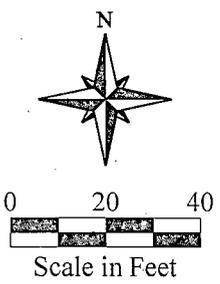
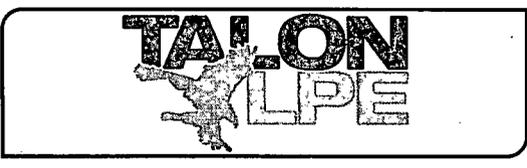


Lease Road



Legend	
◆	- Sample Location



Date: 10/31/2012
 Scale: 1" = 40'
 Drawn By: TJS

Keohane ETAL A Federal No. 2
 Cimarex Energy Company
 Artesia, New Mexico
 Figure 1 - Site Plan



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

November 02, 2012

MIKE STUBBLEFIELD
TALON LPE
408 W. TEXAS AVE.
ARTESIA, NM 88210

RE: KEOHANE ETAL A FED. NO. 2

Enclosed are the results of analyses for samples received by the laboratory on 10/30/12 12:45.

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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	10/30/2012	Sampling Date:	10/29/2012
Reported:	11/02/2012	Sampling Type:	Soil
Project Name:	KEOHANE ETAL A FED. NO. 2	Sampling Condition:	Cool & Intact
Project Number:	701162.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 28 - T18S - R31E		

Sample ID: S - 1 0' (H202638-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	10/31/2012	ND	432	108	400	3.77		

Sample ID: S - 2 0' (H202638-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/31/2012	ND	432	108	400	3.77		

Sample ID: S - 3 0' (H202638-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2012	ND	432	108	400	3.77		

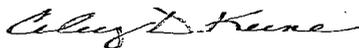
Sample ID: S - 4 0' (H202638-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	10/31/2012	ND	432	108	400	3.77		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	10/30/2012	Sampling Date:	10/29/2012
Reported:	11/02/2012	Sampling Type:	Soil
Project Name:	KEOHANE ETAL A FED. NO. 2	Sampling Condition:	Cool & Intact
Project Number:	701162.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 28 - T18S - R31E		

Sample ID: S - 5 0' (H202638-05)

BTEX 8021B		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/01/2012	ND	1.92	95.8	2.00	4.85	
Toluene*	0.319	0.200	11/02/2012	ND	2.16	108	2.00	1.81	
Ethylbenzene*	0.457	0.200	11/02/2012	ND	2.20	110	2.00	0.682	
Total Xylenes*	1.39	0.600	11/02/2012	ND	6.76	113	6.00	2.13	
Total BTEX	2.17	1.20	11/02/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 143 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	31200	16.0	10/31/2012	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<200	200	10/30/2012	ND	197	98.6	200	0.0806	
DRO >C10-C28	6360	200	10/30/2012	ND	214	107	200	1.69	

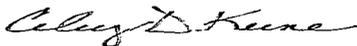
Surrogate: 1-Chlorooctane 106 % 65.2-140

Surrogate: 1-Chlorooctadecane 248 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	10/30/2012	Sampling Date:	10/29/2012
Reported:	11/02/2012	Sampling Type:	Soil
Project Name:	KEOHANE ETAL A FED. NO. 2	Sampling Condition:	Cool & Intact
Project Number:	701162.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 28 - T18S - R31E		

Sample ID: S - 5 1' (H202638-06)

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	11/01/2012	ND	1.92	95.8	2.00	4.85		
Toluene*	<0.050	0.050	11/01/2012	ND	2.16	108	2.00	1.81		
Ethylbenzene*	<0.050	0.050	11/01/2012	ND	2.20	110	2.00	0.682		
Total Xylenes*	<0.150	0.150	11/01/2012	ND	6.76	113	6.00	2.13		
Total BTEX	<0.300	0.300	11/01/2012	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1420	16.0	10/31/2012	ND	432	108	400	3.77		

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	10/30/2012	ND	197	98.6	200	0.0806		
DRO >C10-C28	<10.0	10.0	10/30/2012	ND	214	107	200	1.69		

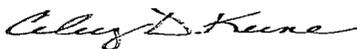
Surrogate: 1-Chlorooctane 87.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.1 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	10/30/2012	Sampling Date:	10/29/2012
Reported:	11/02/2012	Sampling Type:	Soil
Project Name:	KEOHANE ETAL A FED. NO. 2	Sampling Condition:	Cool & Intact
Project Number:	701162.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 28 - T18S - R31E		

Sample ID: S - 5 2' (H202638-07)

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	11/01/2012	ND	1.92	95.8	2.00	4.85		
Toluene*	<0.050	0.050	11/01/2012	ND	2.16	108	2.00	1.81		
Ethylbenzene*	<0.050	0.050	11/01/2012	ND	2.20	110	2.00	0.682		
Total Xylenes*	<0.150	0.150	11/01/2012	ND	6.76	113	6.00	2.13		
Total BTEX	<0.300	0.300	11/01/2012	ND						

Surrogate: 4-Bromofluorobenzene (PIB) 106 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1820	16.0	10/31/2012	ND	432	108	400	3.77		

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	10/30/2012	ND	197	98.6	200	0.0806		
DRO >C10-C28	<10.0	10.0	10/30/2012	ND	214	107	200	1.69		

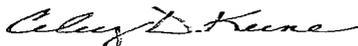
Surrogate: 1-Chlorooctane 84.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 93.2 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	10/30/2012	Sampling Date:	10/29/2012
Reported:	11/02/2012	Sampling Type:	Soil
Project Name:	KEOHANE ETAL A FED. NO. 2	Sampling Condition:	Cool & Intact
Project Number:	701162.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 28 - T18S - R31E		

Sample ID: S - 6 0' (H202638-08)

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	11/01/2012	ND	1.92	95.8	2.00	4.85		
Toluene*	<0.050	0.050	11/01/2012	ND	2.16	108	2.00	1.81		
Ethylbenzene*	<0.050	0.050	11/01/2012	ND	2.20	110	2.00	0.682		
Total Xylenes*	<0.150	0.150	11/01/2012	ND	6.76	113	6.00	2.13		
Total BTEX	<0.300	0.300	11/01/2012	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15400	16.0	10/31/2012	ND	432	108	400	3.77		

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	10/31/2012	ND	194	97.1	200	5.08		
DRO >C10-C28	41.3	10.0	10/31/2012	ND	215	107	200	7.72		

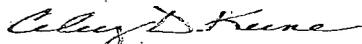
Surrogate: 1-Chlorooctane 75.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 86.5 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	10/30/2012	Sampling Date:	10/29/2012
Reported:	11/02/2012	Sampling Type:	Soil
Project Name:	KEOHANE ETAL A FED. NO. 2	Sampling Condition:	Cool & Intact
Project Number:	701162.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 28 - T18S - R31E		

Sample ID: S - 6 1' (H202638-09)

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	11/01/2012	ND	1.92	95.8	2.00	4.85		
Toluene*	<0.050	0.050	11/01/2012	ND	2.16	108	2.00	1.81		
Ethylbenzene*	<0.050	0.050	11/01/2012	ND	2.20	110	2.00	0.682		
Total Xylenes*	<0.150	0.150	11/01/2012	ND	6.76	113	6.00	2.13		
Total BTEX	<0.300	0.300	11/01/2012	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 106 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11600	16.0	10/31/2012	ND	432	108	400	3.77		

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	10/31/2012	ND	194	97.1	200	5.08		
DRO >C10-C28	<10.0	10.0	10/31/2012	ND	215	107	200	7.72		

Surrogate: 1-Chlorooctane 70.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 78.7 % 63.6-154

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Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	10/30/2012	Sampling Date:	10/29/2012
Reported:	11/02/2012	Sampling Type:	Soil
Project Name:	KEOHANE ETAL A FED. NO. 2	Sampling Condition:	Cool & Intact
Project Number:	701162.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 28 - T18S - R31E		

Sample ID: S - 6 . 2' (H202638-10)

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	11/01/2012	ND	1.92	95.8	2.00	4.85		
Toluene*	<0.050	0.050	11/01/2012	ND	2.16	108	2.00	1.81		
Ethylbenzene*	<0.050	0.050	11/01/2012	ND	2.20	110	2.00	0.682		
Total Xylenes*	<0.150	0.150	11/01/2012	ND	6.76	113	6.00	2.13		
Total BTEX	<0.300	0.300	11/01/2012	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 106 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9300	16.0	10/31/2012	ND	432	108	400	3.77		

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	10/31/2012	ND	194	97.1	200	5.08		
DRO >C10-C28	<10.0	10.0	10/31/2012	ND	215	107	200	7.72		

Surrogate: 1-Chlorooctane 72.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 83.7 % 63.6-154

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Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	10/30/2012	Sampling Date:	10/29/2012
Reported:	11/02/2012	Sampling Type:	Soil
Project Name:	KEOHANE ETAL A FED. NO. 2	Sampling Condition:	Cool & Intact
Project Number:	701162.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 28 - T18S - R31E		

Sample ID: S - 7 0' (H202638-11)

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	11/01/2012	ND	1.92	95.8	2.00	4.85		
Toluene*	<0.050	0.050	11/01/2012	ND	2.16	108	2.00	1.81		
Ethylbenzene*	<0.050	0.050	11/01/2012	ND	2.20	110	2.00	0.682		
Total Xylenes*	<0.150	0.150	11/01/2012	ND	6.76	113	6.00	2.13		
Total BTEX	<0.300	0.300	11/01/2012	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11000	16.0	10/31/2012	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	<100	100	10/31/2012	ND	194	97.1	200	5.08			
DRO >C10-C28	11600	100	10/31/2012	ND	215	107	200	7.72			

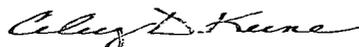
Surrogate: 1-Chlorooctane 70.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 223 % 63.6-154

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	10/30/2012	Sampling Date:	10/29/2012
Reported:	11/02/2012	Sampling Type:	Soil
Project Name:	KEOHANE ETAL A FED. NO. 2	Sampling Condition:	Cool & Intact
Project Number:	701162.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 28 - T18S - R31E		

Sample ID: S - 7 1' (H202638-12)

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	11/01/2012	ND	1.92	95.8	2.00	4.85		
Toluene*	<0.050	0.050	11/01/2012	ND	2.16	108	2.00	1.81		
Ethylbenzene*	<0.050	0.050	11/01/2012	ND	2.20	110	2.00	0.682		
Total Xylenes*	<0.150	0.150	11/01/2012	ND	6.76	113	6.00	2.13		
Total BTEX	<0.300	0.300	11/01/2012	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	960	16.0	10/31/2012	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	32.2	10.0	11/01/2012	ND	194	97.1	200	5.08		
DRO >C10-C28	524	10.0	11/01/2012	ND	215	107	200	7.72		

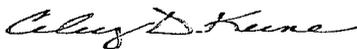
Surrogate: 1-Chlorooctane 90.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 116 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	10/30/2012	Sampling Date:	10/29/2012
Reported:	11/02/2012	Sampling Type:	Soil
Project Name:	KEOHANE ETAL A FED. NO. 2	Sampling Condition:	Cool & Intact
Project Number:	701162.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 28 - T18S - R31E		

Sample ID: S - 7 2' (H202638-13)

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	11/01/2012	ND	1.86	93.2	2.00	4.88		
Toluene*	<0.050	0.050	11/01/2012	ND	2.05	102	2.00	5.31		
Ethylbenzene*	<0.050	0.050	11/01/2012	ND	2.06	103	2.00	6.00		
Total Xylenes*	<0.150	0.150	11/01/2012	ND	5.95	99.1	6.00	5.97		
Total BTEX	<0.300	0.300	11/01/2012	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	944	16.0	10/31/2012	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<50.0	50.0	11/01/2012	ND	194	97.1	200	5.08		
DRO >C10-C28	1670	50.0	11/01/2012	ND	215	107	200	7.72		

Surrogate: 1-Chlorooctane 92.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 136 % 63.6-154

Sample ID: S - 8 (H202638-14)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/31/2012	ND	432	108	400	3.77		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	10/30/2012	Sampling Date:	10/29/2012
Reported:	11/02/2012	Sampling Type:	Soil
Project Name:	KEOHANE ETAL A FED. NO. 2	Sampling Condition:	Cool & Intact
Project Number:	701162.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 28 - T18S - R31E		

Sample ID: S - 9 (H202638-15)

Chloride, SM4500Cl-B

mg/kg

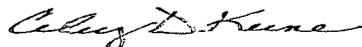
Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/31/2012	ND	432	108	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager

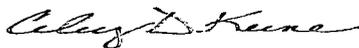
Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by 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. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Talon/LPE</u>				BILL TO				ANALYSIS REQUEST																		
Project Manager: <u>Mike Stubbfield</u>				P.O. #:																						
Address: <u>408 West Texas Ave.</u>				Company: <u>Talon/LPE</u>																						
City: <u>Rosita</u> State: <u>NM</u> Zip: <u>88210</u>				Attn:																						
Phone #: <u>575-441-7254</u> Fax #:				Address:																						
Project #: <u>701162-028-01</u> Project Owner:				City:																						
Project Name: <u>Keohane ETal A Federal No. 2</u>				State: Zip:																						
Project Location: <u>sec. 28-T185-R31E</u>				Phone #:																						
Sampler Name: <u>max Stubbfield</u>				Fax #:																						
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	# CONTAINERS	MATRIX			PRESERV		SAMPLING																	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME												
	<u>H207635</u>																									
	<u>11</u>	<u>5-7 0'</u>	<u>5</u>										<u>10/29/12</u>	<u>2:10 P</u>												
	<u>12</u>	<u>5-2 1'</u>	<u>5</u>										<u>10/29/12</u>	<u>2:25 P</u>												
	<u>13</u>	<u>5-2 2'</u>	<u>5</u>										<u>10/29/12</u>	<u>2:30 P</u>												
	<u>14</u>	<u>5-8</u>	<u>5</u>										<u>10/29/12</u>	<u>2:35 P</u>												
	<u>15</u>	<u>5-9</u>	<u>5</u>										<u>10/27/12</u>	<u>2:40 P</u>												

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Relinquished By: <u>max Stubbfield</u>		Date: <u>10/29/12</u>		Received By: <u>Judi Anderson</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By: _____		Time: _____		Date: _____		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
Delivered By: (Circle One)		Sample Condition		CHECKED BY: _____			
Sampler - UPS - Bus - Other:		Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>		(Initials)			
		Yes <input type="checkbox"/> No <input type="checkbox"/>					

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326