

Laboratories

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

JUN 0 3 2014

Analytical Results For:

HOBBS OCD

LINN OPERATING-HOBBS **BRIAN WALL** 2130 W. BENDER

RECEIVED

05/08/2014

05/09/2014

NONE GIVEN

ANGEL RANCH

CAPROCK MALJAMAR UNITS

HOBBS NM, 88240 Fax To: (575) 738-1740

613/14 MTG

Sampling Date: Sampling Type: Sampling Condition: Sample Received By: 05/08/2014 Soil Cool & Intact Jodi Henson

Sample ID: 2 G 3 CMU #89 (H401396-09)

Received:

Reported:

Project Name:

Project Number:

Project Location:

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	05/09/2014	ND	2.37	119	2.00	0.0531	
Toluene*	< 0.050	0.050	05/09/2014	ND	2.38	119	2.00	0.125	
Ethylbenzene*	< 0.050	0.050	05/09/2014	ND	2.24	112	2.00	0.819	
Total Xylenes*	<0.150	0.150	05/09/2014	ND	6.91	115	6.00	0.228	
Total BTEX	<0.300	0.300	05/09/2014	ND					
Surrogate: Dibromofluoromethane	95.4	% 61.3-14	2						
Surrogate: Toluene-d8	109 9	71.3-12	9						
Surrogate: 4-Bromofluorobenzene	98.1	% 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	32.0	16.0	05/09/2014	ND	416	104	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	05/09/2014	ND	189	94.3	200	6.97	
DRO >C10-C28	14.1	10.0	05/09/2014	ND	204	102	200	14.0	
Surrogate: 1-Chlorooctane	105 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	106 9	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 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



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240 Fax To: (575) 738-1740

Received:	05/08/2014	Sampling Date:	05/08/2014
Reported:	05/09/2014	Sampling Type:	Soil
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	ANGEL RANCH		

Sample ID: 2 G 4 CMU #89 (H401396-10)

BTEX 8260B	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	05/09/2014	ND	2.37	119	2.00	0.0531	
Toluene*	< 0.050	0.050	05/09/2014	ND	2.38	119	2.00	0.125	
Ethylbenzene*	< 0.050	0.050	05/09/2014	ND	2.24	112	2.00	0.819	
Total Xylenes*	<0.150	0.150	05/09/2014	ND	6.91	115	6.00	0.228	
Total BTEX	<0.300	0.300	05/09/2014	ND					
Surrogate: Dibromofluoromethane	93.1	% 61.3-14	2						
Surrogate: Toluene-d8	106	71.3-12	9						
Surrogate: 4-Bromofluorobenzene	95.5	% 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	80.0	16.0	05/09/2014	ND	416	104	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	05/09/2014	ND	189	94.3	200	6.97	
DRO >C10-C28	<10.0	10.0	05/09/2014	ND	204	102	200	14.0	
Surrogate: 1-Chlorooctane	104 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	108 9	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 client, its vacinal 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 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 claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Done #89



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

Analytical Results For:

LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240 Fax To: (575) 738-1740

HOBBS OCD

MAY 07 2014

RECEIVED

Received:	03/18/2014	Sampling Date:	03/18/2014
Reported:	03/19/2014	Sampling Type:	Soil
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	ANGEL RANCH		

Sample ID: P1 CMU #89 (H400820-01)

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	03/19/2014	ND	2.39	119	2.00	3.72	
Toluene*	<0.050	0.050	03/19/2014	ND	2.30	115	2.00	4.96	
Ethylbenzene*	< 0.050	0.050	03/19/2014	ND	2.27	114	2.00	6.01	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	6.62	110	6.00	6.80	
Total BTEX	<0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 9	89.4-12	6			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	368	16.0	03/19/2014	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	03/19/2014	ND	222	111	200	1.06	
DRO >C10-C28	<10.0	10.0	03/19/2014	ND	212	106	200	0.464	
Surrogate: 1-Chlorooctane	115 9	65.2-14	0	1.					
Surrogate: 1-Chlorooctadecane	117 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clent'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 wheted unless made in writing and received by claims (and 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 subdilatives, affiliates or successors arising aut 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



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

Analytical Results For:

LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240 Fax To: (575) 738-1740

Received:	03/18/2014	Sampling Date:	03/18/2014
Reported:	03/19/2014	Sampling Type:	Soil
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	ANGEL RANCH		

Sample ID: P2 CMU #89 (H400820-02)

BTEX 8021B	mg	/kg	Analyze	d By: MS					5
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	03/19/2014	ND	2.39	119	2.00	3.72	
Toluene*	<0.050	0.050	03/19/2014	ND	2.30	115	2.00	4.96	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	2.27	114	2.00	6.01	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	6.62	110	6.00	6.80	
Total BTEX	<0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103	% 89.4-12	6	5-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1					
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP			*		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/19/2014	ND	416	104	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	03/19/2014	ND	222	111	200	1.06	
DRO >C10-C28	13.5	10.0	03/19/2014	ND	212	106	200	0.464	
Surrogate: 1-Chlorooctane	88.5	65.2-14	0						
Surrogate: 1-Chlorooctadecane	99.4	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 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



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240 Fax To: (575) 738-1740

Received:	03/18/2014	Sampling Date:	03/18/2014
Reported:	03/19/2014	Sampling Type:	Soil
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	ANGEL RANCH		

Sample ID: P3 CMU #89 (H400820-03)

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	03/19/2014	ND	2.39	119	2.00	3.72	
Toluene*	<0.050	0.050	03/19/2014	ND	2.30	115	2.00	4.96	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	2.27	114	2.00	6.01	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	6.62	110	6.00	6.80	
Total BTEX	<0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 %	6 89.4-12	б						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/19/2014	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	03/19/2014	ND	222	111	200	1.06	
DRO >C10-C28	14.6	10.0	03/19/2014	ND	212	106	200	0.464	
Surrogate: 1-Chlorooctane	98.5 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	108 %	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240 Fax To: (575) 738-1740

Received:	03/18/2014	Sampling Date:	03/18/2014
Reported:	03/19/2014	Sampling Type:	Soil
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	ANGEL RANCH		

Sample ID: P4 CMU #89 (H400820-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS			the second second		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	03/19/2014	ND	2.39	119	2.00	3.72	
Toluene*	<0.050	0.050	03/19/2014	ND	2.30	115	2.00	4.96	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	2.27	114	2.00	6.01	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	6.62	110	6.00	6.80	
Total BTEX	<0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 89.4-12	5						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	352	16.0	03/19/2014	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	03/19/2014	ND	222	111	200	1.06	
DRO >C10-C28	20,5	10.0	03/19/2014	ND	212	106	200	0.464	
Surrogate: 1-Chlorooctane	117 9	65.2-140)						
Surrogate: 1-Chlorooctadecane	122 9	63.6-154	1						

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 D. Keine

Celey D. Keene, Lab Director/Quality Manager



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240 Fax To: (575) 738-1740

Received:	03/18/2014	Sampling Date:	03/18/2014
Reported:	03/19/2014	Sampling Type:	Soil
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	ANGEL RANCH		

Sample ID: P5 CMU #89 (H400820-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS			4.		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	03/19/2014	ND	2.39	119	2.00	3.72	
Toluene*	<0.050	0.050	03/19/2014	ND	2.30	115	2.00	4.96	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	2.27	114	2.00	6.01	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	6.62	110	6.00	6.80	
Total BTEX	<0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 %	89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP	-			75	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/19/2014	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	03/19/2014	ND	222	111	200	1.06	
DRO >C10-C28	13.4	10.0	03/19/2014	ND	212	106	200	0.464	
Surrogate: 1-Chlorooctane	101 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	110 %	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim artising, 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 wahed 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 profils 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



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240 Fax To: (575) 738-1740

Received:	03/18/2014	Sampling Date:	03/18/2014
Reported:	03/19/2014	Sampling Type:	Soil
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	ANGEL RANCH		

Sample ID: P6 CMU #89 (H400820-06)

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	03/19/2014	ND	2.39	119	2.00	3.72	
Toluene*	<0.050	0.050	03/19/2014	ND	2.30	115	2.00	4.96	
Ethylbenzene*	< 0.050	0.050	03/19/2014	ND	2.27	114	2.00	6.01	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	6.62	110	6.00	6.80	
Total BTEX	< 0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 %	6 89.4-12	6	A. Bar					
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP	H.		1.5		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	03/19/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms	3.5				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/19/2014	ND	222	111	200	1.06	
GRO CO-CIU			03/19/2014	ND	212	106	200	0.464	

Surrogate: 1-Chlorooctadecane 108 % 63.6-154

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 auch 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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Project Manager: FRE / WE Address: 5727E / WE S City: He 665 Phone #: 946-395-3308 Project #: Project Mame: Ca PROCK / Project Location: CMU // Sampler Name: DV 577 // Progect Location: CMU // Sample Lab I.D. Sample Lab I.D. Sample // Lab I.D. Sample // P 2 CMU // P 2 CMU // P 2 CMU //	Part States N.M States N.M Fax #: Project Owner: MAL; PMANN NGE/ Ran NGE/ Ran Segg S B9 B9 B9 B9 B9 B9 B9 B9 B9 B9 B9 B9 B9	COMP. CO	P.O. #: Company: L'111 Address: 2.130 w City: Hobbs State: N.M. Zip: B Phone #: 575-73 Fax #: Phone #: 575-73 Fax #: Phone #: 575-73 Phone #: 575-73 Fax #: Phone #: 575-73 Phone #: 575-73 Fax #:		XL& S Hd_ S	72 5	
Hebbs Hebbs et #: 946-395 et #: et #: et #: et Location: CA Mer Name: Ca PA et Location: CA New Name: Ca PA b LD. b LD. b LD. b LD. c P 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2	State: N.M. : State: N.M. : Fax #: Project Owmer: M.M. C. P. M.M.M. N.G. C. M.M.M.M. N.G. C. M.M.M. N.G. C. M.M.M. N.G. C. M.M.M. N.G. C. M.M. I. S. C. M. S. M. S	SC SAGUNDWAGE SC SAGUNDWAGE SC SATAWATERAW SIOS SAGUND SATAWATERAW SIOS SAGUND SATAWATERAW SIOS SAGUND SAGUNDWAGE SAGUNDUAGE SAGUNDWAGE SAGUNDUAGE SAGUNDUAGE SAGUNDUAGUNDUAGE SAGUNDUAGE SAGUNDUAGUNDUAGE SAGUNDUAGUNDUAGUNDUAGE SAGUN			XL8 M Hd L	72 5	
Hobbs et #: 946-395 et #: et Rame: Ca.PM et Location: CA Mane: Du b I.D. b I.D. b I.D. DDB/D b I.D. C P 2 C	State: N.M. ; Fax #: Project Owner: NGC/ Rand R. NGC/ Rand R. NGC/ Rand R. NGC/ Rand R. Segge S. Seg	ABTAWGNUORS RETAWATER JIOS 7 JIOS 7 JIO			XL8 M	72 5	
Project #: 946-395-33 o Project Name: CaPROCK Project Location: CMU Sampler Name: Dv57Y POR Lab L.D. Samp Lab L.D. Samp HUDCH1D P1 CMU 2 P2 CMU	Fax #: Project Owner: MGE/ Ran A Segg S I.D. 89 89 89	ABTAWGNUOSS ABTAWATZAW JIOS JIOS JIO			XL8 Hd L D	72 5	
Project #: Project Location: CAU Sampler Name: Ca PROCK Sampler Name: Du 577 Proruo use on v Prostua use on v Samp Lab I.D. Samp Lab I.D. Samp Lab I.D. Samp P 2 CAU C P 2 CAU	Project Owner. VAL: AMAN Seges Seges 89 89 89	N N N N N N N N N N N N N N N N N N N	In a final second		XL8 M Hd I	72 5	
C C C	MA(;A) ANGE/ Begg. 6 1.D. # 89 # 89	NATAWGNUNGAS RETAWETRAW JIOS JIOS JIO	and the second s		XL8 M	72 5	
54 2 5 6 C	10 2000 10 10 10 10 10 10 10 10 10 10 10 10	ABTAWONUOSÓ ABTAWETZAW JIOZ JIOZ JIO	a second se		XL8 A Hd L	72 5	
P220	Seess ble I.D. # 89 # 89 # 89		and the second s		XL8 A Hd I	72 5	
P20 P20 P20 P20	01e I.D. # 89 # 89	RECOUNDINERS RECOUNDINATER MATAX SECOUNDINER MATAX MATAX MATAX		NG TIME 7:25 7:35	XL8 A	72 5	
P220	16 I.D. # 89 # 89	# CONTAINERS @ROUNDWATER WASTEWATER SOIL OIL	OTHER : ACID/BASE: CTHER : OTHER :	TIME 13:25	XL8 A	72 5	
PICMU PICMU PICMU PICMU	# 89 # 89 # 89	이미 이		TIME 7:25 7:35	P S	2	
PICMU PICMU PICMU PYCMU	# 89 # 89 # 89			-14 8:25	2	1	
P2 P2 P5	# 89 # 89	<u> </u>		2:50	1		
P30	# 89	21	-	2:35	1 1	1	
PSG	4 09	1			1	5	
PSG			0 H	07:5	1	2	
	# 39	61 1		esit.	2	2	
10 P 6 CMV	#89	8		Na: 6	7	2	
PLEASE NOTE: Labitity and Damages. Cardinate labitity and clerifs evoluates inmedy for any clein and evolves. All claims immediating those for cargigneries and other care withdowers with the derand value concentrational cardinate be labite to includent and values cardinates including without limit.	If any other sectative temedy for any claim aris is any other cause whatpoever shall be deemed waits tal or consequential damages, including without find		ing whether benead in central full that while to the amount paid by the client for the most unless made in writing and releved by Canadian within all other amount paid by the client for the within business material most writing and the solution of the application within business interrutations, loss of laws, lowes of positivity incurrent by elected the table submissions.	art paid by the client for the ys after completion of the a ed by client, its subsidiaries	epitracte	_	-
affaates or successors ariang out of or related to the peri Relinguith hed By:	erformance of vervices hereunder by Cardin		is based upon any of the above state	Phone Result	It: 0 Yes	N	Add'I Phone #:
Wulder By:	Time:	appended by: A	Lendon	REMARKS:		Mansey ?!!	dusty. boggs C jd King Lorp. com PREdransey III @ gmail. Com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	4.1°	Sample Condition Cool Intact	tion CHECKED BY:	1		Lust!!	i.H

+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-1428, CA

Page 15 of 16

Sampler - UPS	Relinquished By Relinquished By	PLEASE NOTE: Liability and t analyses. All claims including t service. In no event shall Card affiliales or successors arising	6	S	h	N	N		Lab I.D.	FOR LAB USE ONLY	Project Location: Sampler Name:	Project Name:	Project #:	e #	city: Hoe	Address: 574	Project Manager:	Company Name:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	1. 1. 1.	ability and Damages. Cardinat's Eability and c including those for negligence and any othe shall Cardinal be lable for incidental or com ore analog out of or related to the performance	PECNUT	P SCAU #	P40	P3	P2 CAU \$	PICMU #	Sample I.D.		DUSTY J	Project Name: CaPRock +		940-395-3308		14	Fred ,	" Viper	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	abora	ARD
4.20	Time:	sent's exclusive remetly for any r cause whatsoever shall be dee requental damages, including w a of services hereunder by Cass	68	687	28	29	89	<i>b</i> 8	ļ,	00	Rears	NWW W 'NWW	Project Owner: Linn	Fax #:	State: NA Zip:	R.V. Brk	Ram sex		Hobbs, NM 882 X (575) 393-247	tori	DINAL
10	Recen	10 F S O	8	9	8	9	5	9	(G)RAB OR (C)OMP # CONTAINERS		Kanet		ン			M			6	D	F
Coo Sam	Received By: Received By:	5 5 5 2							GROUNDWATER WASTEWATER			100.75	NIN		89241	36				01	
Sample Condition Cool Intact Pres Pres	S	based in contri- rade in writing a ess interruption wither such clair	 	5	1	5	5	5	SOIL OIL SLUDGE	MATRIX					14						
tition	ler	istract or tort, shall be finated to the air g and received by Catdinal within 30 ions, loss of use, or loss of profils incu sam is based upon any of the shove s					-		OTHER : ACID/BASE:	PR	Phone Fax #:	State	City:	Addre	Attn:	Comp	P.O. #:		REC	MAY 0 7 2014	HOB
CHECK	40	all be timuled to by Cardinal w , or less of pr son any of the	1	5	5	5	5	2	ICE / COOL OTHER :	PRESERV.	e#:57	N.M.	city: Hobbs	\$5:21	Brian	Company: L'MM	R.	BI	RECEIVED	0721	HOBBS OCD
A B	X	8 3 8 0	11 11	11 11	10 H	1. 11	11 11	3-18-	DATE	SAMPLING	Phone #:575-738-1739 Fax #:	State: N.M. Zip: 89241	59	Address: 2130 W. Bender	Attn: Brian wall	111		ILL TO	0	014	B
	-	y clent a	 9:00	2.5	2:4	\$	3:	14 2	TIME	LING	-17	1420		Bend	11	officiation		Y		H	
	KS:	by the client for the completion of the applicable ient, its subaidiaries, sons or otherwise.	3	5	0	5	1 C	25 1	TPH		62			es.	1	¥				UN-O	
		licable	2	1	1	2	1	5	BTX							1				F-CL	
0	y.hog		2	5	5	5	1	1	CL											ISTO	
Rush!!	sey 7.																_	Z		DY A	
HG	dd'l Fax									-							-	ANALYSIS		NDA	
- 1	King Ma			-													-			INAL	
t de	Lachiansey III @ gmail. com																	REQUEST	22	SISA	
	Rediansey 711 @ gmail. com					-										-		T		REC	
	N				-					-							_			CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	-
																				H	

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-1429. A

89

Page 15 of 16

OCD



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240 Fax To: (575) 738-1740

Received:	03/18/2014	Sampling Date:	03/18/2014
Reported:	03/19/2014	Sampling Type:	Soil
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	ANGEL RANCH		

Sample ID: P1 CMU #89 (H400820-01)

BTEX 8021B	mg/	'kg	Analyze	d By: MS				31 8	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2014	ND	2.39	119	2.00	3.72	
Toluene*	<0.050	0.050	03/19/2014	ND	2.30	115	2.00	4.96	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	2.27	114	2.00	6.01	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	6.62	110	6.00	6.80	
Total BTEX	< 0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP				A. S. S.	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	03/19/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms			Sec. 1	14.21	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/19/2014	ND	222	111	200	1.06	
DRO >C10-C28	<10.0	10.0	03/19/2014	ND	212	106	200	0.464	
Surrogate: 1-Chlorooctane	115 %	65.2-14	0		4 - C				12.15.14
Surrogate: 1-Chlorooctadecane	117 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240 Fax To: (575) 738-1740

Received:	03/18/2014	Sampling Date:	03/18/2014
Reported:	03/19/2014	Sampling Type:	Soil
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	ANGEL RANCH		

Sample ID: P2 CMU #89 (H400820-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS			and the second		-
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2014	ND	2.39	119	2.00	3.72	
Toluene*	<0.050	0.050	03/19/2014	ND	2.30	115	2.00	4.96	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	2.27	114	2.00	6.01	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	6.62	110	6.00	6.80	
Total BTEX	<0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 89.4-12	6	1.18		in a starte	Se a Martin	1.200	5 S. 15
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP			alter The	and the	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/19/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms			1.1.1	See Al	P. S. S.
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/19/2014	ND	222	111	200	1.06	
DRO >C10-C28	13.5	10.0	03/19/2014	ND	212	106	200	0.464	
Surrogate: 1-Chlorooctane	88.5	% 65.2-14	0					19.1	
Surrogate: 1-Chlorooctadecane	99.4	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Lability 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 oxuse 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. Keene

Celey D. Keene, Lab Director/Quality Manager



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER **HOBBS NM, 88240** Fax To: (575) 738-1740

Received:	03/18/2014	Sampling Date:	03/18/2014
Reported:	03/19/2014	Sampling Type:	Soil
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	ANGEL RANCH		

Sample ID: P3 CMU #89 (H400820-03)

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	03/19/2014	ND	2.39	119	2.00	3.72	
Toluene*	<0.050	0.050	03/19/2014	ND	2.30	115	2.00	4.96	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	2.27	114	2.00	6.01	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	6,62	110	6.00	6.80	
Total BTEX	<0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105	% 89.4-12	6	2.1					
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/19/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms			1. S.	1	and a star
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/19/2014	ND	222	111	200	1.06	
DRO >C10-C28	14.6	10.0	03/19/2014	ND	212	106	200	0.464	
Surrogate: 1-Chlorooctane	98.5	% 65.2-14	0						19
Surrogate: 1-Chlorooctadecane	108	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.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240 Fax To: (575) 738-1740

Received:	03/18/2014	Sampling Date:	03/18/2014
Reported:	03/19/2014	Sampling Type:	Soil
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	ANGEL RANCH		

Sample ID: P4 CMU #89 (H400820-04)

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	03/19/2014	ND	2.39	119	2.00	3.72	
Toluene*	<0.050	0.050	03/19/2014	ND	2.30	115	2.00	4.96	
Ethylbenzene*	< 0.050	0.050	03/19/2014	ND	2.27	114	2.00	6.01	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	6.62	110	6.00	6.80	
Total BTEX	<0.300	0.300	03/19/2014	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	352	16.0	03/19/2014	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	03/19/2014	ND	222	111	200	1.06	
DRO >C10-C28	20.5	10.0	03/19/2014	ND	212	106	200	0.464	
Surrogate: 1-Chlorooctane	117 9	65.2-14	0					1.1	
Surrogate: 1-Chlorooctadecane	122	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim artising, 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 incidential 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



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240 Fax To: (575) 738-1740

Received:	03/18/2014	Sampling Date:	03/18/2014
Reported:	03/19/2014	Sampling Type:	Soil
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	ANGEL RANCH		

Sample ID: P5 CMU #89 (H400820-05)

BTEX 8021B	mg	/kg	Analyze	d By: MS				2	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	< 0.050	0.050	03/19/2014	ND	2.39	119	2.00	3.72	
Toluene*	<0.050	0.050	03/19/2014	ND	2.30	115	2.00	4.96	
Ethylbenzene*	< 0.050	0.050	03/19/2014	ND	2.27	114	2.00	6.01	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	6.62	110	6.00	6.80	
Total BTEX	<0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorohenzene (PIL	104	% 89.4-12	6					£	5.8
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP	2. 		1.14.21.14	. Any	<u> </u>
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/19/2014	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	03/19/2014	ND	222	111	200	1.06	
DRO >C10-C28	13.4	10.0	03/19/2014	ND	212	106	200	0.464	
Surrogate: 1-Chlorooctane	101 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 clent's exclusive remedy for any claim artising, 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 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



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240 Fax To: (575) 738-1740

Received:	03/18/2014	Sampling Date:	03/18/2014	
Reported:	03/19/2014	Sampling Type:	Soil	
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact	
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson	
Project Location:	ANGEL RANCH			

Sample ID: P6 CMU #89 (H400820-06)

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	03/19/2014	ND	2.39	119	2.00	3.72	
Toluene*	<0.050	0.050	03/19/2014	ND	2.30	115	2.00	4.96	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	2.27	114	2.00	6.01	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	6.62	110	6.00	6.80	
Total BTEX	<0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 9	% 89.4-12	б						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	Result	Reporting Limit	Analyzed 03/19/2014	Method Blank	BS 416	% Recovery	True Value QC 400	RPD 0.00	Qualifier
Chloride		16.0	03/19/2014						Qualifier
Analyte Chloride TPH 8015M Analyte	592	16.0	03/19/2014	ND					Qualifier
Chloride TPH 8015M	592 mg/	16.0 /kg	03/19/2014 Analyze	ND d By: ms	416	104	400	0.00	

Surrogate: 1-Chlorooctadecane 108 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEXER NOTE: Liability and Damages. Cardinal's liability and clent'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, foss 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

Celey D. Keene, Lab Director/Quality Manager

OCD



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

April 04, 2014

2

BRIAN WALL LINN OPERATING-HOBBS 2130 W. BENDER HOBBS, NM 88240

RE: CAPROCK MALJAMAR UNITS

Enclosed are the results of analyses for samples received by the laboratory on 04/03/14 9:45.

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 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.

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 Lab Director/Quality Manager

HOBBS OCD APR 07 2014

£ 89

RECEIVED

CARDINAL

Con ?

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

Analytical Results For:

LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240 Fax To: (575) 738-1740

HOBBS OCD	HO	B	BS	OCD
-----------	----	---	----	-----

APR 07 2014

RECEIVED

Received:	04/03/2014	Sampling Date:	04/03/2014	
Reported:	04/04/2014	Sampling Type:	Soil	
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact	
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson	
Project Location:	ANGEL RANCH			

Sample ID: 1-1 CMU #89 (H400990-01)

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	04/03/2014	ND	2.59	129	2.00	1.32	
Toluene*	<0.050	0.050	04/03/2014	ND	2.50	125	2.00	0.955	
Ethylbenzene*	< 0.050	0.050	04/03/2014	ND	2.47	124	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/03/2014	ND	7.08	118	6.00	0.890	
Total BTEX	<0.300	0.300	04/03/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	117 %	6 89.4-12	6	North Com					
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP	127				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/04/2014	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms	22.2		1.11.10		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/03/2014	ND	194	97.1	200	0.486	
DRO >C10-C28	45.6	10.0	04/03/2014	ND	207	104	200	5.18	
Surrogate: 1-Chlorooctane	126 %	65.2-14	0	A MARINE					
Surrogate: 1-Chlorooctadecane	118 %	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clent's exclusive remedy for any cleim artsing, whether based in contract or tort, shall be limited to the amount paid by clent for analyses. All cleims, including those for negligence and any other cause whitesever shall be deemed walved unless made in writing and received by cleimt, if a 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 cleimt, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such dam's based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This reproduced except in full with written approval of cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



1

•

Analytical Results For:

LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240 Fax To: (575) 738-1740

Received:	04/03/2014	Sampling Date:	04/03/2014
Reported:	04/04/2014	Sampling Type:	Soil
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	ANGEL RANCH		

Sample ID: 1-2 CMU #89 (H400990-02)

6TEX 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	04/03/2014	ND	2.59	129	2.00	1.32	
Toluene*	<0.050	0.050	04/03/2014	ND	2.50	125	2.00	0.955	
Ethylbenzene*	<0.050	0.050	04/03/2014	ND	2.47	124	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/03/2014	ND	7.08	118	6.00	0.890	
Total BTEX	< 0.300	0.300	04/03/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	115 %	6 89.4-12	6				1911 - 1913 1914 - 1914 - 1914		
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP				<u>.</u>	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/04/2014	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	04/03/2014	ND	194	97.1	200	0.486	
DRO >C10-C28	<10.0	10.0	04/03/2014	ND	207	104	200	5.18	
Surrogate: 1-Chlorooctane	112 %	65.2-14	0		4 				
Surrogate: 1-Chlorooctadecane	110 %	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 waiked 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, bushess 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

Celey D. Keene, Lab Director/Quality Manager



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240 Fax To: (575) 738-1740

Received:	04/03/2014	Sampling Date:	04/03/2014
Reported:	04/04/2014	Sampling Type:	Soil
Project Name:	CAPROCK MALJAMAR UNITS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	ANGEL RANCH		

Sample ID: 1-3 CMU #89 (H400990-03)

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	04/03/2014	ND	2.59	129	2.00	1.32	
Toluene*	<0.050	0.050	04/03/2014	ND	2.50	125	2.00	0.955	
Ethylbenzene*	< 0.050	0.050	04/03/2014	ND	2.47	124	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/03/2014	ND	7.08	118	6.00	0.890	
Total BTEX	<0.300	0.300	04/03/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	113	% 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	496	16.0	04/04/2014	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms			1.1		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/03/2014	ND	194	97.1	200	0.486	
DRO >C10-C28	91.3	10.0	04/03/2014	ND	207	104	200	5.18	
Surrogate: 1-Chlorooctane	118 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	114 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 artising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All datins, 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 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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

(ara) 333-6960	(ata) 333-2320 LAV (ata) 333-2410						
. 1			BILLER	Construction of the second sec	and the second se	ANALYSIS REQUEST	
Project Manager: FRed A.	apper		P.O. #:				
Address: STate live NV	Pr Pagk # 36	86	Company: Linn	cooler			
city: Ho665	State: #	Zip: 88241	Attn: BRYAN L	Wall "			
Phone #: 940-395-3308	08 Fax#:		2	Bender			
Project #:	Project Owner: Liw M	Linn of.	city: Ho 665				
Project Name: Caplock Malija mar UN	Malja mar	UNITS	State: N/M ZID: 88241	14288			
Project Location: CMU	ANgel Banch	44	Phone #: 575-738-1739	8-1739			
Sampler Name: DUSTY	× 130225		Fax #:	and the second			
FOR LAB USE ONLY	00	MATRIX	PRESERV. SAM	SAMPLING			
Lab I.D. Samp	Sample I.D.	3 OR (C)OMF TAINERS NDWATER BAMATER EWATER 5E	OOL BASE:	HOI	77 81X		
apport		GEON		E TIME	7		
1 1-1 CMU#	0# 89	1	>	4	111		
712-2 CMUP		21 1	1. 1)	11		
		91 1	7	2	11		
4 2-1 CNUM		91 1	7	1	1		
5 2-2 CMU#	~	910	2	7	1		
6 2-3 CNUE	261 =0	81 5	2	2	2		
× 1	561 01	10	~	2	5		
1	-	2	2	7	1		
9 2-6 CMV #	V# 195	61	1	3	1		
0 2-7	CNU # 195	P V	2	1	1		
PLASE NOTE: Liability and Damages. Cardinality liability and client's endualive remedy for any claim striking whether bat and/sees. All claims including three for megifyerror and any observate whilebower prank to demand waved unues mad service in the cardinal striking has baby for inclusional or consensation downows. Including construction have	inafe litability and ditent's exclusive remedy for ar ence and any other cause whulsoever shall be d immittential or concensustial demonster, inclution	e in we	contract or tort, shall be limited to the amount paid ting and received by Cardinal within 30 days after	a amount paid by the client for the 30 days after completion of the appli	cable		
affiliates or successors arising out of or related to the perfi	formance of services hereunder by C	er such		ed reasons or otherwise.	- 1		
to not a fundament	4-3-14		No 11 A Row	Fax Result: RFMARKS.		Add1 Fax #: Add1 Fax #:	
Relinquished By:	CH.HJ Date:	Repeived By:	1 AMARA		utto bood	Auth. boards (D. : & king werd . Cord	
	Time:	2		1 6	10 1.		
Delivered By: (Circle One)		Sample Condition	on CHECKEDIBY:	+	redramsey	tredtamsey 111 @ & Monil. Cond	
Sampler - UPS - Bus - Other:		7 NO Leves Leves	- ANA	0110	112111		

 \uparrow Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-3526 $\mathcal{H}_{\rm SC}$

Page 13 of 13

2-1