

Legend	
◆	- Sample Location



Date: 06/06/2014

Scale: 1" = 60'

Drawn By: TJS

Fanning #1 SWD Location  
 Pyote Water Solutions LLC  
 Eddy County, New Mexico  
 Figure 1 - Site Plan



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

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July 08, 2014

SHELDON HITCHCOCK

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: FANNING #1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 07/01/14 15:40.

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,

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

Caley D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 07/01/2014  
 Reported: 07/08/2014  
 Project Name: FANNING #1 SWD  
 Project Number: 70171200201  
 Project Location: EDDY COUNTY, NM

 Sampling Date: 06/27/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: S2 1' (H402008-01)**

Chloride, SM4500CI-B			mg/kg Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2280	16.0	07/08/2014	ND	416	104	400	3.92		

**Sample ID: S2 2' (H402008-02)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	07/08/2014	ND	416	104	400	3.92	

**Sample ID: S2 3' (H402008-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	07/08/2014	ND	416	104	400	3.92	

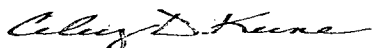
**Sample ID: S2 4' (H402008-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	07/03/2014	ND	400	100	400	3.92	

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 07/01/2014  
 Reported: 07/08/2014  
 Project Name: FANNING #1 SWD  
 Project Number: 70171200201  
 Project Location: EDDY COUNTY, NM

 Sampling Date: 06/27/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: S2 5' (H402008-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2840	16.0	07/03/2014	ND	400	100	400	3.92		

**Sample ID: S4 1' (H402008-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5120	16.0	07/03/2014	ND	400	100	400	3.92		

**Sample ID: S4 2' (H402008-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4480	16.0	07/03/2014	ND	400	100	400	3.92		

**Sample ID: S4 3' (H402008-08)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	07/03/2014	ND	400	100	400	3.92	

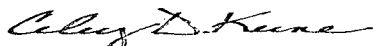
**Sample ID: S4 4' (H402008-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	07/03/2014	ND	400	100	400	3.92	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 07/01/2014  
Reported: 07/08/2014  
Project Name: FANNING #1 SWD  
Project Number: 70171200201  
Project Location: EDDY COUNTY, NM

Sampling Date: 06/27/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: S4 5' (H402008-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	07/03/2014	ND	400	100	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

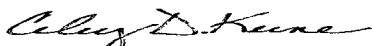
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received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

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Celey D. 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: Talon/LPE		BILL TO		ANALYSIS REQUEST																							
Project Manager:		P.O. #:		<div>Total Chloride</div>																							
Address: 408 W. Texas Ave.		Company: Talon/LPE																									
City: Artesia State: NM Zip: 88210		Attn:																									
Phone #: 575-746-8768 Fax #: 575-746-8905		Address:																									
Project #: 70171260281 Project Owner: Pete Water Solution		City:																									
Project Name: Fanning #1 SWD		State: Zip:																									
Project Location: Eddy		Phone #:																									
Sampler Name: G. Bazza		Fax #:																									
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV.		SAMPLING																
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
	H402008																										
1	S2	1-											6-27-14														
2	S2	2-																									
3	S2	3-																									
4	S2	4-																									
5	S2	5-																									
6	S4	1-																									
7	S4	2-																									
8	S4	3-																									
9	S4	4-																									
10	S4	5-																									

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Relinquished By:	Date: Time: 3:40	Received By: 	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date: 7/1/14 Time: 3:40	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 2.90c	Sample Condition Cool: <input checked="" type="checkbox"/> Intact: <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY:	REMARKS:

\* Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 #54