

June 06, 2013

GARY WINK

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: SKELLY B BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/30/13 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

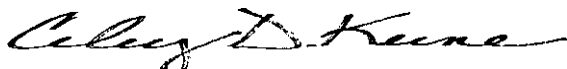
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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. Keene

Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 05/30/2013  
 Reported: 06/06/2013  
 Project Name: SKELLY B BATTERY  
 Project Number: NONE GIVEN  
 Project Location: MALJAMAR, NM

Sampling Date: 05/21/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 1 @ SURFACE (H301273-01)**

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	<0.050	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	23200	16.0	06/03/2013	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/04/2013	ND	197	98.6	200	4.03	
DRO >C10-C28	56.2	10.0	06/04/2013	ND	203	102	200	4.06	

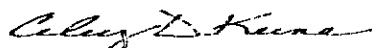
Surrogate: 1-Chlorooctane 103 % 65.2-140

Surrogate: 1-Chlorooctadecane 121 % 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 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, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 05/30/2013  
 Reported: 06/06/2013  
 Project Name: SKELLY B BATTERY  
 Project Number: NONE GIVEN  
 Project Location: MALJAMAR, NM

Sampling Date: 05/21/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 1 @ 1'6" (H301273-02)**

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	<0.050	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 97.7 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	06/03/2013	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/04/2013	ND	197	98.6	200	4.03	
DRO >C10-C28	<10.0	10.0	06/04/2013	ND	203	102	200	4.06	

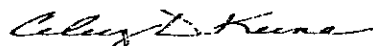
Surrogate: 1-Chlorooctane 85.2 % 63.2-140

Surrogate: 1-Chlorooctadecane 92.0 % 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 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, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 05/30/2013  
 Reported: 06/06/2013  
 Project Name: SKELLY B BATTERY  
 Project Number: NONE GIVEN  
 Project Location: MALJAMAR, NM

Sampling Date: 05/20/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 2 @ SURFACE (H301273-03)**

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	<0.050	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 97.6 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16400	16.0	06/03/2013	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/03/2013	ND	207	103	200	2.24	
DRO >C10-C28	<10.0	10.0	06/03/2013	ND	211	105	200	3.88	

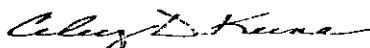
Surrogate: 1-Chlorooctane 90.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 90.0 % 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 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, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 05/30/2013  
 Reported: 06/06/2013  
 Project Name: SKELLY B BATTERY  
 Project Number: NONE GIVEN  
 Project Location: MALJAMAR, NM

Sampling Date: 05/20/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 2 @ 1' (H301273-04)**

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	<0.050	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 94.3 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	06/03/2013	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/06/2013	ND	207	103	200	2.24	
DRO >C10-C28	<10.0	10.0	06/06/2013	ND	211	105	200	3.88	

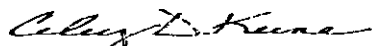
Surrogate: 1-Chlorooctane 102 % 65.2-140

Surrogate: 1-Chlorooctadecane 106 % 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 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, Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 05/30/2013  
 Reported: 06/06/2013  
 Project Name: SKELLY B BATTERY  
 Project Number: NONE GIVEN  
 Project Location: MALJAMAR, NM

 Sampling Date: 05/21/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 3 @ SURFACE (H301273-05)**

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	0.078	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 97.2 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	25600	16.0	06/03/2013	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/04/2013	ND	197	98.6	200	4.03	
<b>DRO &gt;C10-C28</b>	<b>63.2</b>	10.0	06/04/2013	ND	203	102	200	4.06	

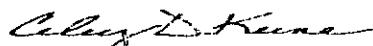
Surrogate: 1-Chlorooctane 98.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 103 % 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 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, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 05/30/2013  
 Reported: 06/06/2013  
 Project Name: SKELLY B BATTERY  
 Project Number: NONE GIVEN  
 Project Location: MALJAMAR, NM

Sampling Date: 05/22/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 3 @ 3' (H301273-06)**

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	<0.050	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 92.1 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/03/2013	ND	432	108	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/04/2013	ND	197	98.6	200	4.03	
DRO >C10-C28	<10.0	10.0	06/04/2013	ND	203	102	200	4.06	

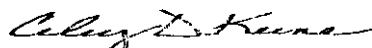
Surrogate: 1-Chlorooctane 98.4 % 63.2-140

Surrogate: 1-Chlorooctadecane 106 % 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 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, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 05/30/2013  
 Reported: 06/06/2013  
 Project Name: SKELLY B BATTERY  
 Project Number: NONE GIVEN  
 Project Location: MALJAMAR, NM

Sampling Date: 05/21/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 4 @ SURFACE (H301273-07)**

BTEX 80218		mg/kg	Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.918</b>	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
<b>Toluene*</b>	<b>3.07</b>	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
<b>Ethylbenzene*</b>	<b>3.41</b>	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
<b>Total Xylenes*</b>	<b>7.94</b>	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
<b>Total BTEX</b>	<b>15.3</b>	0.300	06/03/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 160 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>34800</b>	16.0	06/03/2013	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>28.0</b>	10.0	06/04/2013	ND	197	98.6	200	4.03	
<b>DRO &gt;C10-C28</b>	<b>360</b>	10.0	06/04/2013	ND	203	102	200	4.06	

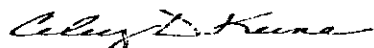
Surrogate: 1-Chlorooctane 93.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 103 % 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 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, Lab Director/Quality Manager



**Analytical Results For:**

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

Received: 05/30/2013  
 Reported: 06/06/2013  
 Project Name: SKELLY B BATTERY  
 Project Number: NONE GIVEN  
 Project Location: MALJAMAR, NM

Sampling Date: 05/22/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 4 @ 7' (H301273-08)**

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	<0.050	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 92.4 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	06/03/2013	ND	432	108	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/04/2013	ND	197	98.6	200	4.03	
DRO >C10-C28	<10.0	10.0	06/04/2013	ND	203	102	200	4.06	

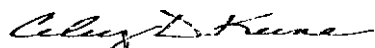
Surrogate: 1-Chlorooctane 96.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 106 % 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 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, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 05/30/2013  
 Reported: 06/06/2013  
 Project Name: SKELLY B BATTERY  
 Project Number: NONE GIVEN  
 Project Location: MALJAMAR, NM

Sampling Date: 05/22/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 5 @ SURFACE (H301273-09)**

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2013	ND	2.29	114	2.00	5.21	
Toluene*	<0.050	0.050	06/03/2013	ND	2.07	103	2.00	5.16	
Ethylbenzene*	<0.050	0.050	06/03/2013	ND	2.27	113	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/03/2013	ND	6.53	109	6.00	4.30	
Total BTEX	<0.300	0.300	06/03/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 90.6 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19200	16.0	06/03/2013	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/05/2013	ND	212	106	200	3.07	
DRO >C10-C28	171	10.0	06/05/2013	ND	222	111	200	3.64	

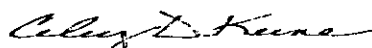
Surrogate: 1-Chlorooctane 104 % 65.2-140

Surrogate: 1-Chlorooctadecane 111 % 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 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, Lab Director/Quality Manager

### Notes and Definitions


- S-04            The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND             Analyte NOT DETECTED at or above the reporting limit
- RPD            Relative Percent Difference
- \*\*             Samples not received at proper temperature of 6°C or below.
- \*\*\*            Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

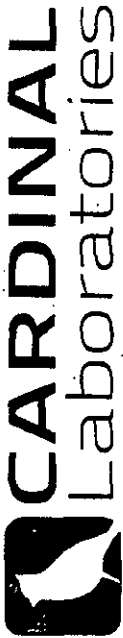
\*=Accredited Analyte

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



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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Linn Energy</u>		P.O. #:		BILL TO												ANALYSIS REQUEST																																					
Project Manager: <u>Gary Wink</u>		Company:																																																			
Address:		Attn:																																																			
City: <u>Hobbs</u>		State: <u>NM</u>		Zip: <u>88240</u>																																																	
Phone #:		Fax #:																																																			
Project #:		Project Owner:																																																			
Project Name: <u>Skelly B Battery</u>		City:		State:		Zip:																																															
Project Location: <u>Maham, NM</u>		Phone #:																																																			
Sampler Name: <u>Amy Ruth</u>		Fax #:																																																			
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING																																															
Lab I.D.		Sample I.D.		(G) RAB OR (C) OMP		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME																									
1 SP1 @ Surface		1		1		1		1		1		1		1		1		1		1		1		1		5-21-13		0943																									
2 SP1 @ 1'6"		1		1		1		1		1		1		1		1		1		1		1		1		5-21-13		1136																									
3 SP2 @ Surface		1		1		1		1		1		1		1		1		1		1		1		1		5-20-13		1051																									
4 SP2 @ 1'		1		1		1		1		1		1		1		1		1		1		1		1		5-20-13		1059																									
5 SP3 @ Surface		1		1		1		1		1		1		1		1		1		1		1		1		5-21-13		1010																									
6 SP3 @ 3'		1		1		1		1		1		1		1		1		1		1		1		1		5-22-13		0918																									
7 SP4 @ Surface		1		1		1		1		1		1		1		1		1		1		1		1		5-22-13		1312																									
8 SP4 @ 7'		1		1		1		1		1		1		1		1		1		1		1		1		5-22-13		1122																									
9 SP5 @ Surface		1		1		1		1		1		1		1		1		1		1		1		1		5-22-13		1157																									

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 the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, or any subcontractors arising out of or in connection with 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: [Signature] Date: 5/20/13 Time: 5:00  
Relinquished By: [Signature] Date: 5/20/13 Time: 5:00

Resolved By: [Signature]  
Received By: [Signature]

Delivered By: (Circle One)  
Sampler - UPS - Bus - Other: -80

Sample Condition  
Cool Intact  
Yes ☒ No ☐  
Seals ☒ No ☐

CHECKED BY: [Signature]

Phone Result: ☐ Yes ☐ No ☐ Add'l Phone #:  
Fax Result: ☐ Yes ☐ No ☐ Add'l Fax #:  
REMARKS:  
Email  
gwink@linenergy.com  
aruth@diversifiedpsi.com