



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

September 30, 2014

KIMBERLY WILSON

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: BROWN CROW FED #1

Enclosed are the results of analyses for samples received by the laboratory on 09/29/14 15:00.

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/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



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**Analytical Results For:**

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

Received:	09/29/2014	Sampling Date:	09/26/2014
Reported:	09/30/2014	Sampling Type:	Soil
Project Name:	BROWN CROW FED #1	Sampling Condition:	Cool & Intact
Project Number:	70034819801	Sample Received By:	Celey D. Keene
Project Location:	A-21-17-30		

**Sample ID: S-1 0.5 (H402964-01)**

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2014	ND	1.77	88.6	2.00	7.32	
Toluene*	<0.050	0.050	09/30/2014	ND	1.65	82.3	2.00	8.58	
Ethylbenzene*	<0.050	0.050	09/30/2014	ND	1.53	76.6	2.00	8.91	
Total Xylenes*	<0.150	0.150	09/30/2014	ND	4.54	75.6	6.00	9.56	
Total BTX	<0.300	0.300	09/30/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 99.4 % 61-154

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	09/30/2014	ND	190	94.8	200	2.35	
DRO >C10-C28	<10.0	10.0	09/30/2014	ND	208	104	200	2.12	

Surrogate: 1-Chlorooctane 94.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 106 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/29/2014  
Reported: 09/30/2014  
Project Name: BROWN CROW FED #1  
Project Number: 70034819801  
Project Location: A-21-17-30

Sampling Date: 09/26/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Celey D. Keene

**Sample ID: S-2 0.5 (H402964-02)**

BTX 80218		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2014	ND	1.77	88.6	2.00	7.32	
Toluene*	<0.050	0.050	09/30/2014	ND	1.65	82.3	2.00	8.58	
Ethylbenzene*	<0.050	0.050	09/30/2014	ND	1.53	76.6	2.00	8.91	
Total Xylenes*	<0.150	0.150	09/30/2014	ND	4.54	75.6	6.00	9.56	
Total BTX	<0.300	0.300	09/30/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 98.1 % 61-154

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	09/30/2014	ND	190	94.8	200	2.35	
DRO >C10-C28	<10.0	10.0	09/30/2014	ND	208	104	200	2.12	

Surrogate: 1-Chlorooctane 103 % 65.2-140

Surrogate: 1-Chlorooctadecane 110 % 63.6-154

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\*=Accredited Analyte

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit  
RPD Relative Percent Difference  
\*\* Samples not received at proper temperature of 6°C or below.  
\*\*\* Insufficient time to reach temperature.  
Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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\*=Accredited Analyte

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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

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Company Name: Talon/LPE				P.O. #:				ANALYSIS REQUEST													
Project Manager: K. Wilson				Company: Talon/LPE																	
Address: 408 W. Texas Ave.				Attn:																	
City: Artesia State: NM Zip: 88210				Address:																	
Phone #: 575-746-8768 Fax #: 575-746-8905				City:																	
Project #: 20034819801 Project Owner: S. Wilson				State: Zip:																	
Project Name: Brown Cow Field				Phone #:																	
Project Location: A-21-17-30				Fax #:																	
Sampler Name: K. Wilson																					
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING													
Lab I.D.	Sample I.D.	CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME								
4402964	O.S.-1 O.S	/	/	/	/	/	/	/	/	/	/	9-26-14	12:03								
	O.S.-2 O.S	/	/	/	/	/	/	/	/	/	/	9-26-14	12:18								

PLEASE NOTE: Liability and Damages. Cardinal Liability and claims exclusion policy for any claim arising whether caused in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other claims whatsoever shall be deemed waived unless made in writing and received by Cardinal within 90 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. No substitution, addition or extension arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated requests or otherwise.

Relinquished By:	Date:	Received By:	Phone Result:	Yes	No	Add'l Phone #:
Ken Swift	9-27-14	[Signature]	Fax Result:	Yes	No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:			
[Signature]	9-29-14	[Signature]	RUSH			
Delivered By: (Signature Only)	Date:	Checked By: (Initials)				
Sampler - UPS - Bus - Other:	Time:	Sample Condition				
	3:00	Cool Intact				
		Yes No				

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



# New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the  
POD suffix indicates the  
POD has been replaced  
& no longer serves a  
water right file.)

(R=POD has  
been replaced,  
O=orphaned,  
C=the file is  
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD		Q Q Q			Depth			Depth			Water				
POD Number	Sub-Code	basin	County	64	16	4	Sec	Twp	Rng	X	Y	Distance	Well	Water	Column
RA 11914 POD1		ED		2	4	2	20	17S	30E	594801	3632002	1728	85	80	5

Average Depth to Water: 80 feet

Minimum Depth: 80 feet

Maximum Depth: 80 feet

**Record Count: 1**

**UTM NAD83 Radius Search (in meters):**

**Easting (X): 596465**

**Northing (Y): 3632503**

**Radius: 2000**

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

10/8/14 9:19 AM

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WATER COLUMN/ AVERAGE  
DEPTH TO WATER