

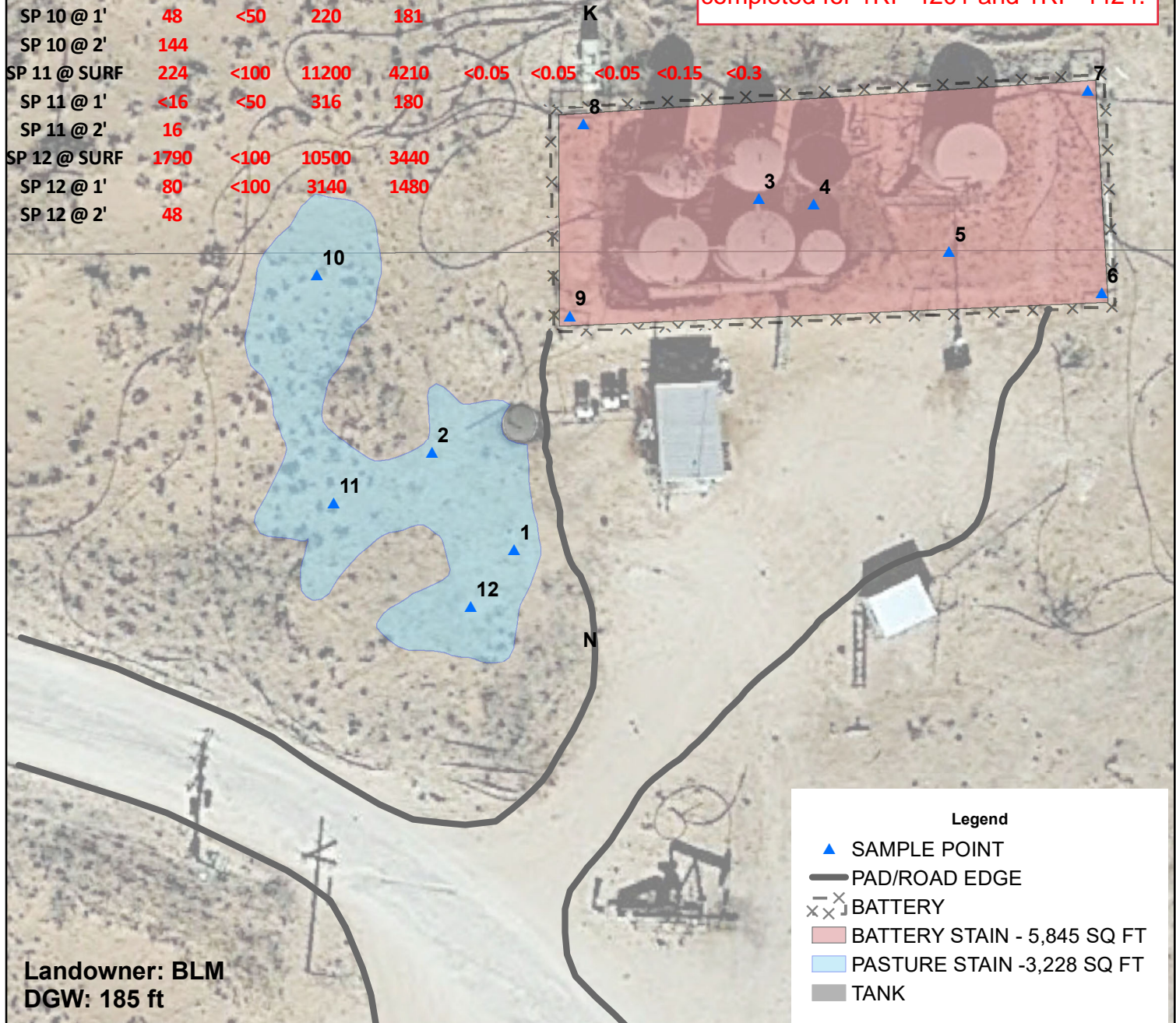
October 2016 Analytical

Sample	Cl-	GRO	DRO	EXT DRO	B	T	E	X	Total
SP 6 @ 4'	2520	<10	<10	<10	<0.05	<0.05	<0.05	<0.15	<0.3
SP 6 @ 6'	80								
SP 6 @ 8'	96								
SP 7 @ 4'	2840	<10	<10	<10					
SP 8 @ 4'	2080	<10	14	<10					
SP 9 @ 4'	1820	<10	1640	14.9					
SP 10 @ SURF	432	<50	2290	960					
SP 10 @ 1'	48	<50	220	181					
SP 10 @ 2'	144								
SP 11 @ SURF	224	<100	11200	4210	<0.05	<0.05	<0.05	<0.15	<0.3
SP 11 @ 1'	<16	<50	316	180					
SP 11 @ 2'	16								
SP 12 @ SURF	1790	<100	10500	3440					
SP 12 @ 1'	80	<100	3140	1480					
SP 12 @ 2'	48								

APPROVED

By Olivia Yu at 11:48 am, May 12, 2017

NMOCD considers delineation completed for 1RP-4201 and 1RP-4424.



ROBINSON OIL WALLEN TONTO FED 19-1 BATTERY

1RP 4201 & 1RP 4424

UL K & N SECTION 30
T-19-S R-33-E
LEA COUNTY, NM

Underground facilities are
spatially projected
and need to be field verified.

GPS: 32.627550 -103.703716

0 10 20

HHH Feet

GPS date: 2/25/16 ST

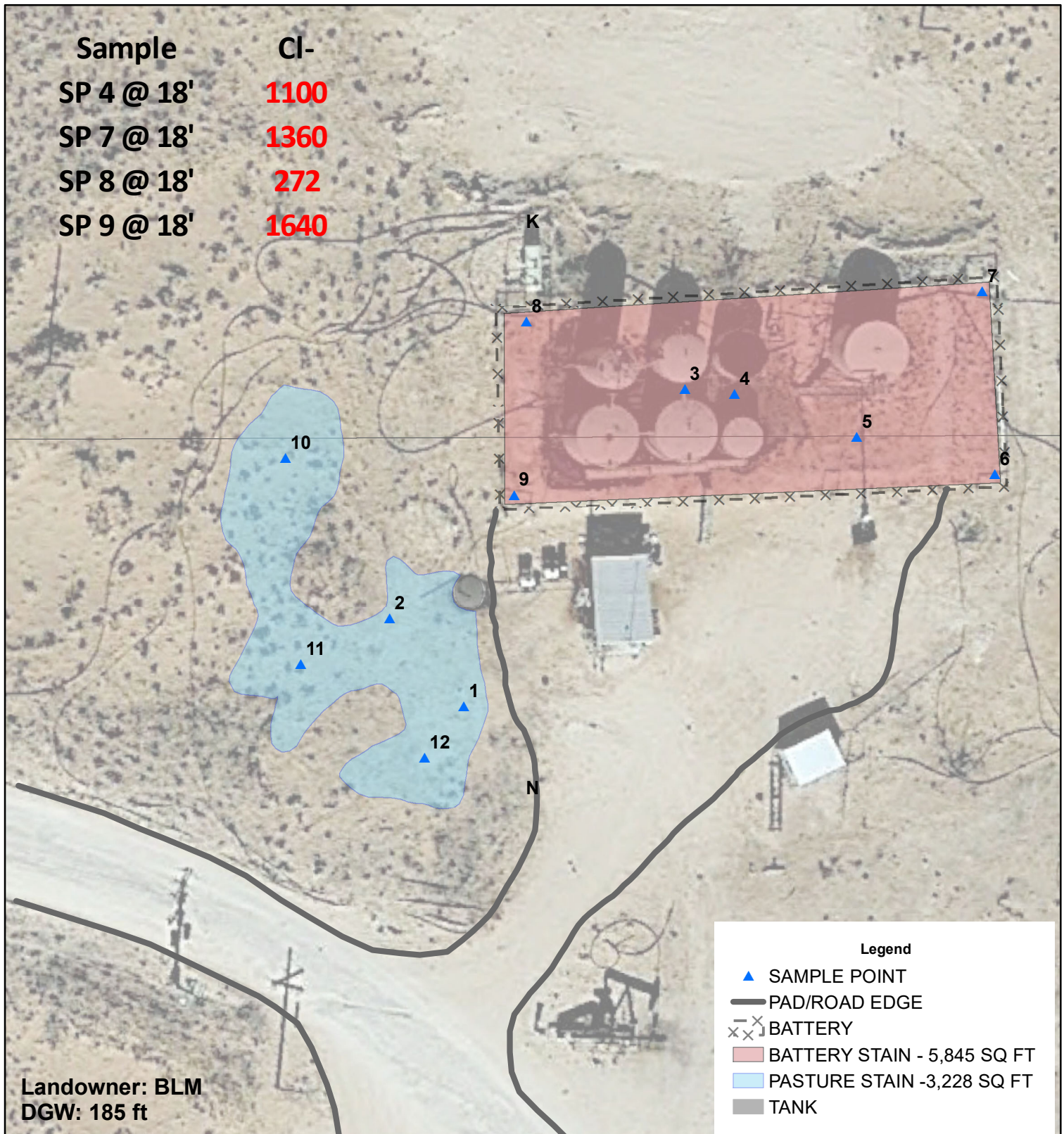
Drawing date: 1/31/17

Drafted by: T. Grieco



December 2016 Analytical

Sample	Cl-
SP 4 @ 18'	1100
SP 7 @ 18'	1360
SP 8 @ 18'	272
SP 9 @ 18'	1640



Legend

- ▲ SAMPLE POINT
- PAD/ROAD EDGE
- x-x-x BATTERY
- BATTERY STAIN - 5,845 SQ FT
- PASTURE STAIN - 3,228 SQ FT
- TANK



**ROBINSON OIL
WALLEN TONTO FED
19-1 BATTERY**

1RP 4201 & 1RP 4424

UL K & N SECTION 30
T-19-S R-33-E
LEA COUNTY, NM

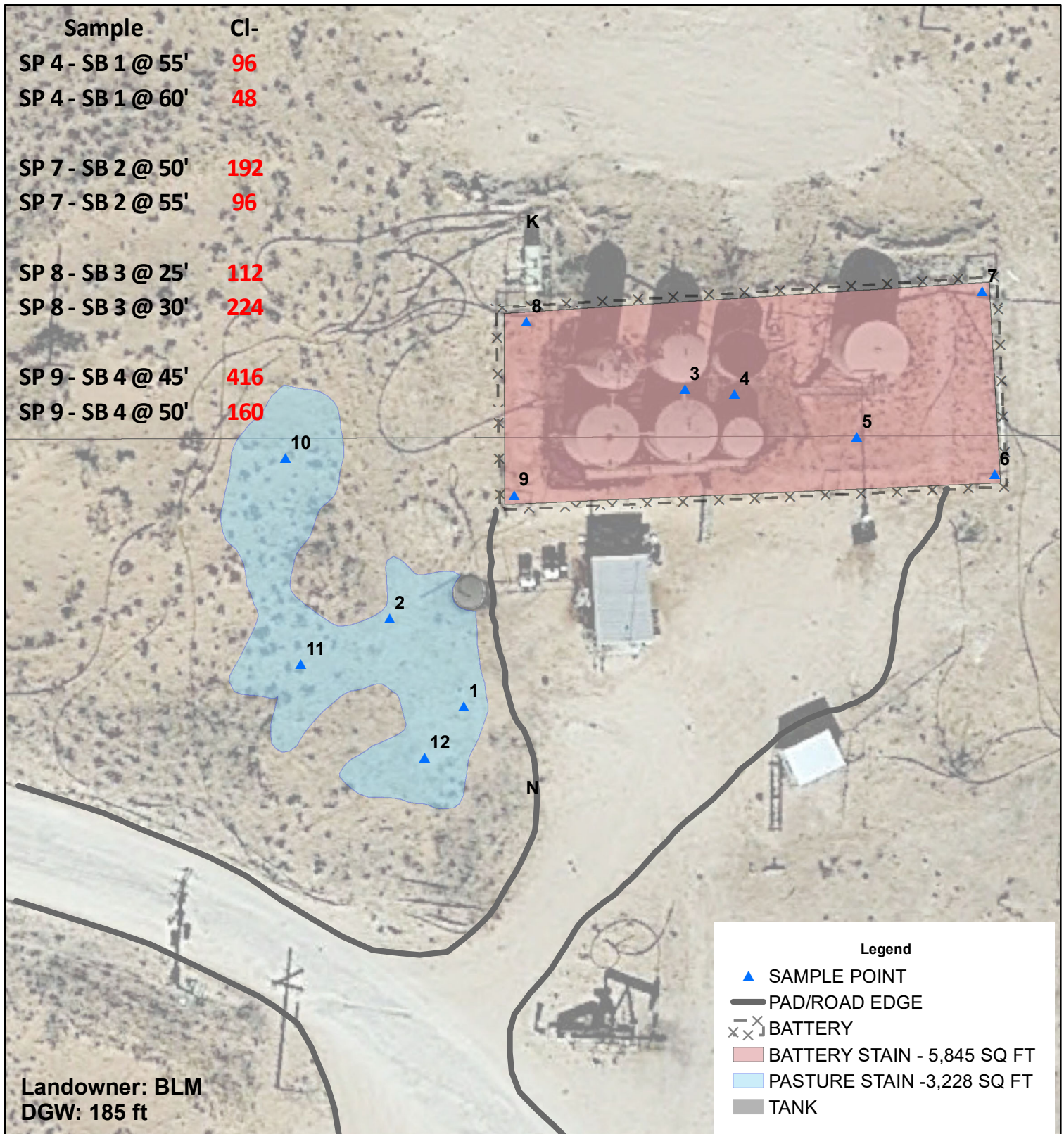
**Underground facilities are
spatially projected
and need to be field verified.**

GPS: 32.627550 -103.703716

0 10 20
HHH Feet

GPS date: 2/25/16 ST
Drawing date: 1/31/17
Drafted by: T. Grieco

January 2017 Analytical



ROBINSON OIL WALLEN TONTO FED 19-1 BATTERY

1RP 4201 & 1RP 4424

UL K & N SECTION 30
T-19-S R-33-E
LEA COUNTY, NM

**Underground facilities are
spatially projected
and need to be field verified.**

GPS: 32.627550 -103.703716

0 10 20

HHH Feet

GPS date: 2/25/16 ST

Drawing date: 1/31/17

Drafted by: T. Grieco





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

February 09, 2016

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: ROBINSON OIL TONTO

Enclosed are the results of analyses for samples received by the laboratory on 02/04/16 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	02/04/2016	Sampling Date:	02/02/2016
Reported:	02/09/2016	Sampling Type:	Soil
Project Name:	ROBINSON OIL TONTO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP #1 @ 2' (H600255-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/08/2016	ND	448	112	400	7.41		
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	02/05/2016	ND	196	97.8	200	3.35		
DRO >C10-C28	750	10.0	02/05/2016	ND	192	96.1	200	4.12		
EXT DRO >C28-C35	227	10.0	02/05/2016	ND						
<hr/>										
Surrogate: 1-Chlorooctane	75.7 %	35-147								
Surrogate: 1-Chlorooctadecane	106 %	28-171								

Sample ID: SP #2 @ 2' (H600255-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/08/2016	ND	448	112	400	7.41		
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	02/05/2016	ND	196	97.8	200	3.35		
DRO >C10-C28	456	10.0	02/05/2016	ND	192	96.1	200	4.12		
EXT DRO >C28-C35	118	10.0	02/05/2016	ND						
<hr/>										
Surrogate: 1-Chlorooctane	75.9 %	35-147								
Surrogate: 1-Chlorooctadecane	92.6 %	28-171								

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 02/04/2016
Reported: 02/09/2016
Project Name: ROBINSON OIL TONTO
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 02/02/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP #3 @ SURFACE (H600255-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12900	16.0	02/08/2016	ND	448	112	400	7.41	
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	02/05/2016	ND	196	97.8	200	3.35	
DRO >C10-C28	10.8	10.0	02/05/2016	ND	192	96.1	200	4.12	
EXT DRO >C28-C35	<10.0	10.0	02/05/2016	ND					
Surrogate: 1-Chlorooctane	69.6 %	35-147							
Surrogate: 1-Chlorooctadecane	77.5 %	28-171							

Sample ID: SP #3 @ 4' (H600255-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	02/08/2016	ND	448	112	400	7.41	
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	02/05/2016	ND	196	97.8	200	3.35	
DRO >C10-C28	121	10.0	02/05/2016	ND	192	96.1	200	4.12	
EXT DRO >C28-C35	35.3	10.0	02/05/2016	ND					
Surrogate: 1-Chlorooctane	71.5 %	35-147							
Surrogate: 1-Chlorooctadecane	74.9 %	28-171							

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	02/04/2016	Sampling Date:	02/02/2016
Reported:	02/09/2016	Sampling Type:	Soil
Project Name:	ROBINSON OIL TONTO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP #3 @ 6' (H600255-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	02/08/2016	ND	448	112	400	7.41	
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	02/05/2016	ND	196	97.8	200	3.35	
DRO >C10-C28	<10.0	10.0	02/05/2016	ND	192	96.1	200	4.12	
EXT DRO >C28-C35	<10.0	10.0	02/05/2016	ND					
Surrogate: 1-Chlorooctane	66.9 %	35-147							
Surrogate: 1-Chlorooctadecane	76.2 %	28-171							

Sample ID: SP #4 @ SURFACE (H600255-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9600	16.0	02/08/2016	ND	448	112	400	7.41	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<100	100	02/05/2016	ND	196	97.8	200	3.35	
DRO >C10-C28	2360	100	02/05/2016	ND	192	96.1	200	4.12	
EXT DRO >C28-C35	425	100	02/05/2016	ND					
Surrogate: 1-Chlorooctane	53.7 %	35-147							
Surrogate: 1-Chlorooctadecane	102 %	28-171							

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	02/04/2016	Sampling Date:	02/02/2016
Reported:	02/09/2016	Sampling Type:	Soil
Project Name:	ROBINSON OIL TONTO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP #4 @ 4' (H600255-07)

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	02/08/2016	ND	448	112	400	7.41	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1040	200	02/05/2016	ND	196	97.8	200	3.35	
DRO >C10-C28	7780	200	02/05/2016	ND	192	96.1	200	4.12	
EXT DRO >C28-C35	1280	200	02/05/2016	ND					
Surrogate: 1-Chlorooctane									
	117 %	35-147							
Surrogate: 1-Chlorooctadecane									
	163 %	28-171							

Sample ID: SP #4 @ 10' (H600255-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	02/08/2016	ND	448	112	400	7.41	
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	02/05/2016	ND	205	103	200	1.80	
DRO >C10-C28	<10.0	10.0	02/05/2016	ND	206	103	200	3.13	
EXT DRO >C28-C35	<10.0	10.0	02/05/2016	ND					
Surrogate: 1-Chlorooctane	63.4 %	35-147							
Surrogate: 1-Chlorooctadecane	74.5 %	28-171							

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	02/04/2016	Sampling Date:	02/02/2016
Reported:	02/09/2016	Sampling Type:	Soil
Project Name:	ROBINSON OIL TONTO	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP #5 @ SURFACE (H600255-09)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1600	16.0	02/08/2016	ND	448	112	400	7.41		
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	02/05/2016	ND	205	103	200	1.80		
DRO >C10-C28	14800	200	02/05/2016	ND	206	103	200	3.13		
EXT DRO >C28-C35	3680	200	02/05/2016	ND						
Surrogate: 1-Chlorooctane	60.1 %	35-147								
Surrogate: 1-Chlorooctadecane	364 %	28-171								

Sample ID: SP #5 @ 4' (H600255-10)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	02/08/2016	ND	448	112	400	7.41	
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	02/05/2016	ND	205	103	200	1.80	
DRO >C10-C28	31.9	10.0	02/05/2016	ND	206	103	200	3.13	
EXT DRO >C28-C35	<10.0	10.0	02/05/2016	ND					
Surrogate: 1-Chlorooctane	70.8 %	35-147							
Surrogate: 1-Chlorooctadecane	78.1 %	28-171							

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*=Accredited Analyte

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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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Basin Environmental Service Technologies, LLC		BILL TO		ANALYSIS REQUEST																			
Project Manager: Ben Arguilo		P.O. #:																					
Address: P.O. Box 301		Company: Basin Env.																					
City: Lovington		Attn: Jody																					
Phone #: (575)396-2378		Address: P.O. Box 301																					
Fax #: (575)396-1429		City: Lovington																					
Project #:		State: NM		Zip: 88260																			
Project Name: Robinson Oil Tonto		Phone #: (575) 396-2378																					
Project Location: Lea		Fax #: (575) 396-1429																					
Sampler Name: Bill Wooley		PRESERV.		SAMPLING																			
FOR LAB USE ONLY		MATRIX		DATE		TIME																	
Lab I.D.		GROUNDWATER		WASTEWATER		SOIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :							
Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS																			
H600255		SP#1 @ 2'		g		1		X		2/2/2016		12:30		X		X							
		SP#2 @ 2'		g		1		X		2/2/2016		12:35		X		X							
		SP#3 @ surface		g		1		X		2/2/2016		12:40		X		X							
		SP#3 @ 4'		g		1		X		2/2/2016		13:15		X		X							
		SP#3 @ 6'		g		1		X		2/2/2016		13:30		X		X							
		SP#4 @ surface		g		1		X		2/2/2016		12:45		X		X							
		SP#4 @ 4'		g		1		X		2/2/2016		13:20		X		X							
		SP#4 @ 10'		g		1		X		2/2/2016		14:25		X		X							
		SP#5 @ surface		g		1		X		2/2/2016		12:50		X		X							
		SP#5 @ 4'		g		1		X		2/2/2016		13:25		X		X							

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Relinquished By:	Date: 2-4-16	Received By:	Time: 14:45
Relinquished By: <i>Beckley</i>	Date: 16:00	Received By: <i>Shawn</i>	Time:

Delivered By: (Circle One)	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - Other:	<input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	(Initials)

2.42

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:
Please email results to pm@basinenv.com & Taserote@BassPet.com

October 14, 2016

ROBBIE RUNNELS

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: WALLEN TONTO FEDERAL 19-1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/11/16 10:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
ROBBIE RUNNELS
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	10/11/2016	Sampling Date:	10/10/2016
Reported:	10/14/2016	Sampling Type:	Soil
Project Name:	WALLEN TONTO FEDERAL 19-1 BATTER\	Sampling Condition:	Cool & Intact
Project Number:	ROBINSON OIL	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 6 @ 4' (H602284-01)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2016	ND	2.15	107	2.00	2.56	
Toluene*	<0.050	0.050	10/12/2016	ND	2.21	111	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/12/2016	ND	2.15	108	2.00	2.86	
Total Xylenes*	<0.150	0.150	10/12/2016	ND	6.47	108	6.00	3.14	
Total BTX	<0.300	0.300	10/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2520	16.0	10/12/2016	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/11/2016	ND	182	91.2	200	12.5	
DRO >C10-C28	<10.0	10.0	10/11/2016	ND	192	96.1	200	7.27	
EXT DRO >C28-C35	<10.0	10.0	10/11/2016	ND					

Surrogate: 1-Chlorooctane 85.1 % 35-147

Surrogate: 1-Chlorooctadecane 95.6 % 28-171

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Received:	10/11/2016	Sampling Date:	10/10/2016
Reported:	10/14/2016	Sampling Type:	Soil
Project Name:	WALLEN TONTO FEDERAL 19-1 BATTER	Sampling Condition:	Cool & Intact
Project Number:	ROBINSON OIL	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 6 @ 6' (H602284-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/12/2016	ND	432	108	400	3.77		

Sample ID: SP 6 @ 8' (H602284-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/12/2016	ND	432	108	400	3.77	

Sample ID: SP 7 @ 4' (H602284-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2840	16.0	10/12/2016	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/12/2016	ND	182	91.2	200	12.5	
DRO >C10-C28	<10.0	10.0	10/12/2016	ND	192	96.1	200	7.27	
EXT DRO >C28-C35	<10.0	10.0	10/12/2016	ND					

Surrogate: 1-Chlorooctane 99.8 % 35-147

Surrogate: 1-Chlorooctadecane 99.2 % 28-171

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Fax To: (575) 396-1429

Received:	10/11/2016	Sampling Date:	10/10/2016
Reported:	10/14/2016	Sampling Type:	Soil
Project Name:	WALLEN TONTO FEDERAL 19-1 BATTER	Sampling Condition:	Cool & Intact
Project Number:	ROBINSON OIL	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 8 @ 4' (H602284-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	10/12/2016	ND	432	108	400	3.77	
TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/12/2016	ND	182	91.2	200	12.5	
DRO >C10-C28	14.0	10.0	10/12/2016	ND	192	96.1	200	7.27	
EXT DRO >C28-C35	<10.0	10.0	10/12/2016	ND					
Surrogate: 1-Chlorooctane	95.4 %	35-147							
Surrogate: 1-Chlorooctadecane	104 %	28-171							

Sample ID: SP 9 @ 4' (H602284-06)

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	10/12/2016	ND	432	108	400	3.77	
TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/12/2016	ND	182	91.2	200	12.5	
DRO >C10-C28	1640	10.0	10/12/2016	ND	192	96.1	200	7.27	
EXT DRO >C28-C35	14.9	10.0	10/12/2016	ND					
Surrogate: 1-Chlorooctane	92.1 %	35-147							
Surrogate: 1-Chlorooctadecane	116 %	28-171							

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Celey D. Keene, Lab Director/Quality Manager

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Lovington NM, 88260
Fax To: (575) 396-1429

Received:	10/11/2016	Sampling Date:	10/10/2016
Reported:	10/14/2016	Sampling Type:	Soil
Project Name:	WALLEN TONTO FEDERAL 19-1 BATTER	Sampling Condition:	Cool & Intact
Project Number:	ROBINSON OIL	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 10 @ SURFACE (H602284-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	10/12/2016	ND	432	108	400	3.77	
TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	10/12/2016	ND	182	91.2	200	12.5	
DRO >C10-C28	2290	50.0	10/12/2016	ND	192	96.1	200	7.27	
EXT DRO >C28-C35	960	50.0	10/12/2016	ND					
Surrogate: 1-Chlorooctane	90.1 %	35-147							
Surrogate: 1-Chlorooctadecane	146 %	28-171							

Sample ID: SP 10 @ 1' (H602284-08)

Chloride, SM4500Cl-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	10/12/2016	ND	432	108	400	3.77	
TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	10/12/2016	ND	182	91.2	200	12.5	
DRO >C10-C28	220	50.0	10/12/2016	ND	192	96.1	200	7.27	
EXT DRO >C28-C35	181	50.0	10/12/2016	ND					
Surrogate: 1-Chlorooctane	91.3 %	35-147							
Surrogate: 1-Chlorooctadecane	123 %	28-171							

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
ROBBIE RUNNELS
P.O. Box 301
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Fax To: (575) 396-1429

Received:	10/11/2016	Sampling Date:	10/10/2016
Reported:	10/14/2016	Sampling Type:	Soil
Project Name:	WALLEN TONTO FEDERAL 19-1 BATTER	Sampling Condition:	Cool & Intact
Project Number:	ROBINSON OIL	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 10 @ 2' (H602284-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	10/12/2016	ND	400	100	400	0.00		

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Analytical Results For:

Basin Environmental Service
ROBBIE RUNNELS
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	10/11/2016	Sampling Date:	10/10/2016
Reported:	10/14/2016	Sampling Type:	Soil
Project Name:	WALLEN TONTO FEDERAL 19-1 BATTER	Sampling Condition:	Cool & Intact
Project Number:	ROBINSON OIL	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 11 @ SURFACE (H602284-10)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2016	ND	2.15	107	2.00	2.56		
Toluene*	<0.050	0.050	10/12/2016	ND	2.21	111	2.00	2.87		
Ethylbenzene*	<0.050	0.050	10/12/2016	ND	2.15	108	2.00	2.86		
Total Xylenes*	<0.150	0.150	10/12/2016	ND	6.47	108	6.00	3.14		
Total BTEX	<0.300	0.300	10/12/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	10/12/2016	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<100	100	10/12/2016	ND	182	91.2	200	12.5		
DRO >C10-C28	11200	100	10/12/2016	ND	192	96.1	200	7.27		
EXT DRO >C28-C35	4210	100	10/12/2016	ND						

Surrogate: 1-Chlorooctane 102 % 35-147

Surrogate: 1-Chlorooctadecane 880 % 28-171

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Fax To: (575) 396-1429

Received:	10/11/2016	Sampling Date:	10/10/2016
Reported:	10/14/2016	Sampling Type:	Soil
Project Name:	WALLEN TONTO FEDERAL 19-1 BATTER	Sampling Condition:	Cool & Intact
Project Number:	ROBINSON OIL	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 11 @ 1' (H602284-11)

Chloride, SM4500CI-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	10/12/2016	ND	400	100	400	0.00	
TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	10/12/2016	ND	182	91.2	200	12.5	
DRO >C10-C28	316	50.0	10/12/2016	ND	192	96.1	200	7.27	
EXT DRO >C28-C35	180	50.0	10/12/2016	ND					
Surrogate: 1-Chlorooctane	101 %	35-147							
Surrogate: 1-Chlorooctadecane	126 %	28-171							

Sample ID: SP 11 @ 2' (H602284-12)

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	10/12/2016	ND	400	100	400	0.00	

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Fax To: (575) 396-1429

Received:	10/11/2016	Sampling Date:	10/10/2016
Reported:	10/14/2016	Sampling Type:	Soil
Project Name:	WALLEN TONTO FEDERAL 19-1 BATTER	Sampling Condition:	Cool & Intact
Project Number:	ROBINSON OIL	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 12 @ SURFACE (H602284-13)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	1790	16.0	10/12/2016	ND	400	100	400	0.00			
TPH 8015M		mg/kg	Analyzed By: CK								S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	<100	100	10/12/2016	ND	203	102	200	13.9			
DRO >C10-C28	10500	100	10/12/2016	ND	203	101	200	6.47	QM-07, QR-03		
EXT DRO >C28-C35	3440	100	10/12/2016	ND							
Surrogate: 1-Chlorooctane	106 %	35-147									
Surrogate: 1-Chlorooctadecane	826 %	28-171									

Sample ID: SP 12 @ 1' (H602284-14)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/12/2016	ND	400	100	400	0.00		
TPH 8015M		mg/kg	Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<100	100	10/12/2016	ND	203	102	200	13.9		
DRO >C10-C28	3140	100	10/12/2016	ND	203	101	200	6.47		
EXT DRO >C28-C35	1480	100	10/12/2016	ND						
Surrogate: 1-Chlorooctane	106 %	35-147								
Surrogate: 1-Chlorooctadecane	182 %	28-171								

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Received:	10/11/2016	Sampling Date:	10/10/2016
Reported:	10/14/2016	Sampling Type:	Soil
Project Name:	WALLEN TONTO FEDERAL 19-1 BATTER	Sampling Condition:	Cool & Intact
Project Number:	ROBINSON OIL	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 12 @ 2' (H602284-15)

Chloride, SM4500Cl-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	10/12/2016	ND	400	100	400	0.00	

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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.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside if QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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



Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Basin Environmental		P.O. #:		BILL TO										ANALYSIS REQUEST																											
Project Manager: Robbie Runnels		Company: Robinson Oil																																							
Address: P.O. Box 301		Attn: Jason Robinson																																							
City: Lovington		Address: P.O. Box 1829																																							
State: NM Zip: 88260																																									
Phone #:		City: Eunice																																							
Fax #:		State: NM Zip: 88231																																							
Project #:		Phone #:																																							
Project Name: Wallen Tonto Federal 19-1 Battery																																									
Project Location: Lea County																																									
Sample Name: Robbie Runnels		Fax #:																																							
FOR LAB USE ONLY																																									
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		Chlorides		TPH 8015 M		BTEX		Texas TPH		Complete Cations/Anions		TDS	
H002284		1		1		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		12:45		✓		✓		✓							
1		SP6 @ 4'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		12:55		✓		✓		✓							
2		SP6 @ 6'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		13:00		✓		✓		✓							
3		SP6 @ 8'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		13:30		✓		✓		✓							
4		SP7 @ 4'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		14:00		✓		✓		✓							
5		SP8 @ 4'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		14:20		✓		✓		✓							
6		SP9 @ 4'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		14:40		✓		✓		✓							
7		SP10 @ Surface		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		14:50		✓		✓		✓							
8		SP10 @ 1'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		15:00		✓		✓		✓							
9		SP10 @ 2'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		15:10		✓		✓		✓							
10		SP11 @ Surface		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		15:10		✓		✓		✓							

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 analysis. 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 interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors 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 reasons or otherwise.

Relinquished By: Robbie Runnels	Date: 10/11/16	Received By: Robbie Runnels	Time: 10:35
Relinquished By:	Date:	Received By:	Time:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	5.50	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (initials) RJR

Hold SP10@2, SP11@2, SP12@2 until results are received.
May need to run TPH on these.
Email results to zekezenaludy@aol.com
Robbie

Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476
#75



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Basin Environmental		P.O. #:		BILL TO																																					
Project Manager: Robbie Runnels		Company: Robinson Oil		ANALYSIS REQUEST																																					
Address: P.O. Box 301		Attn: Jason Robinson																																							
City: Lovington		Address: P.O. Box 1829																																							
State: NM Zip: 88260		City: Eunice																																							
Phone #:		State: NM Zip: 88231																																							
Fax #:		Phone #:																																							
Project #:		Project Owner: Robinson Oil																																							
Project Name: Wallen Tonto Federal 19-1 Battery		State: NM Zip: 88231																																							
Project Location: Lea County		Phone #:																																							
Sampler Name: Robbie Runnels		Fax #:																																							
FOR LAB USE ONLY		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		Chlorides		TPH 8015 M		BTEX		Texas TPH		Complete Cations/Anions		TDS	
H602284		11		SP11 @ 1'		5		1		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		15:20		✓		✓									
12		SP11 @ 2'		6		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		15:30		✓		✓									
13		SP12 @ Surface		6		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		15:40		✓		✓									
14		SP12 @ 1'		6		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		15:50		✓		✓									
15		SP12 @ 2'		6		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/10/16		16:00		✓		✓									
Relinquished By:		Date:		10/11/16		Received By:		Date:		10/11/16		Time:		10:35		Received By:		10:35		Time:		10:35		Time:		10:35		Time:		10:35		Time:		10:35		Time:		10:35			
Robbie Runnels		Time:		10:35		Received By:		10:35		Time:		10:35		Time:		10:35		Time:		10:35		Time:		10:35		Time:		10:35		Time:		10:35		Time:		10:35					
Relinquished By:		Date:		10/11/16		Received By:		Date:		10/11/16		Time:		10:35		Received By:		10:35		Time:		10:35		Time:		10:35		Time:		10:35		Time:		10:35		Time:		10:35			
Delivered By: (Circle One)		Sample Condition		Cool		Intact		Checked By:		(Initials)		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50					
Sampler - UPS - Bus - Other:		Sample Condition		Cool		Intact		Checked By:		(Initials)		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50					
Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476		Sample Condition		Cool		Intact		Checked By:		(Initials)		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50		5.50					

January 05, 2017

ROBBIE RUNNELS

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: WALLEN TONTO FEDERAL 19-1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/03/17 10:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
ROBBIE RUNNELS
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	01/03/2017	Sampling Date:	12/28/2016
Reported:	01/05/2017	Sampling Type:	Soil
Project Name:	WALLEN TONTO FEDERAL 19-1 BATTER\	Sampling Condition:	** (See Notes)
Project Number:	ROBINSON OIL	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 4 @ 18' (H700002-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	01/04/2017	ND	416	104	400	0.00	

Sample ID: SP 7 @ 18' (H700002-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	01/04/2017	ND	416	104	400	0.00	

Sample ID: SP 8 @ 18' (H700002-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/04/2017	ND	416	104	400	0.00	

Sample ID: SP 9 @ 18' (H700002-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1640	16.0	01/04/2017	ND	416	104	400	0.00	

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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



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Basin Environmental Service Technologies, LLC

Project Manager: Robbie Runnels

Address: P.O. Box 301

City: Lovington State: NM Zip: 88260

Phone #: (575)396-2378 Fax #: (575)396-1429

Project #: Project Owner: Robinson Oil

Project Name: Wallen Tonto Federal 19-1 Battery

Project Location: Lea

Sampler Name: Robbie Runnels

P.O. #:

Company: Robinson Oil

Attn: Jason Robinson

Address:

City:

State: NM Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H700002

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

Chloride

TPH (8015M)

BTEX (8021B)

1 SP4@18'
2 SP7@18'
3 SP8@18'
4 SP9@18'

g

1

X

X

X

X

X

X

X

X

X

X

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X

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Relinquished By: Robbie Runnels

Date: 4/28/2016

Received By: [Signature]

Phone Result: ☐ Yes ☐ No Add'l Phone #:

Fax Result: ☐ Yes ☐ No Add'l Fax #:

Relinquished By:

Date:

Time:

Received By:

REMARKS:

Please email results to pm@basinenv.com

Relinquished By:

Date:

Time:

Received By:

REMARKS:

Please email results to pm@basinenv.com

Delivered By: (Circle One)

#75

10.10

Sample Condition

Cool ☒ Intact ☒

Yes ☒ No ☒

CHECKED BY: [Signature]

REMARKS:

Sampler - UPS - Bus - Other:

#75

10.10

Sample Condition

Cool ☒ Intact ☒

Yes ☒ No ☒

CHECKED BY: [Signature]

REMARKS:

FORM-006

Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

January 19, 2017

ROBBIE RUNNELS

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: WALLEN TONTO FEDERAL 19-1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/16/17 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
ROBBIE RUNNELS
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	01/16/2017	Sampling Date:	01/13/2017
Reported:	01/19/2017	Sampling Type:	Soil
Project Name:	WALLEN TONTO FEDERAL 19-1 BATTER\	Sampling Condition:	** (See Notes)
Project Number:	ROBINSON OIL	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 4 - SB-1 @ 55' (H700106-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/17/2017	ND	416	104	400	3.77	

Sample ID: SP 4 - SB-1 @ 60' (H700106-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/17/2017	ND	416	104	400	3.77	

Sample ID: SP 7 - SB-2 @ 50' (H700106-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/17/2017	ND	416	104	400	3.77	

Sample ID: SP 7 - SB-2 @ 55' (H700106-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/17/2017	ND	416	104	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Basin Environmental Service
 ROBBIE RUNNELS
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	01/16/2017	Sampling Date:	01/13/2017
Reported:	01/19/2017	Sampling Type:	Soil
Project Name:	WALLEN TONTO FEDERAL 19-1 BATTER	Sampling Condition:	** (See Notes)
Project Number:	ROBINSON OIL	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 8 - SB-3 @ 25' (H700106-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/17/2017	ND	416	104	400	3.77		

Sample ID: SP 8 - SB-3 @ 30' (H700106-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/17/2017	ND	416	104	400	3.77	

Sample ID: SP 9 - SB-4 @ 45' (H700106-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	01/18/2017	ND	432	108	400	0.00	

Sample ID: SP 9 - SB-4 @ 50' (H700106-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/18/2017	ND	432	108	400	0.00	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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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

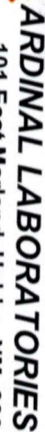
Cardinal Laboratories

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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

Page 5 of 5