NM1 - 23

MONITORING REPORT

YEAR(S):

2015-2016___

J&L LANDFARM INC

PECERCED OCO

PO BOX 356 HOBES NM 83241

2816 AUC 24 P 3: 02

8/17/2016

Oil Conservation Division – NMOCD 1120 South ST. Francis Drive Santa Fe, NM 87505 ATTN: Brad Jones

Dear Mr. Jones

Attached are the Second Quarter Analytical Testing on the Vadose zone required for all active cells at J&L Landfarm Inc. Cells tested were 33, 40, 41, 42, 43, 44, 45, 46, 47, 49 and 51. Sample points are designated on the attached map. Please contact us if you have any questions. Thank you and have a great day!!

Judy Roberts

Owner

Michelle Kuhn

Office/Landfarm Operations Mgr J&L Landfarm inc 575-631-5766

	Depth	Chloride		TI	РН	ВТ	EX	DRO	GRO
l (date): Wa l (date):	iting on Ba	ckground A	pproval						
(uate).		RL	Results	RL	Results	RL	Results	Results	Results
		0				DENIE			
7/5/2016	3ft	16	<16.0	16	<16.0	0.3	<0.300	<10.0	<10.0
						-			
7/5/2016	3ft	16	<16.0	16	<16.0	0.3	<0.300	<10.0	<10.0
7/5/2016	3ft	16	<16.0	16	<16.0	0.3	<0.300	<10.0	<10.0
7/5/2016	3ft	16	<16.0	16	<16.0	0.3	<0.300	<10.0	<10.0
		Para							
7/5/2016	3ft	16	<16.0	16	<16.0	0.3	<0.300	<10.0	<10.0
7/5/2016	3ft	16	<16.0	16	<16.0	0.3	<0.300	<10.0	<10.0
						Part I			
7/5/2016	3ft	16	<16.0	16	<16.0	0.3	<0.300	<10.0	<10.0
7/5/2016	3ft	16	<16.0	16	<16.0	0.3	<0.300	<10.0	<10.0
						UT PAR			
7/5/2016	3ft	16	<16.0	16	<16.0	0.3	<0.300	<10.0	<10.0
7/5/2016	3ft	16	<16.0	16	<16.0	0.3	<0.300	<10.0	<10.0
	7/5/2016 7/5/2016 7/5/2016 7/5/2016 7/5/2016 7/5/2016 7/5/2016	7/5/2016 3ft 7/5/2016 3ft	7/5/2016 3ft 16 7/5/2016 3ft 16	RL Results 7/5/2016 3ft 16 <16.0	RL Results RL 7/5/2016 3ft 16 <16.0	RL Results RL Results 7/5/2016 3ft 16 <16.0	RL Results RL Results RL 7/5/2016 3ft 16 <16.0	RL Results RL Results RL Results 7/5/2016 3ft 16 <16.0	RL Results RL Results RL Results RL Results Results

Sample	Date	Depth	Chlo	oride	ТІ	РН	ВТ	EX	DRO	GRO
Backgroun			G.M.							
Backgroun										
			RL	Results	RL	Results	RL	Results	Results	Results
Cell #			Sept. 14							
51	7/5/2016	3ft	16	<16.0		<16.0		<0.300	<10.0	<10.0
Cell #					100					
Cell #										
Cell #										
cen n										
Cell#					THE 71 IS					
Cell#										
- " "			Aber 10							
Cell #										
Cell#										
Cell#										
Cell #										



X-designates sample points 23'



July 14, 2016

JUDY ROBERTS

J & L LANDFARM INC

8301 EUNICE HWY

HOBBS, NM 88240

RE: VADOSE 2ND Q

Enclosed are the results of analyses for samples received by the laboratory on 07/07/16 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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. 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



J & L LANDFARM INC JUDY ROBERTS 8301 EUNICE HWY HOBBS NM, 88240 Fax To: NA

Received:

07/07/2016

Reported:

07/14/2016

Project Name: Project Number: VADOSE 2ND Q NONE GIVEN

Project Location:

LEA COUNTY, NM

Sampling Date:

07/05/2016

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: CELL #33 (H601526-01)

BTEX 80218	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/08/2016	ND	1.99	99.5	2.00	0.129	
Toluene*	<0.050	0.050	07/08/2016	ND	2.04	102	2.00	0.862	
Ethylbenzene*	<0.050	0.050	07/08/2016	ND	1.96	98.2	2.00	0.914	
Total Xylenes*	<0.150	0.150	07/08/2016	ND	5.93	98.8	6.00	0.0424	
Total BTEX	<0.300	0.300	07/08/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	100 %	6 73.6-14	0						
Chloride, SM4500Cl-B	mg/	(g	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/08/2016	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	07/11/2016	ND	173	86.7	200	2.02	
DRO >C10-C28	<10.0	10.0	07/11/2016	ND	177	88.5	200	1.15	
Surrogate: 1-Chlorooctane	82.5 %	6 35-147	,						
Surrogate: 1-Chlorooctadecane	84.7 %	6 28-171							

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*=Accredited Analyte

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Celey D. Keene



J & L LANDFARM INC JUDY ROBERTS 8301 EUNICE HWY HOBBS NM, 88240 Fax To: NA

Received:

07/07/2016

Reported:

07/14/2016 VADOSE 2ND Q

Project Name: Project Number:

NONE GIVEN

Project Location:

LEA COUNTY, NM

Sampling Date:

07/05/2016

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: CELL #40 (H601526-02)

BTEX 80218	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	07/08/2016	ND	1.99	99.5	2.00	0.129	
Toluene*	<0.050	0.050	07/08/2016	ND	2.04	102	2.00	0.862	
Ethylbenzene*	<0.050	0.050	07/08/2016	ND	1.96	98.2	2.00	0.914	
Total Xylenes*	<0.150	0.150	07/08/2016	ND	5.93	98.8	6.00	0.0424	
Total BTEX	<0.300	0.300	07/08/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIE	99.6	% 73.6-14	0						
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	07/08/2016	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	07/11/2016	ND	173	86.7	200	2.02	
DRO >C10-C28	<10.0	10.0	07/11/2016	ND	177	88.5	200	1.15	
Surrogate: 1-Chlorooctane	66.9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	64.0	% 28-171							

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*=Accredited Analyte

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Celey & Keene



J & L LANDFARM INC JUDY ROBERTS 8301 EUNICE HWY HOBBS NM, 88240 Fax To: NA

Received:

07/07/2016

Reported:

07/14/2016 VADOSE 2ND

Project Name: Project Number: VADOSE 2ND Q NONE GIVEN

Project Location:

LEA COUNTY, NM

Sampling Date:

07/05/2016

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: CELL #41 (H601526-03)

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	07/08/2016	ND	1.99	99.5	2.00	0.129	
Toluene*	<0.050	0.050	07/08/2016	ND	2.04	102	2.00	0.862	
Ethylbenzene*	<0.050	0.050	07/08/2016	ND	1.96	98.2	2.00	0.914	
Totai Xylenes*	<0.150	0.150	07/08/2016	ND	5.93	98.8	6.00	0.0424	
Total BTEX	<0.300	ò.300	07/08/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 %	6 73.6-14	0			-			
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	07/08/2016	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	07/11/2016	ND	173	86.7	200	2.02	
DRO >C10-C28	<10.0	10.0	07/11/2016	ND	177	88.5	200	1.15	
Surrogate: 1-Chlorooctane	75.8 9	% 35-147	•						
Surrogate: 1-Chlorooctadecane	80.69	% 28-171							

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*=Accredited Analyte

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Celeg D. Keens



J & L LANDFARM INC JUDY ROBERTS 8301 EUNICE HWY HOBBS NM, 88240 Fax To: NA

Received:

07/07/2016

Reported:

07/14/2016 VADOSE 2ND (

Project Name: Project Number: VADOSE 2ND Q NONE GIVEN

Project Location:

LEA COUNTY, NM

Sampling Date:

07/05/2016

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By: Jodi Henson

Sample ID: CELL #42 (H601526-04)

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	07/08/2016	ND	1.99	99.5	2.00	0.129	
Toluene*	< 0.050	0.050	07/08/2016	ND	2.04	102	2.00	0.862	
Ethylbenzene*	< 0.050	0.050	07/08/2016	ND	1.96	98.2	2.00	0.914	
Total Xylenes*	<0.150	0.150	07/08/2016	ND	5.93	98.8	6.00	0.0424	
Total BTEX	<0.300	0.300	07/08/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 %	6 73.6-14	0						
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	07/08/2016	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	07/11/2016	ND	173	86.7	200	2.02	
DRO >C10-C28	<10.0	10.0	07/11/2016	ND	177	88.5	200	1.15	
Surrogate: 1-Chlorooctane	73.8 9	% 35-147	,,,,,,						
Surrogate: 1-Chlorooctadecane	76.79	% 28-171							

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Celeg & Keine



J & L LANDFARM INC JUDY ROBERTS 8301 EUNICE HWY HOBBS NM, 88240 Fax To: NA

Received: Reported: 07/07/2016

07/14/2016

Project Name: Project Number: VADOSE 2ND Q NONE GIVEN

Project Location:

LEA COUNTY, NM

Sampling Date:

07/05/2016

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: CELL #43 (H601526-05)

BTEX 8021B	mg/	kg	Anatyze	d By: MS					
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/08/2016	ND	1.99	99.5	2.00	0.129	
Toluene*	<0.050	0.050	07/08/2016	ND	2.04	102	2.00	0.862	
Ethylbenzene*	<0.050	0.050	07/08/2016	ND	1.96	98.2	2.00	0.914	
Total Xylenes*	<0.150	0.150	07/08/2016	ND	5.93	98.8	6.00	0.0424	
Total BTEX	<0.300	0.300	07/08/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	100 %	6 73.6-14	o			•			
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	07/08/2016	ND	400	100	400	3.92	
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	07/11/2016	ND	173	86.7	200	2.02	
DRO >C10-C28	<10.0	10.0	07/11/2016	ND	177	88.5	200	1.15	
Surrogate: I-Chlorooctane	72.2 9	% 35-147	,						
Surrogate: I-Chlorooctadecane	78.1 9	% 28-171							

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Celey D. Keens



J & L LANDFARM INC JUDY ROBERTS 8301 EUNICE HWY HOBBS NM, 88240 Fax To: NA

Received:

07/07/2016

Reported:

07/14/2016 VADOSE 2ND Q

Project Name: Project Number:

NONE GIVEN

Project Location:

LEA COUNTY, NM

Sampling Date:

07/05/2016

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By: Jodi Henson

Sample ID: CELL #44 (H601526-06)

BTEX 8021B	mg/	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/08/2016	ND	1.99	99.5	2.00	0.129	
Toluene*	<0.050	0.050	07/08/2016	ND	2.04	102	2.00	0.862	
Ethylbenzene*	< 0.050	0.050	07/08/2016	ND	1.96	98.2	2.00	0.914	
Total Xylenes*	< 0.150	0.150	07/08/2016	ND	5.93	98.8	6.00	0.0424	
Total BTEX	<0.300	0.300	07/08/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 9	6 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chtoride	<16.0	16.0	07/08/2016	ND	, 400	100	400	3.92	
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	07/11/2016	ND	173	86.7	200	2.02	
DRO >C10-C28	<10.0	10.0	07/11/2016	ND	177	88.5	200	1.15	
Surrogate: 1-Chlorooctane	82.3	% 35-147							
Surrogate: 1-Chlorooctadecane	86.5	% 28-17 <i>1</i>							

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*=Accredited Analyte

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Celly D. Kura



J & L LANDFARM INC JUDY ROBERTS 8301 EUNICE HWY HOBBS NM, 88240 Fax To: NA

Received: Reported: 07/07/2016

07/14/2016

Project Name: Project Number: VADOSE 2ND Q NONE GIVEN

Project Location:

LEA COUNTY, NM

Sampling Date:

07/05/2016

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: CELL #45 (H601526-07)

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	07/08/2016	ND	1.99	99.5	2.00	0.129	
Toluene*	<0.050	0.050	07/08/2016	ND	2.04	102	2.00	0.862	
Ethylbenzene*	<0.050	0.050	07/08/2016	ND	1.96	98.2	2.00	0.914	
Total Xylenes*	<0.150	0.150	07/08/2016	ND	5.93	98.8	6.00	0.0424	
Total BTEX	<0.300	0.300	07/08/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.15	% 73.6-14	o						
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	07/08/2016	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	07/11/2016	ND	173	86.7	200	2.02	
DRO >C10-C28	<10.0	10.0	07/11/2016	ND	177	88.5	200	1.15	
Surrogate: I-Chlorooctane	81.5	% 35-147							
Surrogate: 1-Chlorooctadecane	83.49	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

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Celeg & Keens



J & L LANDFARM INC JUDY ROBERTS 8301 EUNICE HWY HOBBS NM, 88240 Fax To: NA

Received:

07/07/2016

Reported:

07/14/2016

Project Name: Project Number: VADOSE 2ND Q NONE GIVEN

Project Location:

LEA COUNTY, NM

Sampling Date:

07/05/2016

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: CELL #46 (H601526-08)

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	07/12/2016	ND	1.85	92.6	2.00	2.46	
Toluene*	<0.050	0.050	07/12/2016	ND	1.96	98.1	2.00	1.84	
Ethylbenzene*	< 0.050	0.050	07/12/2016	ND	1.89	94.6	2.00	2.47	
Total Xylenes*	<0.150	0.150	07/12/2016	ND	5.71	95.2	6.00	1.70	
Total BTEX	<0.300	0.300	07/12/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 %	6 73.6-14	0						
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	07/08/2016	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	07/12/2016	ND	173	86.7	200	2.02	
DRO >C10-C28	<10.0	10.0	07/12/2016	ND	177	88.5	20 0	1.15	
Surrogate: 1-Chlorooctane	78.2 5	% 35-147	,						
Surrogate: I-Chlorooctadecane	85.2 9	% 28-171							

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Celeg D. Krene



J & L LANDFARM INC JUDY ROBERTS 8301 EUNICE HWY HOBBS NM, 88240 Fax To: NA

Received: Reported: 07/07/2016

07/14/2016

Project Name: Project Number: VADOSE 2ND Q NONE GIVEN

Project Location:

LEA COUNTY, NM

Sampling Date:

07/05/2016

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: CELL #47 (H601526-09)

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	07/12/2016	ND	1.85	92.6	2.00	2.46	
Toluene*	< 0.050	0.050	07/12/2016	ND	1.96	98.1	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/12/2016	ND	1.89	94.6	2.00	2.47	
Total Xylenes*	<0.150	0.150	07/12/2016	ND	5.71	95.2	6.00	1.70	
Total BTEX	<0.300	0.300	07/12/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL)	102 5	6 73.6-14	0						
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	07/08/2016	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	07/12/2016	ND	173	86.7	200	2.02	
DRO >C10-C28	<10.0	10.0	07/12/2016	ND	177	88.5	200	1.15	
Surrogate: 1-Chlorooctane	66.2	% 35-147							
Surrogate: 1-Chlorooctadecane	58.65	% 28-171							

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Received:

07/07/2016

Reported:

07/14/2016

Project Name: Project Number: VADOSE 2ND Q NONE GIVEN

Project Location:

LEA COUNTY, NM

Sampling Date:

07/05/2016

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: CELL #49 (H601526-10)

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	07/12/2016	ND	1.85	92.6	2.00	2.46	
Toluene*	< 0.050	0.050	07/12/2016	ND	1.96	98.1	2.00	1.84	
Ethylbenzene*	< 0.050	0.050	07/12/2016	ND	1.89	94 .6	2.00	2.47	
Total Xylenes*	<0.150	0.150	07/12/2016	ND	5.71	9 5.2	6.00	1.70	
Total BTEX	<0.300	0.300	07/12/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 %	6 73.6-14	0						
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	07/08/2016	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	07/12/2016	ND	173	86.7	200	2.02	
DRO >C10-C28	<10.0	10.0	07/12/2016	ND	177	88.5	200	1.15	
Surrogate: 1-Chlorooctane	75.3 9	6 35-147							
Surrogate: 1-Chlorooctadecane	77.6 9	6 28-171							

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J & L LANDFARM INC JUDY ROBERTS 8301 EUNICE HWY HOBBS NM, 88240 Fax To: NA

Received:

07/07/2016

Reported:

07/14/2016 VADOSE 2ND Q

Project Name: Project Number:

NONE GIVEN

Project Location:

LEA COUNTY, NM

Sampling Date:

07/05/2016

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By: Jodi Henson

Sample ID: CELL #51 (H601526-11)

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	07/12/2016	ND	1.85	92.6	2.00	2.46	
Toluene*	<0.050	0.050	07/12/2016	ND	1.96	98.1	2.00	1.84	
Ethylbenzene*	< 0.050	0.050	07/12/2016	ND	1.89	94.6	2.00	2.47	
Total Xylenes*	< 0.150	0.150	07/12/2016	ND	5.71	95.2	6.00	1.70	
Total BTEX	<0.300	0.300	07/12/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	1019	6 73.6-14	0						
Chloride, SM4500Cl-8	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16,0	16.0	07/08/2016	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	07/12/2016	ND	173	86.7	200	2.02	
DRO >C10-C28	<10,0	10.0	07/12/2016	ND	177	88.5	200	1.15	
Surrogate: 1-Chlorooctane	71.49	% 35-147							-
Surrogate: I-Chlorooctadecane	76.79	% 28-171	•						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celey D. Keine-



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name: Ju L Landtarm	BILL TO SEE	ANALYSIS REQUEST							
Project Manager:	P.O. #:								
Address:	Company:								
City: State: Zip:	Attn:								
Phone #: Fax #:	Address:								
	City:								
Project Name: VOOOSE 2nd R	State: Zip:								
Project Location: Lea County, NM	Phone #:								
Sampler Name: Michelle Kith	Fax #:								
Lab I.D. Sample I.D. HOUSH 42 COLUMNATERS OUL SOIL SOIL	PRESERV SAMPLING OTHER: OTHE								
PLEASE NOTE: Liability and Dismigers. Cardinalis lability and cleants' crotisates remedy for any clean ensuing whether based in contract or lon, shall be levised to the amount one by the clean for the analyses. All cleans including those for negligence and any other cause whatsoever shall be deemed wered unless made in writing and received by Cardinal within 10 days after completion of the applicable									
Sampler - UPS - Bus - Other: Services in no event shall Cardinal be lable for excelerated to consequential dearinges, including without firmation, business interruptions, and the services are accordance and the performance of services be returned by Cardinal reparations of whether such dates. Relinquished By: Times: Delivered By: (Circle One) Sampler - UPS - Bus - Other: Sampler - UPS - Bus - Other:	tons of use, or loss of profits incurred by chert. Its substances, is based upon any of the above stated reasons or otherwise. Phone Result:	iAdd'i Phone #: Add'i Fax #:							



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name: Ja L Landtarm	BILL TO ANALYSIS REQUEST							
Project Manager:	P.O. #:							
Address:	Company:							
City: State: Zip:	Attn:							
Phone #: Fax #:	Address:							
Project #: Project Owner:	City:							
Project Name:	State: Zip:							
Project Location:	Phone #:							
Sampler Name: Miphelle Kuhn	Fax #:							
FOR TABRES OF COOMP. THOUSAGE OF COUNTY AND THE STREET AND THE ST	PRESERV. SAMPLING OTHER: OTHE	TATE OF THE STATE						
PLEASE NOTE: Lamblety and Damagne. Contended Rebility and client's exclasive remedy for any client arrang whether based in contract or tort, shall be trained to the emount paid by the client for the applicable sealings. All clients instituting those for incligation and any other course whatboovers their be designed wheeld unless makes in writing and received by Cardenal within 30 days after completion of the applicable search. In no everyal shall Cardenal be Ratio to renderman for consequential damagnes, includingly submit it institutions, loss of the up, or loss of prints instituted by client, for substances are consequential client angers, includingly submit it institutions, loss of the up, or loss of prints instituted by client, for substances are consequential client angers, including without its institution and consequential client and consequential consequential consequences.								
Relinguished By:	Phone Ri Fax Resu							
Muchelli Kun 1 1 40 Wall.	Kenson REMARK							
Relinquished By: Date: Received By:	,							
Time:		•						
Delivered By: (Circle One) Sample Condition CHECKED BY:								
Sampler - UPS - Bus - Other:								
4 Cardinal counts accent verbal changes Discon for written changes to (ETE) 207-226								