



Drawn By: TJS

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



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.

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.

Celeg & Keens

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:

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: Project Number: FANNING #1 SWD 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

Chloride

Chloride

Chloride

Reporting Limit Result 2280 16.0

Analyzed 07/08/2014

Analyzed

07/08/2014

07/08/2014

Method Blank ND

Method Blank

ND

BS 416 % Recovery 104

% Recovery

104

True Value QC 400

RPD 3.92 Qualifier

Sample ID: S2 2' (H402008-02)

Chloride, SM4500CI-B

Analyte

Analyte

mg/kg

Result

1920

2800

Analyzed By: AP

BS

416

BS

416

RPD

3.92

Qualifier

Sample ID: S2 3' (H402008-03)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Reporting Limit Analyzed Result 16.0

Reporting Limit

16.0

Method Blank ND

% Recovery 104

True Value OC 400

True Value QC

400

RPD 3,92

Qualifier

Sample ID: S2 4' (H402008-04)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte Reporting Limit Analyzed Result Chloride 3000 16.0 07/03/2014

Method Blank ND

BS 400 % Recovery 100

True Value QC 400

RPD 3.92 Qualifier

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. 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

Celing & Keine

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

Sampling Date:

06/27/2014

Reported:

07/08/2014

Sampling Type:

Soil

Project Name:

FANNING #1 SWD

Sampling Condition:

Cool & Intact

Project Number:

70171200201

Sample Received By:

Jodi Henson

Project Location:

EDDY COUNTY, NM

Sample ID: S2 5' (H402008-05)

ماستسمامات	CMATCOCCIO	۰
manae	. SM4500Cl-E	1

mg/kg

Analyzed By: AP

Analyte

Result Reporting Limit

> 16.0 07/03/2014

Analyzed

Method Blank ND

BS 400

% Recovery True Value OC

RPD 3.92

Oualifier

Sample ID: S4 1' (H402008-06)

Analyte

Analyte

mu/ku

Reporting Limit

Reporting Limit

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed By: AP

Analyzed Method Blank

% Recovery

100

RPD

3.92

Chloride

Chloride

Result 5120

2840

16.0 07/03/2014 ND

BS 400

100

True Value QC 400

400

Qualifier

Sample ID: S4 2' (H402008-07)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

RPD

Chloride

Chloride

Chloride

Result 4480

Result

2760

Result

1540

07/03/2014 16.0

BS 400 % Recovery 100

True Value QC

Qualifier

Sample ID: S4 3' (H402008-08)

Analyzed By: AP

Method Blank

ND

400

3.92

Analyte

Chloride, SM4500CI-B

mg/kg

07/03/2014

Analyzed

07/03/2014

Analyzed

Analyzed

Method Blank

ND

BS

400

% Recovery

100

True Value QC

RPD

Qualifier

Analyzed By: AP

400

3.92

Sample ID: S4 4' (H402008-09)

Analyte

Chloride, SM4500CI-B

mg/kg

Method Blank

ND

BS

400

% Recovery

100

True Value OC

400

RPD

3.92

Qualifier

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 6



Analytical Results For:

TALON LPE . SHELDON HITCHCOCK 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

07/01/2014

Sampling Date:

06/27/2014

Reported:

07/08/2014

Sampling Type:

Soil

Project Name:

FANNING #1 SWD

Sampling Condition:

Cool & Intact

Project Number:

70171200201

Sample Received By:

Jodi Henson

Project Location:

EDDY COUNTY, NM

Sample ID: S4 5' (H402008-10)

Chloride, SM4500Cl-B	Analyze	d 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

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 SM4500CI-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. Keine



Company Name: Talon/LPE

Address: 408 W. Texas Ave.

Project Manager:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

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

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				City:				4														
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BILLTO

company: Talon/LPE

P.O. #: