. Seay, Agent Eddie Seay Consulting 601 W. Illinois Hobbs, NM 88242 575-392-2236 Seay04@leaco.net

cc: JayDan Landfarm

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February 18, 2010

Eddie Seay Eddie Seay Consulting 601 West Illinois Hobbs, NM 88242

Re: Jay Dan Landfarm

Enclosed are the results of analyses for sample number H19243, received by the laboratory on 02/10/10 at 11:15 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

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

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

Method EPA 552.2 Method EPA 524.2 Method EPA 524.2

Haloacetic Acids (HAA-5) Total Trihalomethanes (TTHM) Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely, line

Čeley D. Keene Laboratory Director



ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88242 FAX TO: (575) 392-6949

Receiving Date: 02/10/10 Reporting Date: 02/15/10 Project Owner: D. WATSON Project Name: JAY DAN LANDFARM Project Location: W. LOVINGTON Sampling Date: 02/09/10 Sample Type: SOIL Sample Condition: COOL & INTACT @ 5.5°C Sample Received By: JH Analyzed By: ZL

LAB NUMBER	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DA	TE	02/17/10	02/17/10	02/17/10	02/17/10
H19243-4	CELL 1-V	< 0.050	<0.050	<0.050	<0.300
H19243-5	CELL 2-V	< 0.050	<0.050	<0.050	<0.300
H19243-6	CELL 3-V	<0.050	<0.050	<0.050	<0.300
Quality Control	<u> </u>	0.044	0.046	0.044	0.128
True Value QC		0.050	0.050	0.050	0.150
% Recovery		88.0	92.0	88.0	85.3
Relative Percer	nt Difference	<1.0	<1.0	1.0	1.2
METHOD, ED	A CINI 946 9021 D				

METHOD: EPA SW-846 8021B

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

Directo

z/18/10



ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88242 FAX TO: (575) 392-6949

Receiving Date: 02/10/10 Reporting Date: 02/15/10 Project Owner: D. WATSON Project Name: JAY DAN LANDFARM Project Location: W. LOVINGTON Sampling Date: 02/09/10 Sample Type: SOIL Sample Condition: COOL & INTACT @ 5.5°C Sample Received By: JH Analyzed By: AB/HM

	GRO	DRO	
	(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	CI*
LAB NUMBER SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)
ANALYSIS DATE	02/12/10	02/12/10	02/10/10
H19243-1 CELL 1-T	<10.0	1,710	128
H19243-2** CELL 2-T	<10.0	494	320
H19243-3 CELL 3-T	<10.0	2,140	112
H19243-4 CELL 1-V	<10.0	<10.0	< 16
H19243-5 CELL 2-V	<10.0	<10.0	16
H19243-6 CELL 3-V	<10.0	<10.0	< 16
Quality Control	584	469	500
True Value QC	500	500	500
% Recovery	117	93.8	100
Relative Percent Difference	2.5	1.0	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Std. Methods 4500-CFB *Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight. **TPH second surrogate outside historical limits due to matrix interference. Not accredited for GRO/DRO and Chloride.

Keine ab Directo

oz /18/10

Date

H19243 TCL SEAY

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 subsidianes, affiliates or successors ansing out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88242 FAX TO: (575) 392-6949

Receiving Date: 02/10/10 Reporting Date: 02/15/10 Project Owner: D. WATSON Project Name: JAY DAN LANDFARM Project Location: W. LOVINGTON Sampling Date: 02/09/10 Sample Type: WATER Sample Condition: COOL & INTACT @ 5.5°C Sample Received By: JH Analyzed By: AB/HM

	GRO	DRO	
	(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	CI
LAB NUMBER SAMPLE ID	(mg/L)	(mg/L)	(mg/L)
ANALYSIS DATE	02/11/10	02/11/10	02/10/10
H19243-7 JD WW #1	<1.00	<1.00	48
Quality Control	526	510	500
True Value QC	500	500	500
% Recovery	105	102	100
Relative Percent Difference	0.8	<0.1	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Std. Methods 4500-CIFB

Not accredited for GRO/DRO and Chloride.

Date

H19243 TCL SEAY

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 relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratones ARDINAL LABORATORIES

	101 East Marland, Hobbs, NM 88240)																:	
	(575) 393-2326 Fax (575) 393-24				_										Page	of	!		
Company Name	Eddia Sean Con	لى ك	Log_	BILL TO					ANALYSIS REQUEST										
Project Manager	Edic Som		V	P.O. #:														·	
	Address: 601 w Illinois						Company:												
City: Habbe State: My Zip: 88242					n:														
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		(G)RAB OF # CONTAIL	GROUND WASTEW SOIL OIL SLUDGE	OTHE	ACID/B/ ICE / CC OTHER	D	ATE	TIME	G	-	\mathcal{O}								
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† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

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