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OXY USA, Inc.
South Hobbs Grayburg San Andres Unit
136
Closure Report
1RP-3478

Section 4, T19S, R38E
Lea County, New Mexico

September 3, 2015

Prepared for:

OXY USA, Inc.
1017 W Stanolind Road
Hobbs, New Mexico 88240

By:

Safety & Environmental Solutions, Inc.
703 East Clinton Street
Hobbs, New Mexico 88240
(575) 397-0510

TABLE OF CONTENTS

I. COMPANY CONTACTS **1**

II. BACKGROUND **1**

III. SURFACE AND GROUND WATER **1**

IV. CHARACTERIZATION **1**

V. WORK PERFORMED **2**

VI. ACTION PLAN **4**

VII. FIGURES & APPENDICES **4**

Figure 1 – Vicinity Map 5
Figure 2 – Site Plan 7
Appendix A – Analytical Results 9
Appendix B – C-141 18
Appendix C – Site Photographs 20
Appendix D - Groundwater Study 21

I. Company Contacts

Representative	Company	Telephone	E-mail
Raymond Aguilar	OXY USA, INC.	575-390-6312	Raymond_Aguilar@oxy.com
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

II. Background

Safety and Environmental Solutions, Inc. (SESI) was engaged by OXY USA, INC to perform site assessment of a release area at the South Hobbs Grayburg San Andres Unit 136 located in Section 4 of Township 19 South, Range 38 East, Lea County, New Mexico.

According to the C-141 the cause of release was internal and external corrosion.

III. Surface and Ground Water

The New Mexico Office of State Engineer record is in Section 4 Range 38 East and Township 19 South. The reported depth was 43 feet below ground surface (BGS).
The average depth to water for the area is 55' bgs.

IV. Characterization

The target cleanup levels are determined using the *Guidelines for Remediation of Leaks, Spills and Releases* published by the NMOCD (August 13, 1993). Based on the ranking criteria presented below, the applicable Recommended Remediation Action Levels (RRAL) are 10 parts per million (ppm) Benzene, 50 ppm combined benzene, toluene, ethylbenzene, and total xylenes (BTEX), and 100 ppm Total Petroleum Hydrocarbons (TPH).

Depth to Ground Water:			
(Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet	20 points	
	50 feet to 99 feet	10 points	
	>100 feet	0 points	**X**
Wellhead Protection Area:			
(Less than 200 feet from a private domestic water source; or less than 1000 feet from all other water sources)	Yes	20 points	
	No	0 points	**X**
Distance to Surface Water:			
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet	20 points	
	200 feet to 1000 feet	10 points	
	>1000 feet	0 points	**X**
RANKING SCORE (TOTAL POINTS)			**0**

V. Work Performed

On November 18, 2014, Safety & Environmental Solutions, Inc. was onsite to determine vertical extent of contamination. Sample BH 1 was taken at the a depth of 2' ft. bgs. Samples BH 2 were taken at a depth of 2' ft. and 3' ft. respectively. Sample BH 3 was taken at a depth of 2' ft. All samples were properly packaged, preserved and transported to the Laboratory, Hobbs New Mexico and analyzed for Benzene, Toluene, Ethylbenzene, Xylenes, Total BTEX and Chloride (Cl^-) (Method SM4500Cl-B). The results of the analysis are presented in the table below:

Sample Date 2/13/2014	Sample ID	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX
Depth	Method					
BH 1 at 2'	BTEX 8021B	<0.050	<0.050	<0.050	<0.150	<0.300
BH 2 at 2'	BTEX 8021B	<0.050	<0.050	<0.061	<0.150	<0.300
BH 3 at 2'	BTEX 8021B	<0.050	<0.050	<0.050	<0.150	<0.300
BH 2 at 3'	BTEX 8021B	<0.050	<0.050	<0.050	<0.150	<0.300

Sample Date 2/13/2014	Sample ID	Chloride (Cl)	Sample ID	GRO (C_6-C_{10}) (mg/kg)	DRO (>C_{10}-C_{28}) (mg/kg)
Depth	**Method**		**Method**		
BH 1 at 2'	SM4500Cl-B	64.0	TPH 8015M	<10.0	<10.0
BH 2 at 2'	SM4500Cl-B	<16.0	TPH 8015M	<50.0	<50.0
BH 3 at 2'	SM4500Cl-B	80.0	TPH 8015M	<10.0	174
BH 2 at 3'	SM4500Cl-B	<16.0	TPH 8015M	<50.0	<50.0

On January 6, 2015 SESI received approval from the NMOCD representative to commence remediation activities on this site. Whereby, the following was proposed:

1. Excavate 18" to remove all contaminated soil and transport to an NMOCD approved facility for disposal.
2. The excavated area was to be backfilled with native soil and returned to natural grade.
3. No further action was necessary.

On August 07, 2015 SESI personnel together with Custom Welding personnel were on location to excavate the impacted area according the approved Work Plan. Simultaneous representative soil samples were retrieved and field tested for BTEX, Chloride, and TPH constituents. Representative soil samples from the sidewalls and bottom, of the excavated area were properly packaged and delivered to an NMOCD approved commercial laboratory for analysis. The following is a recap of the returned soil analyses from Cardinal Laboratories:

Sample Date 8/7/2015	Sample ID	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Xylenes (mg/kg)	Total BTEX
Depth	Method					
SP-1 West Wall	BTEX 8021B	<0.050	<0.050	<0.050	<0.150	<0.300
SP-2 East Wall	BTEX 8021B	<0.050	<0.050	<0.050	<0.150	<0.300
SP-3 North Wall	BTEX 8021B	0.050	<0.050<	<0.050	<0.150	<0.300
SP-4 South Wall	BTEX 8021B	0.050	<0.050<	<0.050	<0.150	<0.300
SP-5 Bottom	BTEX 8021B	0.050	<0.050<	<0.050	<0.150	<0.300
SP-6 Bottom	BTEX 8021B	0.050	<0.050<	<0.050	<0.150	<0.300
SP-7 Bottom	BTEX 8021B	0.050	<0.050<	<0.050	<0.150	<0.300

Sample Date 8/7/2015	Sample ID	Chloride (Cl)	Sample ID	GRO (C_6-C_{10}) (mg/kg)	DRO (>C_{10}-C_{28}) (mg/kg)
Depth	**Method**		**Method**		
SP-1 West Wall	SM4500Cl-B	80	TPH 8015M	<50	8060
SP-2 East Wall	SM4500Cl-B	64	TPH 8015M	<10	46
SP-3 North Wall	SM4500Cl-B	96	TPH 8015M	<50	8300
SP-4 South Wall	SM4500Cl-B	80	TPH 8015M	<50	9240
SP-5 Bottom	SM4500Cl-B	32	TPH 8015M	<10	16.8
SP-6 Bottom	SM4500Cl-B	80	TPH 8015M	<10	<10
SP-7 Bottom	SM4500Cl-B	48	TPH 8015M	<10	<10

Based on the above analytical results: On August 17, 2015 SESI personnel returned to the site location: furthering the excavation efforts of the North, South, and West wall respectively, to such extent that representative soil samples tested <210 mg/kg for TPH, and <124 for Chloride constituents. The representative soil samples were properly packaged and delivered to Cardinal Laboratory for confirmation. The following is a recap of the analyses:

Sample Date 8/17/2015	BTEX SM4500Cl-B	Chloride (Cl)	Sample ID	GRO (C_6-C_{10}) (mg/kg)	DRO (>C_{10}-C_{28}) (mg/kg)
Depth			**Method**		
South Wall	<.300	64	TPH 8015M	<10	<10
North Wall	<.300	32	TPH 8015M	<50	<50
West Wall	<.300	64	TPH 8015M	<50	<50

VI. Action Plan

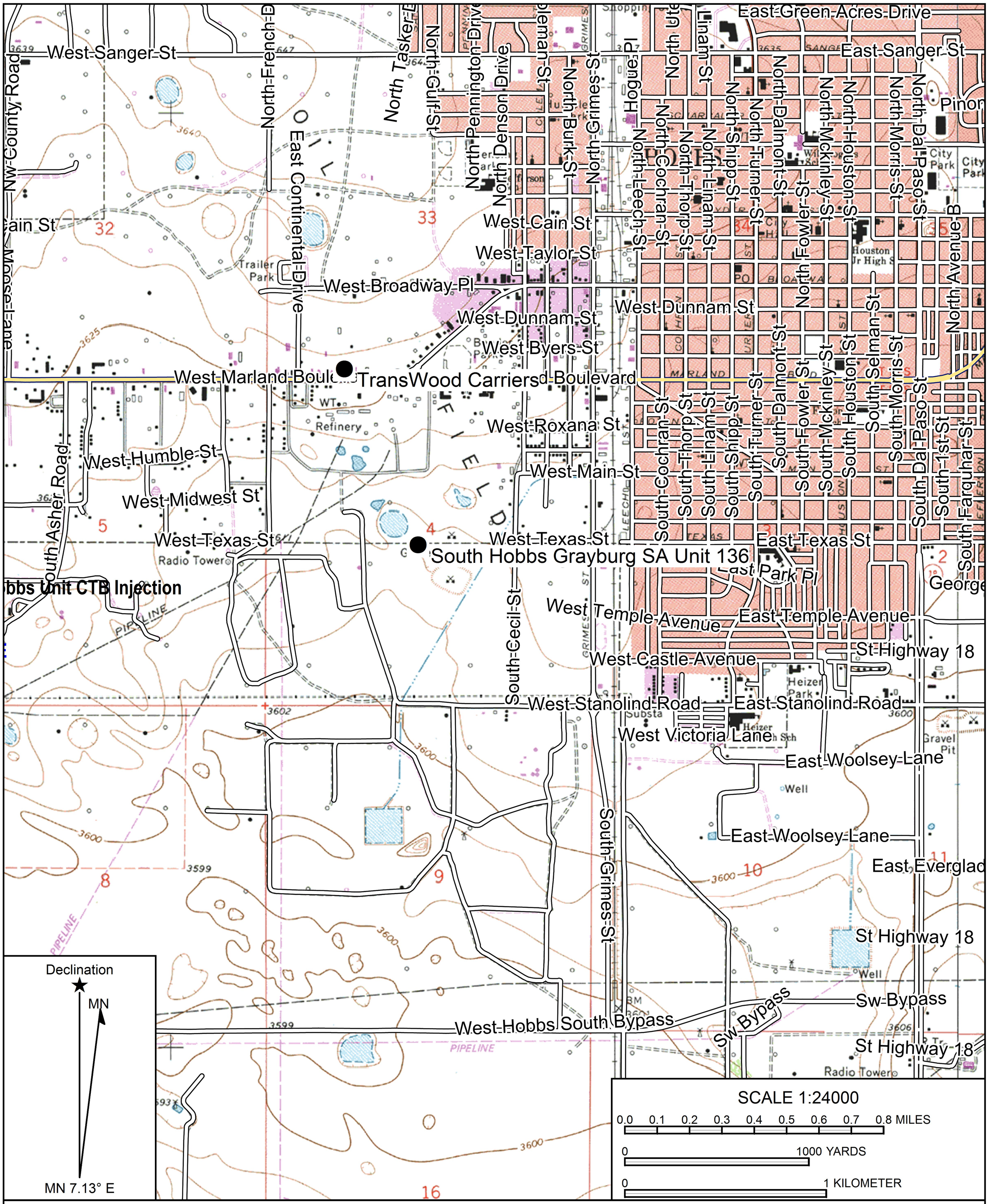
Based on the above laboratory analyses: the excavation was backfilled with soil native to the area and restored to grade. All impacted soils were removed to an NMOCD approved facility. No further action is necessary.

On behalf of Oxy, SESI respectfully requests closure of the regulatory file for this site.

VII. Figures & Appendices

Figure 1 – Vicinity Map
Figure 2 – Site Plan
Figure 3 – NMOCD Trend Map
Appendix A – Analytical Results
Appendix B – C-141
Appendix C – Site Photographs
Appendix D – Groundwater Research

Figure 1
Vicinity Map



Name: HOBBS WEST,
Date: 12/01/14
Scale: 1 inch = 2,000 ft.

Location: 032.6867000° N, 103.1500801° W
Caption: South Hobbs Grayburg San Andres Unit 136

Copyright (C) 2008, MyTopo

Figure 2
Site Plan

Oil or Gas Well 9
Sample Point 4
Sample Point 6
Sample Point 2
Sample Point 3
Sample Point 7
Sample Point 5
Sample Point 8
Oxy South Hobbs Grayburg Unit 136
Excavated Area with confirmation Sample Point Positions
© 2015 Google
Google earth
1997
Imagery Date: 2/12/2014 32°41'21.63" N 103°09'13.94" W elev 3615 ft eye alt 3874 ft

Appendix A
Analytical Results

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

November 21, 2014

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: GRAYBURG UNIT #136

Enclosed are the results of analyses for samples received by the laboratory on 11/18/14 14:20.

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.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	11/18/2014	Sampling Date:	11/18/2014
Reported:	11/21/2014	Sampling Type:	Soil
Project Name:	GRAYBURG UNIT #136	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-024	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: BH-1 2' BGS (H403548-01)

BTEX 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	11/21/2014	ND	1.96	98.1	2.00	6.95	
Toluene*	<0.050	0.050	11/21/2014	ND	1.90	95.2	2.00	7.27	
Ethylbenzene*	<0.050	0.050	11/21/2014	ND	1.88	93.8	2.00	6.56	
Total Xylenes*	<0.150	0.150	11/21/2014	ND	5.65	94.2	6.00	6.68	
Total BTEX	<0.300	0.300	11/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.0 %* *61-154*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/20/2014	ND	400	100	400	0.00	

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	11/19/2014	ND	199	99.5	200	0.490	
DRO >C10-C28	<10.0	10.0	11/19/2014	ND	205	103	200	0.499	

Surrogate: 1-Chlorooctane *125 %* *47.2-157*

Surrogate: 1-Chlorooctadecane *141 %* *52.1-176*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	11/18/2014	Sampling Date:	11/18/2014
Reported:	11/21/2014	Sampling Type:	Soil
Project Name:	GRAYBURG UNIT #136	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-024	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: BH-2 2' BGS (H403548-02)

BTEX 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	11/21/2014	ND	1.96	98.1	2.00	6.95	
Toluene*	<0.050	0.050	11/21/2014	ND	1.90	95.2	2.00	7.27	
Ethylbenzene*	**0.061**	0.050	11/21/2014	ND	1.88	93.8	2.00	6.56	
Total Xylenes*	<0.150	0.150	11/21/2014	ND	5.65	94.2	6.00	6.68	
Total BTEX	<0.300	0.300	11/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.2 %* *61-154*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/20/2014	ND	400	100	400	0.00	

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	11/19/2014	ND	191	95.6	200	1.99	
DRO >C10-C28	<50.0	50.0	11/19/2014	ND	194	96.8	200	0.864	

Surrogate: 1-Chlorooctane *120 %* *47.2-157*

Surrogate: 1-Chlorooctadecane *135 %* *52.1-176*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	11/18/2014	Sampling Date:	11/18/2014
Reported:	11/21/2014	Sampling Type:	Soil
Project Name:	GRAYBURG UNIT #136	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-024	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: BH-3 2' BGS (H403548-03)

BTEX 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	11/21/2014	ND	1.96	98.1	2.00	6.95	
Toluene*	<0.050	0.050	11/21/2014	ND	1.90	95.2	2.00	7.27	
Ethylbenzene*	<0.050	0.050	11/21/2014	ND	1.88	93.8	2.00	6.56	
Total Xylenes*	<0.150	0.150	11/21/2014	ND	5.65	94.2	6.00	6.68	
Total BTEX	<0.300	0.300	11/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.8 %* *61-154*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/20/2014	ND	400	100	400	0.00	

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	11/19/2014	ND	191	95.6	200	1.99	
DRO >C10-C28	**174**	10.0	11/19/2014	ND	194	96.8	200	0.864	

Surrogate: 1-Chlorooctane *123 %* *47.2-157*

Surrogate: 1-Chlorooctadecane *144 %* *52.1-176*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
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Fax To: (575) 393-4388

Received:	11/18/2014	Sampling Date:	11/18/2014
Reported:	11/21/2014	Sampling Type:	Soil
Project Name:	GRAYBURG UNIT #136	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-024	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: BH-2 3' BGS (H403548-04)

BTEX 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	11/21/2014	ND	1.96	98.1	2.00	6.95	
Toluene*	<0.050	0.050	11/21/2014	ND	1.90	95.2	2.00	7.27	
Ethylbenzene*	<0.050	0.050	11/21/2014	ND	1.88	93.8	2.00	6.56	
Total Xylenes*	<0.150	0.150	11/21/2014	ND	5.65	94.2	6.00	6.68	
Total BTEX	<0.300	0.300	11/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.5 %* *61-154*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/20/2014	ND	400	100	400	0.00	

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	11/19/2014	ND	191	95.6	200	1.99	
DRO >C10-C28	<50.0	50.0	11/19/2014	ND	194	96.8	200	0.864	

Surrogate: 1-Chlorooctane *114 %* *47.2-157*

Surrogate: 1-Chlorooctadecane *128 %* *52.1-176*

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
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

CARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240
(505) 393-2326 Fax (505) 393-2476

Page_____ of _____

Company Name:	Safety & Environmental Solutions, Inc.	BILL TO	
Project Manager:	Bob Allen	P.O. #:	
Address:	703 East Clinton	Company:	~~Same~~ OXY
City:	Hobbs State: NM Zip: 88240	Attn:	BACON, JORDAN
Phone #:	575-397-0510 Fax #: 575-393-4388	Address:	6 DESTA DR STE 6000
Project #:	OXY-14-024 Project Owner: OXY	City:	MIDLAND
Project Name:	GRAYBURG UNIT. 136	State:	TX Zip: 79710
Project Location:	Hobbs, NM	Phone #:	432-685-5932
Sampler Name:	SOSA, JERRY	Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING DATE	TIME	BTEX	TPH (8015)	CHLORIDES
H403548 1	BH-1 2FT BGS	G	1			X					X		11/18	1100	X	X	X
2	BH-2 2FT BGS	G	1			X					X		11/18	1145	X	X	X
3	BH-3 2FT BGS	G	1			X					X		11/18	1300	X	X	X
4	BH-2 3FT BGS	G	1			X					X		11/18	1215	X	X	X

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: Sosa Jerry	Date: 11/18/14 Time: 1420	Received By: Jodi Henson	Phone Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Fax Result: ☐ Yes ☐ No Add'l Fax #: REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Temp. 5.6°C	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials)

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

#54

CARDINAL Laboratories

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

August 17, 2015

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: GRAYBURG UNIT #136

Enclosed are the results of analyses for samples received by the laboratory on 08/10/15 9:17.

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.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	08/10/2015	Sampling Date:	08/07/2015
Reported:	08/17/2015	Sampling Type:	Soil
Project Name:	GRAYBURG UNIT #136	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-024	Sample Received By:	Judy Garcia
Project Location:	HOBBS, NM		

Sample ID: SP-1 WEST WALL (H502070-01)

BTEX 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	08/11/2015	ND	2.22	111	2.00	0.0643	
Toluene*	<0.050	0.050	08/11/2015	ND	2.14	107	2.00	0.619	
Ethylbenzene*	<0.050	0.050	08/11/2015	ND	2.36	118	2.00	0.403	
Total Xylenes*	<0.150	0.150	08/11/2015	ND	6.68	111	6.00	0.406	
Total BTEX	<0.300	0.300	08/11/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *85.6-137*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	08/14/2015	ND	384	96.0	400	8.00	

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	<50.0	50.0	08/10/2015	ND	204	102	200	5.09	
DRO >C10-C28	**8060**	50.0	08/10/2015	ND	189	94.4	200	13.2	

Surrogate: 1-Chlorooctane *123 %* *47.2-157*

Surrogate: 1-Chlorooctadecane *323 %* *52.1-176*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
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Fax To: (575) 393-4388

Received:	08/10/2015	Sampling Date:	08/07/2015
Reported:	08/17/2015	Sampling Type:	Soil
Project Name:	GRAYBURG UNIT #136	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-024	Sample Received By:	Judy Garcia
Project Location:	HOBBS, NM		

Sample ID: SP-2 EAST WALL (H502070-02)

BTEX 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	08/11/2015	ND	2.22	111	2.00	0.0643	
Toluene*	<0.050	0.050	08/11/2015	ND	2.14	107	2.00	0.619	
Ethylbenzene*	<0.050	0.050	08/11/2015	ND	2.36	118	2.00	0.403	
Total Xylenes*	<0.150	0.150	08/11/2015	ND	6.68	111	6.00	0.406	
Total BTEX	<0.300	0.300	08/11/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *85.6-137*

Chloride, SM4500Cl-B — **mg/kg** — **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/14/2015	ND	384	96.0	400	8.00	

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	08/10/2015	ND	204	102	200	5.09	
DRO >C10-C28	**46.0**	10.0	08/10/2015	ND	189	94.4	200	13.2	

Surrogate: 1-Chlorooctane *129 %* *47.2-157*

Surrogate: 1-Chlorooctadecane *146 %* *52.1-176*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

Safety & Environmental Solutions
Bob Allen
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Fax To: (575) 393-4388

Received:	08/10/2015	Sampling Date:	08/07/2015
Reported:	08/17/2015	Sampling Type:	Soil
Project Name:	GRAYBURG UNIT #136	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-024	Sample Received By:	Judy Garcia
Project Location:	HOBBS, NM		

Sample ID: SP-3 NORTH WALL (H502070-03)

BTEX 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	08/11/2015	ND	2.22	111	2.00	0.0643	
Toluene*	<0.050	0.050	08/11/2015	ND	2.14	107	2.00	0.619	
Ethylbenzene*	<0.050	0.050	08/11/2015	ND	2.36	118	2.00	0.403	
Total Xylenes*	<0.150	0.150	08/11/2015	ND	6.68	111	6.00	0.406	
Total BTEX	<0.300	0.300	08/11/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *85.6-137*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/14/2015	ND	384	96.0	400	8.00	

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	<50.0	50.0	08/10/2015	ND	204	102	200	5.09	
DRO >C10-C28	**8300**	50.0	08/10/2015	ND	189	94.4	200	13.2	

Surrogate: 1-Chlorooctane *112 %* *47.2-157*

Surrogate: 1-Chlorooctadecane *331 %* *52.1-176*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

Safety & Environmental Solutions
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Fax To: (575) 393-4388

Received:	08/10/2015	Sampling Date:	08/07/2015
Reported:	08/17/2015	Sampling Type:	Soil
Project Name:	GRAYBURG UNIT #136	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-024	Sample Received By:	Judy Garcia
Project Location:	HOBBS, NM		

Sample ID: SP-4 SOUTH WALL (H502070-04)

BTEX 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	08/11/2015	ND	2.22	111	2.00	0.0643	
Toluene*	<0.050	0.050	08/11/2015	ND	2.14	107	2.00	0.619	
Ethylbenzene*	<0.050	0.050	08/11/2015	ND	2.36	118	2.00	0.403	
Total Xylenes*	<0.150	0.150	08/11/2015	ND	6.68	111	6.00	0.406	
Total BTEX	<0.300	0.300	08/11/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *85.6-137*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	08/14/2015	ND	384	96.0	400	8.00	

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	<50.0	50.0	08/10/2015	ND	204	102	200	5.09	
DRO >C10-C28	**9240**	50.0	08/10/2015	ND	189	94.4	200	13.2	

Surrogate: 1-Chlorooctane *111 %* *47.2-157*

Surrogate: 1-Chlorooctadecane *346 %* *52.1-176*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

Safety & Environmental Solutions
Bob Allen
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Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	08/10/2015	Sampling Date:	08/07/2015
Reported:	08/17/2015	Sampling Type:	Soil
Project Name:	GRAYBURG UNIT #136	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-024	Sample Received By:	Judy Garcia
Project Location:	HOBBS, NM		

Sample ID: SP-5 BOTTOM (H502070-05)

BTEX 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	08/12/2015	ND	2.02	101	2.00	3.51	
Toluene*	<0.050	0.050	08/12/2015	ND	1.93	96.5	2.00	3.57	
Ethylbenzene*	<0.050	0.050	08/12/2015	ND	2.11	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	08/12/2015	ND	5.98	99.7	6.00	4.08	
Total BTEX	<0.300	0.300	08/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *85.6-137*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/14/2015	ND	384	96.0	400	8.00	

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	08/10/2015	ND	204	102	200	5.09	
DRO >C10-C28	**16.8**	10.0	08/10/2015	ND	189	94.4	200	13.2	

Surrogate: 1-Chlorooctane *106 %* *47.2-157*

Surrogate: 1-Chlorooctadecane *129 %* *52.1-176*

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Celey D. Keene, Lab Director/Quality Manager

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Safety & Environmental Solutions
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Fax To: (575) 393-4388

Received:	08/10/2015	Sampling Date:	08/07/2015
Reported:	08/17/2015	Sampling Type:	Soil
Project Name:	GRAYBURG UNIT #136	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-024	Sample Received By:	Judy Garcia
Project Location:	HOBBS, NM		

Sample ID: SP-6 BOTTOM (H502070-06)

BTEX 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	08/12/2015	ND	2.02	101	2.00	3.51	
Toluene*	<0.050	0.050	08/12/2015	ND	1.93	96.5	2.00	3.57	
Ethylbenzene*	<0.050	0.050	08/12/2015	ND	2.11	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	08/12/2015	ND	5.98	99.7	6.00	4.08	
Total BTEX	<0.300	0.300	08/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *85.6-137*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	08/14/2015	ND	384	96.0	400	8.00	

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	08/11/2015	ND	200	99.9	200	0.611	
DRO >C10-C28	<10.0	10.0	08/11/2015	ND	187	93.4	200	2.28	

Surrogate: 1-Chlorooctane *118 %* *47.2-157*

Surrogate: 1-Chlorooctadecane *150 %* *52.1-176*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	08/10/2015	Sampling Date:	08/07/2015
Reported:	08/17/2015	Sampling Type:	Soil
Project Name:	GRAYBURG UNIT #136	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-024	Sample Received By:	Judy Garcia
Project Location:	HOBBS, NM		

Sample ID: SP-7 BOTTOM (H502070-07)

BTEX 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	08/12/2015	ND	2.02	101	2.00	3.51	
Toluene*	<0.050	0.050	08/12/2015	ND	1.93	96.5	2.00	3.57	
Ethylbenzene*	<0.050	0.050	08/12/2015	ND	2.11	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	08/12/2015	ND	5.98	99.7	6.00	4.08	
Total BTEX	<0.300	0.300	08/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *85.6-137*

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	08/14/2015	ND	384	96.0	400	8.00	

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	08/11/2015	ND	200	99.9	200	0.611	
DRO >C10-C28	<10.0	10.0	08/11/2015	ND	187	93.4	200	2.28	

Surrogate: 1-Chlorooctane *108 %* *47.2-157*

Surrogate: 1-Chlorooctadecane *138 %* *52.1-176*

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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

CARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240
(505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page____ of____

Company Name:	Safety & Environmental Solutions, Inc.	BILL TO	
Project Manager:	Bob Allen	P.O. #:	
Address:	703 East Clinton	Company:	Same
City:	Hobbs State: NM Zip: 88240	Attn:	
Phone #:	575-397-0510 Fax #: 575-393-4388	Address:	
Project #:	Oxy-14-024 Project Owner: Oxy	City:	
Project Name:	Grayburg SA. Unit 136	State: Zip:	
Project Location:	Hobbs N.M	Phone #:	
Sampler Name:	Sosa Jerry	Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE	TIME	Chlorides	TPH	BTEX
H502070 1.	SP-1 Westwall	G	1			X					X		08/07	0900	X	X	X
2.	SP-2 Eastwall	G	1			X					X		08/07	0930	X	X	X
3.	SP-3 Northwall	G	1			X					X		08/07	1000	X	X	X
4.	SP-4 South wall	G	1			X					X		08/07	1130	X	X	X
5.	SP-5 Bottom	G	1			X					X		08/07	1320	X	X	X
6.	SP-6 Bottom	G	1			X					X		08/07	1355	X	X	X
7.	SP-7 Bottom	G	1			X					X		08/07	1415	X	X	X

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: Son Jerry	Date: 08/10/15 Time: 8:00	Received By: Judy Garcia	Phone Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: 8-10-15 Time: 9:17	Received By:	Fax Result: ☐ Yes ☐ No Add'l Fax #:
			REMARKS: Raymond_Aquilar@Oxy.com OP-56053745 Project. 1127310 TASK - 01010101
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Temp. 4.4°C	Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials) JG.

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

#54

CARDINAL Laboratories

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

August 24, 2015

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: GRAYBURG UNIT #136

Enclosed are the results of analyses for samples received by the laboratory on 08/18/15 9:00.

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.

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.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	08/18/2015	Sampling Date:	08/17/2015
Reported:	08/24/2015	Sampling Type:	Soil
Project Name:	GRAYBURG UNIT #136	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-024	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SOUTH WALL (H502149-01)

BTEX 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	08/19/2015	ND	2.20	110	2.00	0.756	
Toluene*	<0.050	0.050	08/19/2015	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	08/19/2015	ND	2.23	112	2.00	1.49	
Total Xylenes*	<0.150	0.150	08/19/2015	ND	6.25	104	6.00	1.00	
Total BTEX	<0.300	0.300	08/19/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *85.6-137*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/18/2015	ND	416	104	400	0.00	

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	08/19/2015	ND	187	93.6	200	1.27	
DRO >C10-C28	<10.0	10.0	08/19/2015	ND	202	101	200	1.03	

Surrogate: 1-Chlorooctane *87.7 %* *47.2-157*

Surrogate: 1-Chlorooctadecane *83.4 %* *52.1-176*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	08/18/2015	Sampling Date:	08/17/2015
Reported:	08/24/2015	Sampling Type:	Soil
Project Name:	GRAYBURG UNIT #136	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-024	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: NORTH WALL (H502149-02)

BTEX 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	08/19/2015	ND	2.20	110	2.00	0.756	
Toluene*	<0.050	0.050	08/19/2015	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	08/19/2015	ND	2.23	112	2.00	1.49	
Total Xylenes*	<0.150	0.150	08/19/2015	ND	6.25	104	6.00	1.00	
Total BTEX	<0.300	0.300	08/19/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *85.6-137*

Chloride, SM4500Cl-B — **mg/kg** — **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/18/2015	ND	416	104	400	0.00	

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	08/19/2015	ND	187	93.6	200	1.27	
DRO >C10-C28	<50.0	50.0	08/19/2015	ND	202	101	200	1.03	

Surrogate: 1-Chlorooctane *69.1 %* *47.2-157*

Surrogate: 1-Chlorooctadecane *80.3 %* *52.1-176*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	08/18/2015	Sampling Date:	08/17/2015
Reported:	08/24/2015	Sampling Type:	Soil
Project Name:	GRAYBURG UNIT #136	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-024	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: WEST WALL (H502149-03)

BTEX 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	08/19/2015	ND	2.20	110	2.00	0.756	
Toluene*	<0.050	0.050	08/19/2015	ND	2.08	104	2.00	0.692	
Ethylbenzene*	<0.050	0.050	08/19/2015	ND	2.23	112	2.00	1.49	
Total Xylenes*	<0.150	0.150	08/19/2015	ND	6.25	104	6.00	1.00	
Total BTEX	<0.300	0.300	08/19/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *85.6-137*

Chloride, SM4500Cl-B — **mg/kg** — **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/18/2015	ND	416	104	400	0.00	

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	08/19/2015	ND	187	93.6	200	1.27	
DRO >C10-C28	<50.0	50.0	08/19/2015	ND	202	101	200	1.03	

Surrogate: 1-Chlorooctane *68.1 %* *47.2-157*

Surrogate: 1-Chlorooctadecane *76.5 %* *52.1-176*

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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

CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page_____ of_____

Company Name:	Safety & Environmental Solutions, Inc.	BILL TO	
Project Manager:	Bob Allen	P.O. #:	
Address:	703 East Clinton	Company:	Same
City:	Hobbs State: NM Zip: 88240	Attn:	
Phone #:	575-397-0510 Fax #: 575-393-4388	Address:	
Project #:	OXY-14-024 Project Owner: OXY	City:	
Project Name:	Graybury SA unit 136	State: Zip:	
Project Location:	Hobbs NM	Phone #:	
Sampler Name:	Sosa Jerry	Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE	TIME	Chloride	TPH (8015)	BTEX
H502149																	
1	South wall	G	1			X					X		08/17	1340	X	X	X
2	North wall	G	1			X					X		08/17	1355	X	X	X
3	West wall	G	1			X					X		08/17	1415	X	X	X

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: Sosa Jerry	Date: 08/18/15 Time: 0800	Received By: Jodi Henson	Phone Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time: 9:00	Received By:	Fax Result: ☐ Yes ☐ No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 5.2°C	Temp.	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials)

REMARKS: Raymond_Aguilar@oxy.com
OP-560537745
Project-1127310
TASK-01010101

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

#54

Appendix B
C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: OXY USA	Contact: Tony Aguilar
Address: 1017 W Stanolind Road	Telephone No.
Facility Name: South Hobbs Grayburg San Andres Unit 136	Facility Type:

Surface Owner:	Mineral Owner: OXY	Lease No. 30-025-28339

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	4	19S	38E					

Latitude: 32.689630 **Longitude:** -103.153430

NATURE OF RELEASE

Type of Release: Oil and Produced water	Volume of Release: 3 BBLS OIL 697 BBLS WATER	Volume Recovered:
Source of Release: Flowline	Date and Hour of Occurrence: 8/21/2014 3:12 PM	Date and Hour of Discovery 8/21/2014
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Tomas Oberding	
By Whom? Tony Aguilar	Date and Hour: 8/21/2014	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Cause of leak internal and external Corrosion

Describe Area Affected and Cleanup Action Taken.*

Safety & Environmental Solutions, Inc. has remediated the spill site in accordance with NMOCD guidelines and approval.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Tony Aguilar	OIL CONSERVATION DIVISION	
Printed Name: Tony Aguilar	Approved by District Supervisor:	
Title: HSE Specialist	Approval Date:	Expiration Date:
E-mail Address: Raymond_Aguilar@oxy.com	Conditions of Approval:	Attached ☐
Date: 9/3/2015 Phone: 575-390-6312		

* Attach Additional Sheets If Necessary

Appendix C
Site Photographs

Occidental Permian
South Hobbs (GSA) Unit Well No. 136
API 30-025-283399

Signage marking location

Northwest looking Southeast

North Side of impacted area

Pipeline Repair

Looking West

Looking North

Occidental Permian
South Hobbs (GSA) Unit Well No. 136
API 30-025-283399

Looking East

East side of excavation stockpile

Appendix D
Groundwater Analysis

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 Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 00048		L	LE		4	2	02	19S	38E	676933	3618618*	110		
L 00048	R	L	LE		4	2	02	19S	38E	676933	3618618*	110		
L 00048 POD2		L	LE		4	2	02	19S	38E	676933	3618618*	106	54	52
L 00048 POD3	R	L	LE		4	2	02	19S	38E	676933	3618618*	120	48	72
L 00048 POD4		L	LE	2	4	2	02	19S	38E	677032	3618717*	96		
L 00050		L	LE		2	1	02	19S	38E	676122	3619007*	135		
L 00146		L	LE		2	4	02	19S	38E	676940	3618216*	110	70	40
L 00146 S		L	LE			4	02	19S	38E	676744	3618007*	110	85	25
L 00183		L	LE	1	1	2	02	19S	38E	676424	3619113*	85	79	6
L 00188	R	L	LE	1	2	4	03	19S	38E	675229	3618287*	148		
L 00199	O	L	LE	4	4	4	19	19S	38E	670680	3612769*	60		
L 00199 POD1		L	LE	3	2	4	19	19S	38E	670474	3613172*	98	38	60
L 00199 POD2	O	L	LE	2	2	4	19	19S	38E	670674	3613372*	85	35	50
L 00199 S2		L	LE	4	4	4	19	19S	38E	670680	3612769*	90	40	50
L 00205		L	LE	3	3	3	01	19S	38E	677247	3617719*	107	50	57
L 00220 POD12		L	LE	4	2	2	11	19S	38E	677051	3617309*	150	65	85
L 00220 POD4	R	L	LE	1	2	1	02	19S	38E	676021	3619106*	184		
L 00220 POD7		L	LE	2	1	4	11	19S	38E	676661	3616697*	174	60	114
L 00220 S6		L	LE	2	2	3	02	19S	38E	676234	3618301*	166	28	138
L 00220 S7		L	LE	4	4	3	02	19S	38E	676240	3617698*	172	28	144
L 00227		L	LE	2	1	1	04	19S	38E	672597	3619044*	180	62	118
L 00228		L	LE	1	2	1	04	19S	38E	672800	3619051*	180	150	30
L 00229		L	LE	3	1	1	04	19S	38E	672397	3618844*	187	155	32
L 00230		L	LE	2	2	1	01	19S	38E	677831	3619134*	183	153	30
L 00231		L	LE	3	2	1	04	19S	38E	672800	3618851*	183	150	33
L 00262		L	LE	4	2	3	35	19S	38E	676357	3610046*	116	40	76

***UTM location was derived from PLSS - see Help**

(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 Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 00262 POD1		L	LE	4	4	3	35	19S	38E	676363	3609643*	101	38	63
L 00262 POD6		L	LE	2	1	3	35	19S	38E	675955	3610239*	105	70	35
L 00262 POD7		L	LE	4	1	3	35	19S	38E	675955	3610039*	105	65	40
L 00262 POD8		L	LE	4	1	3	35	19S	38E	675955	3610039*	103	55	48
L 00262 S		L	LE		2	3	35	19S	38E	676258	3610147*	116	52	64
L 00262 S2		L	LE	3	4	3	35	19S	38E	676163	3609643*	101	41	60
L 00262 S3		L	LE	2	4	3	35	19S	38E	676363	3609843*	100	49	51
L 00263	R	L	LE		4	3	35	19S	38E	676264	3609744*	100	38	62
L 00298		L	LE	2	3	3	27	19S	38E	674121	3611822*	100	70	30
L 00298 POD10		L	LE	2	4	1	25	19S	38E	677935	3612288*	141	81	60
L 00298 POD11		L	LE	3	4	1	25	19S	38E	677735	3612088*	147	89	58
L 00298 POD12		L	LE	4	2	2	25	19S	38E	678734	3612505*	141	70	71
L 00298 POD13		L	LE	1	2	2	26	19S	38E	676924	3612676*	161	121	40
L 00298 POD3		L	LE	2	3	1	27	19S	38E	674315	3612225*	96	56	40
L 00298 POD4		L	LE	3	1	2	27	19S	38E	674913	3612441*	108	55	53
L 00298 POD5		L	LE	3	3	3	25	19S	38E	677345	3611275*	112	64	48
L 00298 POD6		L	LE	1	3	4	26	19S	38E	676541	3611461*	152	66	86
L 00298 POD7		L	LE	3	3	4	26	19S	38E	676541	3611261*	145	68	77
L 00298 POD8		L	LE	1	2	1	25	19S	38E	677729	3612690*	143	70	73
L 00298 POD9		L	LE	1	3	3	26	19S	38E	675736	3611447*	161	75	86
L 00299		L	LE	4	1	3	27	19S	38E	674321	3611622*	100	40	60
L 00309		L	LE	3	1	4	02	19S	38E	676436	3618108*	135	65	70
L 00312	R	L	LE	1	1	2	35	19S	38E	676547	3611058*	110	50	60
L 00312 POD1		L	LE			2	35	19S	38E	676855	3610758*	106	56	50
L 00312 POD2		L	LE			1	36	19S	38E	677660	3610772*	104	56	48
L 00312 POD8		L	LE	1	1	3	36	19S	38E	676970	3608541	105	50	55
L 00312 S	R	L	LE	2	2	2	35	19S	38E	677149	3611065*	115	52	63
L 00312 S2		L	LE				36	19S	38E	678074	3610368*	101	56	45
L 00312 S3		L	LE			2	36	19S	38E	678465	3610786*	111	40	71

***UTM location was derived from PLSS - see Help**

(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 Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 00312 S4		L	LE	1	2	3	36	19S	38E	677766	3610274*	100	40	60
L 00312 S5		L	LE		1	4	36	19S	38E	678270	3610182*	108	90	18
L 00325	R	L	LE	1	2	1	19	19S	38E	669657	3614164*	83		
L 00325 POD2		L	LE	3	1	4	19	19S	38E	670072	3613165*			
L 00325 POD2	R	L	LE	3	1	4	19	19S	38E	670072	3613165*			
L 00325 POD3		L	LE		1	4	19	19S	38E	670173	3613266*	93	45	48
L 00325 POD4		L	LE	3	1	4	19	19S	38E	670072	3613165*	95	45	50
L 00325 S	R	L	LE	2	2	1	19	19S	38E	669857	3614164*	84		
L 00325 S2		L	LE	3	1	2	19	19S	38E	670059	3613971*	83	22	61
L 00345		L	LE	1	3	2	14	19S	38E	676479	3615488*	124	72	52
L 00345 S		L	LE		4	2	14	19S	38E	676982	3615396*	125	65	60
L 00345 S2		L	LE	1	1	1	13	19S	38E	677278	3615905*	195	140	55
L 00345 S3		L	LE	2	3	1	13	19S	38E	677484	3615502*	163	83	80
L 00345 S4		L	LE			2	13	19S	38E	678391	3615619*	187	70	117
L 00345 S5		L	LE	3	2	3	13	19S	38E	677692	3614907*	174	77	97
L 00345 S6		L	LE	2	2	2	14	19S	38E	677075	3615898*	187	110	77
L 00355		L	LE	3	2	2	02	19S	38E	676826	3618920*	110		
L 00532		L	LE	3	4	1	10	19S	38E	674442	3616865*	110	80	30
L 00532	R	L	LE	3	4	1	10	19S	38E	674442	3616865*	110	80	30
L 00532 POD2		L	LE	4	4	1	10	19S	38E	674642	3616865*	125	44	81
L 00532 POD2	R	L	LE	4	4	1	10	19S	38E	674642	3616865*	125	44	81
L 00532 S		L	LE	1	3	2	10	19S	38E	674845	3617072*	126	39	87
L 00532 S	R	L	LE	1	3	2	10	19S	38E	674845	3617072*	126	39	87
L 00540 POD2	R	L	LE	3	4	2	18	19S	38E	670441	3615185*	92	20	72
L 00540 POD3		L	LE	2	3	2	18	19S	38E	670239	3615379*	92	20	72
L 00561		L	LE	3	1	1	34	19S	38E	674130	3610789	90	33	57
L 00561	R	L	LE	3	1	1	34	19S	38E	674130	3610789	90	33	57
L 00561 POD10		L	LE		1	1	34	19S	38E	674235	3610918*	80	42	38
L 00561 POD11		L	LE			2	34	19S	38E	675246	3610730*	120	72	48

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POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 00561 POD12		L	LE	1	3	1	35	19S	38E	675749	3610642*	111	70	41
L 00561 POD3	R	L	LE	2	2	1	34	19S	38E	674736	3611024*	85	45	40
L 00561 POD4		L	LE	1	1	1	34	19S	38E	674134	3611017*	78	39	39
L 00561 POD4	R	L	LE	1	1	1	34	19S	38E	674134	3611017*	78	39	39
L 00561 POD5		L	LE	3	1	2	34	19S	38E	674938	3610831*	108	40	68
L 00561 POD6		L	LE	3	1	2	34	19S	38E	674938	3610831*	80	45	35
L 00561 POD7		L	LE	3	4	2	34	19S	38E	675346	3610435*	85	35	50
L 00561 POD8		L	LE	4	1	1	34	19S	38E	674334	3610817*	60	37	23
L 00561 POD9		L	LE	3	2	1	34	19S	38E	674536	3610824*	57	35	22
L 00561 S		L	LE	1	2	2	34	19S	38E	675340	3611037*	110	60	50
L 00561 S	R	L	LE	1	2	2	34	19S	38E	675340	3611037*	110	60	50
L 00646		L	LE		1	3	01	19S	38E	677342	3618223*	93	45	48
L 00646	R	L	LE		1	3	01	19S	38E	677342	3618223*	93	45	48
L 00646 POD2	R	L	LE		1	3	01	19S	38E	677342	3618223*	135	70	65
L 00646 POD3		L	LE		1	3	01	19S	38E	677342	3618223*	179	70	109
L 00662		L	LE	2	1	2	02	19S	38E	676624	3619113*	107		
L 00937		L	LE	3	1	1	03	19S	38E	674008	3618872*	100		
L 00991 POD1		L	LE			2	05	19S	38E	671899	3618730*	80		
L 00995 POD1		L	LE	1	1	4	05	19S	38E	671604	3618225*	62	26	36
L 00996 POD1		L	LE	2	2	1	34	19S	38E	674736	3611024*	50		
L 01010 POD1		L	LE	1	2	2	05	19S	38E	671994	3619037*	95	45	50
L 01016 POD1		L	LE		4	4	03	19S	38E	675336	3617785*	76		
L 01017 POD1		L	LE	3	4	2	05	19S	38E	672000	3618434*	63		
L 01021 S		L	LE	2	2	2	14	19S	38E	677075	3615898*	173	75	98
L 01021 S	R	L	LE	2	2	2	14	19S	38E	677075	3615898*	173	75	98
L 01034		L	LE		4	2	34	19S	38E	675447	3610536*	80		
L 01060		L	LE	4	4	1	05	19S	38E	671394	3618421*	50	30	20
L 01071		L	LE	2	3	2	05	19S	38E	671797	3618628*	65	30	35
L 01104 POD1		L	LE	4	3	2	04	19S	38E	673409	3618455*	60	33	27

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POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 01105 POD1		L	LE			2	04	19S	38E	673511	3618757*	80	45	35
L 01115 POD1		L	LE		4	2	05	19S	38E	672101	3618535*		61	
L 01130 POD1		L	LE		4	2	34	19S	38E	675447	3610536*	80	46	34
L 01144 POD1		L	LE	4	2	2	34	19S	38E	675540	3610837*	76	50	26
L 01162 POD1		L	LE	3	3	1	05	19S	38E	670791	3618414*	65	30	35
L 01172 POD1		L	LE		2	3	03	19S	38E	674525	3618175*	110	40	70
L 01181 POD1		L	LE		4	2	05	19S	38E	672101	3618535*	87	26	61
L 01338		L	LE		4	4	27	19S	38E	675435	3611341*	75	45	30
L 01345		L	LE				04	19S	38E	673120	3618340*	76	56	20
L 01361		L	LE	3	1	3	01	19S	38E	677241	3618122*	80	55	25
L 01369		L	LE	2	1	1	05	19S	38E	670984	3619017*	80	37	43
L 01372		L	LE			3	28	19S	38E	672820	3611494*		70	
L 01381		L	LE	3	1	4	01	19S	38E	678045	3618137*	90	74	16
L 01397	R	L	LE	4	4	3	03	19S	38E	674630	3617671*	80	50	30
L 01397 POD2		L	LE	4	4	3	03	19S	38E	674630	3617671*	90	48	42
L 01411	R	L	LE	2	1	1	03	19S	38E	674208	3619072*	147	70	77
L 01418		L	LE			2	05	19S	38E	671899	3618730*	77	37	40
L 01432		L	LE		4	2	05	19S	38E	672101	3618535*	75	37	38
L 01442		L	LE	4	2	2	34	19S	38E	675540	3610837*	100	50	50
L 01442 POD2		L	LE	2	2	4	26	19S	38E	677137	3611871*	138	68	70
L 01453 POD2		L	LE	2	2	4	27	19S	38E	675528	3611843*	126	47	79
L 01454		L	LE	1	1	2	02	19S	38E	676424	3619113*	120	60	60
L 01458		L	LE	3	4	1	05	19S	38E	671194	3618421*	110	24	86
L 01463		L	LE	1	1	1	35	19S	38E	675742	3611044*	85	58	27
L 01464		L	LE	4	4	4	27	19S	38E	675534	3611240*	85	58	27
L 01478		L	LE	2	1	3	11	19S	38E	675856	3616682*	80	48	32
L 01499		L	LE	4	4	4	27	19S	38E	675534	3611240*	80	50	30
L 01502 POD1		L	LE		4	2	02	19S	38E	676933	3618618*	90	55	35
L 01514 POD2		L	LE	4	2	4	27	19S	38E	675602	3611576	145	57	88

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POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 01518 POD1		L	LE				03	19S	38E	674732	3618368*	110	53	57
L 01520 POD1		L	LE		2	1	05	19S	38E	671288	3618924*	100	30	70
L 01559 POD1		L	LE	3	4	4	19	19S	38E	670480	3612769*	82		
L 01570 POD1		L	LE	2	3	3	01	19S	38E	677447	3617919*	90	48	42
L 01579 POD1		L	LE	4	4	4	03	19S	38E	675435	3617684*	70	41	29
L 01583 POD1		L	LE		2	2	05	19S	38E	672095	3618938*	65	30	35
L 01592 POD1		L	LE	1	2	2	04	19S	38E	673605	3619065*	82	50	32
L 01687 POD1		L	LE	2	2	1	34	19S	38E	674736	3611024*	50	40	10
L 01692 POD1		L	LE		4	4	12	19S	38E	678580	3616231*	108	63	45
L 01783		L	LE	2	2	2	34	19S	38E	675540	3611037*	84	56	28
L 01833 POD1		L	LE		3	2	05	19S	38E	671698	3618529*	66	28	38
L 01858		L	LE	4	4	4	27	19S	38E	675534	3611240*	110	48	62
L 01941		L	LE			1	05	19S	38E	671093	3618716*	70	28	42
L 01971		L	LE	4	4	1	05	19S	38E	671394	3618421*	60	28	32
L 01989		L	LE	1	1	1	27	19S	38E	674108	3612628*	108	38	70
L 01990		L	LE	4	2	1	27	19S	38E	674711	3612434*	109	40	69
L 01996		L	LE	4	3	3	01	19S	38E	677447	3617719*	98	40	58
L 01998		L	LE	1	1	2	05	19S	38E	671591	3619030*	100	50	50
L 02048		L	LE	2	2	4	27	19S	38E	675528	3611843*	80		
L 02048	R	L	LE	2	2	4	27	19S	38E	675528	3611843*	80		
L 02048 POD2		L	LE	2	2	4	27	19S	38E	675528	3611843*	80	49	31
L 02048 POD2	R	L	LE	2	2	4	27	19S	38E	675528	3611843*	80	49	31
L 02048 POD3		L	LE	2	2	4	27	19S	38E	675528	3611843*	80	50	30
L 02048 POD3	R	L	LE	2	2	4	27	19S	38E	675528	3611843*	80	50	30
L 02089		L	LE	4	4	4	15	19S	38E	675485	3614461*	83	49	34
L 02111		L	LE		3	2	30	19S	38E	670193	3612058*	96	40	56
L 02111	R	L	LE		3	2	30	19S	38E	670193	3612058*	96	40	56
L 02111 POD3		L	LE		4	2	30	19S	38E	670595	3612065*	93	43	50
L 02111 POD4		L	LE		4	2	30	19S	38E	670595	3612065*	90	53	37

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POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 02111 S		L	LE	1	2	2	30	19S	38E	670487	3612566*	100	52	48
L 02111 S	R	L	LE	1	2	2	30	19S	38E	670487	3612566*	100	52	48
L 02123		L	LE	4	4	4	27	19S	38E	675534	3611240*	96	54	42
L 02162		L	LE	3	4	3	01	19S	38E	677649	3617727*	100	45	55
L 02175		L	LE		1	1	05	19S	38E	670885	3618918*	80	27	53
L 02233		L	LE		1	3	05	19S	38E	670899	3618112*	104	28	76
L 02262		L	LE	1	1	2	10	19S	38E	674839	3617475*	130		
L 02263		L	LE	2	1	1	05	19S	38E	670984	3619017*	112	28	84
L 02265		L	LE	3	2	2	05	19S	38E	671994	3618837*	50	50	0
L 02298		L	LE	2	4	2	05	19S	38E	672200	3618634*	63	30	33
L 02320		L	LE	3	3	3	03	19S	38E	674028	3617664*	65	40	25
L 02328		L	LE		2	1	08	19S	38E	671315	3617314*	100	22	78
L 02389		L	LE	3	3	4	19	19S	38E	670078	3612762*	92	30	62
L 02410		L	LE	1	1	1	05	19S	38E	670784	3619017*	80	26	54
L 02411		L	LE		2	2	09	19S	38E	673732	3617355*	92	44	48
L 02425		L	LE		3	2	05	19S	38E	671698	3618529*	80	40	40
L 02433		L	LE	1	4	2	05	19S	38E	672000	3618634*	60	30	30
L 02477		L	LE	4	4	2	34	19S	38E	675546	3610435*	80	46	34
L 02511		L	LE	2	1	3	02	19S	38E	675831	3618294*	80	50	30
L 02536		L	LE		3	2	04	19S	38E	673310	3618556*	96	46	50
L 02541		L	LE	2	2	2	02	19S	38E	677026	3619120*	76	55	21
L 02546		L	LE	4	4	4	35	19S	38E	677168	3609657*			
L 02560		L	LE	3	3	2	05	19S	38E	671597	3618428*	60	34	26
L 02569		L	LE	2	2	2	19	19S	38E	670661	3614178*	100	54	46
L 02569 S		L	LE		2	2	19	19S	38E	670562	3614079*	96	40	56
L 02570		L	LE	4	4	4	03	19S	38E	675435	3617684*	80	45	35
L 02582		L	LE	4	4	2	34	19S	38E	675546	3610435*	80	57	23
L 02589		L	LE	2	4	1	05	19S	38E	671394	3618621*	105		
L 02590		L	LE	2	4	1	05	19S	38E	671394	3618621*	60	30	30

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L 02591		L	LE	4	2	2	05	19S	38E	672194	3618837*	85	40	45
L 02594		L	LE			2	05	19S	38E	671899	3618730*	115	65	50
L 02625		L	LE	3	4	2	34	19S	38E	675346	3610435*	60	40	20
L 02640		L	LE		1	3	10	19S	38E	674147	3616556*	95	50	45
L 02643		L	LE	3	1	3	01	19S	38E	677241	3618122*	80	40	40
L 02644		L	LE	3	1	3	01	19S	38E	677241	3618122*	80	44	36
L 02646		L	LE	2	2	2	05	19S	38E	672194	3619037*	80	35	45
L 02667		L	LE			4	15	19S	38E	675184	3614757*	106	70	36
L 02689		L	LE	4	4	4	15	19S	38E	675485	3614461*	83	49	34
L 02736		L	LE			2	05	19S	38E	671899	3618730*	100	56	44
L 02746		L	LE			2	22	19S	38E	675197	3613951*	110	60	50
L 02776		L	LE	2	4	2	02	19S	38E	677032	3618717*	85	50	35
L 02795		L	LE	2	1	1	02	19S	38E	675819	3619099*	85	60	25
L 02797		L	LE		3	4	03	19S	38E	674933	3617779*	100	50	50
L 02800		L	LE	4	4	4	04	19S	38E	673825	3617657*	85	40	45
L 02829		L	LE	2	1	1	34	19S	38E	674334	3611017*	68	35	33
L 02833		L	LE	2	1	3	01	19S	38E	677441	3618322*	68	50	18
L 02839		L	LE	1	3	2	05	19S	38E	671597	3618628*	60	29	31
L 02865		L	LE	2	3	2	03	19S	38E	675020	3618683*	125	54	71
L 02867		L	LE		4	2	02	19S	38E	676933	3618618*	90	50	40
L 02868		L	LE	1	4	4	03	19S	38E	675235	3617884*	103	42	61
L 02883		L	LE	2	1	3	01	19S	38E	677441	3618322*	115		
L 02883	R	L	LE	2	1	3	01	19S	38E	677441	3618322*	115		
L 02883 POD2		L	LE	1	1	3	01	19S	38E	677241	3618322*	120	58	62
L 02897		L	LE	4	1	3	01	19S	38E	677441	3618122*	100	50	50
L 02939		L	LE	3	3	3	02	19S	38E	675637	3617691*	120	40	80
L 02960		L	LE	2	2	3	01	19S	38E	677843	3618329*	90	60	30
L 02966		L	LE	2	2	2	05	19S	38E	672194	3619037*	43	27	16
L 02978		L	LE	1	4	1	34	19S	38E	674542	3610621*	54	35	19

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L 02982		L	LE	3	4	2	04	19S	38E	673612	3618462*	100	35	65
L 02985		L	LE	3	3	1	05	19S	38E	670791	3618414*	122	40	82
L 02990		L	LE	3	4	4	01	19S	38E	678454	3617741*	110	80	30
L 03010		L	LE	2	3	2	02	19S	38E	676630	3618710*	113	65	48
L 03054		L	LE				23	19S	38E	676416	3613561*	95	50	45
L 03082		L	LE			2	05	19S	38E	671899	3618730*	80	28	52
L 03084		L	LE	2	4	3	03	19S	38E	674630	3617871*	95	40	55
L 03091		L	LE	2	1	1	35	19S	38E	675942	3611044*	117	58	59
L 03127		L	LE	2	1	2	05	19S	38E	671791	3619030*	100	40	60
L 03183		L	LE	4	2	1	05	19S	38E	671387	3618823*			
L 03183 POD2	R	L	LE	2	2	1	05	19S	38E	671387	3619023*	120	35	85
L 03196		L	LE	2	2	1	02	19S	38E	676221	3619106*	78	56	22
L 03198		L	LE	4	2	3	15	19S	38E	674674	3614851*	100	15	85
L 03223		L	LE	2	3	2	05	19S	38E	671797	3618628*	42	27	15
L 03224		L	LE	1	1	1	35	19S	38E	675742	3611044*	80	55	25
L 03248		L	LE	4	4	4	15	19S	38E	675485	3614461*	123	48	75
L 03248	R	L	LE	4	4	4	15	19S	38E	675485	3614461*	123	48	75
L 03248 POD2	R	L	LE		3	4	15	19S	38E	674983	3614556*		42	
L 03248 POD4		L	LE	1	3	4	15	19S	38E	674882	3614655*	135	60	75
L 03248 POD5		L	LE		3	4	15	19S	38E	674983	3614556*	133	75	58
L 03248 POD6		L	LE			4	15	19S	38E	675184	3614757*	115	57	58
L 03248 S	R	L	LE		3	4	15	19S	38E	674983	3614556*	135	42	93
L 03325		L	LE	2	2	2	34	19S	38E	675540	3611037*	70	18	52
L 03330		L	LE	3	4	4	03	19S	38E	675235	3617684*	100	40	60
L 03337		L	LE	4	3	1	05	19S	38E	670991	3618414*	124	32	92
L 03342	R	L	LE	2	1	2	10	19S	38E	675039	3617475*	100		
L 03342 POD2		L	LE	2	1	2	10	19S	38E	675039	3617475*	150	62	88
L 03424		L	LE		1	2	21	19S	38E	673380	3614126*	102	45	57
L 03433		L	LE		4	4	27	19S	38E	675435	3611341*	100	55	45

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POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 03458		L	LE		2	1	17	19S	38E	671341	3615703*	100	24	76
L 03467		L	LE	1	1	4	11	19S	38E	676461	3616697*	100	50	50
L 03508		L	LE	3	4	4	01	19S	38E	678454	3617741*	110	78	32
L 03510 POD3	R	L	LE			1	01	19S	38E	677537	3618826*	205		
L 03510 POD4	R	L	LE			2	01	19S	38E	678341	3618841*	225		
L 03510 S	R	L	LE	2	1	4	35	19S	38E	676759	3610253*	108	55	53
L 03511		L	LE	1	4	4	35	19S	38E	676968	3609857*	100	46	54
L 03511	R	L	LE	1	4	4	35	19S	38E	676968	3609857*	100	46	54
L 03535		L	LE		2	4	02	19S	38E	676940	3618216*	100	40	60
L 03540 POD1		L	LE		4	3	35	19S	38E	676264	3609744*	115	60	55
L 03558		L	LE	2	2	2	34	19S	38E	675540	3611037*	85	45	40
L 03575		L	LE	4	4	1	15	19S	38E	674667	3615254*	110	51	59
L 03588		L	LE	2	2	2	34	19S	38E	675540	3611037*	96	52	44
L 03658		L	LE		1	3	14	19S	38E	675782	3614972*	120	50	70
L 03679		L	LE				02	19S	38E	676341	3618395*	85	45	40
L 03689		L	LE	1	3	3	01	19S	38E	677247	3617919*	100	48	52
L 03714		L	LE	4	3	4	03	19S	38E	675032	3617678*	85	40	45
L 03725		L	LE		3	3	01	19S	38E	677348	3617820*	75	55	20
L 03747		L	LE			1	05	19S	38E	671093	3618716*	100	38	62
L 03760		L	LE	2	2	1	05	19S	38E	671387	3619023*	100	30	70
L 03780		L	LE		4	2	02	19S	38E	676933	3618618*	110	50	60
L 03808		L	LE	4	3	4	03	19S	38E	675032	3617678*	100	40	60
L 03865		L	LE	2	2	2	05	19S	38E	672194	3619037*	50	29	21
L 03879		L	LE		2	1	05	19S	38E	671288	3618924*	60	40	20
L 03880		L	LE			1	05	19S	38E	671093	3618716*	60	40	20
L 03897		L	LE			1	05	19S	38E	671093	3618716*	60	40	20
L 03913		L	LE	3	2	3	23	19S	38E	676108	3613267*	100	60	40
L 03942		L	LE	2	1	2	02	19S	38E	676624	3619113*	92	70	22
L 03955		L	LE	2	2	2	34	19S	38E	675540	3611037*	100	58	42

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POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 03971		L	LE		3	3	02	19S	38E	675738	3617792*	100	35	65
L 04004		L	LE	3	1	2	02	19S	38E	676424	3618913*	80	45	35
L 04033		L	LE	2	1	1	06	19S	38E	669387	3618988*	110	42	68
L 04048	R	L	LE	1	2	4	01	19S	38E	678448	3618344*	120	70	50
L 04048 POD2		L	LE		2	4	01	19S	38E	678549	3618245*	140	65	75
L 04063		L	LE		4	2	05	19S	38E	672101	3618535*	70	35	35
L 04065	R	L	LE	2	1	3	01	19S	38E	677441	3618322*	100	48	52
L 04065 POD2		L	LE	2	1	3	01	19S	38E	677441	3618322*	150	145	5
L 04078		L	LE				05	19S	38E	671509	3618312*	65	40	25
L 04091		L	LE	4	3	4	27	19S	38E	675132	3611233*	178	178	0
L 04100		L	LE	2	2	2	02	19S	38E	677026	3619120*	88	67	21
L 04107		L	LE	2	2	4	15	19S	38E	675478	3615064*	112	60	52
L 04113		L	LE	4	4	4	27	19S	38E	675534	3611240*	70	55	15
L 04114		L	LE	1	1	1	05	19S	38E	670784	3619017*	85	24	61
L 04138		L	LE	2	2	4	08	19S	38E	672233	3616621*	85	30	55
L 04141		L	LE			1	05	19S	38E	671093	3618716*	70	35	35
L 04181		L	LE		4	3	03	19S	38E	674531	3617772*	75	48	27
L 04190		L	LE	1	1	2	02	19S	38E	676424	3619113*	90	67	23
L 04208		L	LE	1	1	1	07	19S	38E	669198	3617376*	118	85	33
L 04215		L	LE	2	4	2	05	19S	38E	672200	3618634*	75	35	40
L 04218		L	LE	1	3	3	01	19S	38E	677247	3617919*	140	53	87
L 04218	R	L	LE	1	3	3	01	19S	38E	677247	3617919*	140	53	87
L 04218 POD2		L	LE	2	3	3	01	19S	38E	677447	3617919*	128	55	73
L 04273		L	LE	4	4	2	34	19S	38E	675546	3610435*	100	56	44
L 04280		L	LE	4	1	1	05	19S	38E	670984	3618817*	80	45	35
L 04284		L	LE				01	19S	38E	677951	3618423*	100	45	55
L 04316		L	LE		4	3	03	19S	38E	674531	3617772*	72	49	23
L 04317		L	LE		4	3	03	19S	38E	674531	3617772*	72	50	22
L 04335		L	LE		4	4	16	19S	38E	673776	3614535*	110	35	75

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POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 04371		L	LE	1	3	2	12	19S	38E	678064	3617128*	136	89	47
L 04372		L	LE		3	4	01	19S	38E	678153	3617835*	80	30	50
L 04385		L	LE	4	3	3	01	19S	38E	677447	3617719*	100	68	32
L 04416		L	LE	1	1	1	35	19S	38E	675742	3611044*	100	71	29
L 04417		L	LE	1	4	4	01	19S	38E	678454	3617941*	110	72	38
L 04455		L	LE	1	2	3	01	19S	38E	677643	3618329*	120	75	45
L 04473 POD2		L	LE	2	2	1	35	19S	38E	676345	3611051*	126	85	41
L 04489		L	LE	3	1	4	15	19S	38E	674876	3614857*	100	41	59
L 04527		L	LE	2	2	2	02	19S	38E	677026	3619120*	88	70	18
L 04532		L	LE		2	1	35	19S	38E	676246	3610952*	120		
L 04532 POD2		L	LE	3	2	1	35	19S	38E	676145	3610851*	120	75	45
L 04532 POD3		L	LE		3	1	35	19S	38E	675850	3610543*	110	47	63
L 04534		L	LE	1	1	1	35	19S	38E	675742	3611044*	100	60	40
L 04539		L	LE	4	2	4	15	19S	38E	675478	3614864*	100	48	52
L 04600		L	LE	3	2	2	02	19S	38E	676826	3618920*	100	48	52
L 04612		L	LE	4	2	2	05	19S	38E	672194	3618837*	100	32	68
L 04616		L	LE	2	4	3	03	19S	38E	674630	3617871*	100	36	64
L 04622		L	LE	2	2	4	15	19S	38E	675478	3615064*	70	46	24
L 04635		L	LE	2	2	1	03	19S	38E	674611	3619079*	100	44	56
L 04647		L	LE	3	1	1	35	19S	38E	675742	3610844*	85	48	37
L 04652		L	LE	3	1	3	01	19S	38E	677241	3618122*	100	47	53
L 04657		L	LE		2	1	05	19S	38E	671288	3618924*	70	30	40
L 04678		L	LE	4	4	2	34	19S	38E	675546	3610435*	100	50	50
L 04697		L	LE	2	2	1	35	19S	38E	676345	3611051*	100		
L 04698		L	LE	2	2	2	02	19S	38E	677026	3619120*	100	63	37
L 04758		L	LE	1	1	2	05	19S	38E	671591	3619030*	85	42	43
L 04791		L	LE				28	19S	38E	673222	3611896*	90	40	50
L 04833		L	LE		3	3	22	19S	38E	674203	3612931*	115	50	65
L 04867		L	LE	2	3	1	05	19S	38E	670991	3618614*	70	25	45

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POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 04868	R	L	LE	4	4	2	06	19S	38E	670589	3618406*	106	88	18
L 04868 POD2		L	LE	4	4	2	06	19S	38E	670589	3618406*	154	90	64
L 04978		L	LE		2	2	16	19S	38E	673757	3615744*	102	46	56
L 05005		L	LE	4	1	4	22	19S	38E	675101	3613246*	84	45	39
L 05013		L	LE		2	4	15	19S	38E	675379	3614965*	100	47	53
L 05154		L	LE	4	4	2	34	19S	38E	675546	3610435*	100	35	65
L 05166		L	LE			1	05	19S	38E	671093	3618716*	100	50	50
L 05210		L	LE	3	1	4	25	19S	38E	678144	3611692*	100	56	44
L 05212		L	LE	3	3	1	35	19S	38E	675749	3610442*	100	56	44
L 05219		L	LE	3	1	1	35	19S	38E	675742	3610844*	100	35	65
L 05244		L	LE	1	4	4	25	19S	38E	678553	3611496*	107	60	47
L 05304		L	LE			2	05	19S	38E	671899	3618730*	85	35	50
L 05375		L	LE	4	4	2	34	19S	38E	675546	3610435*	100	56	44
L 05408		L	LE	4	2	4	15	19S	38E	675478	3614864*	142	52	90
L 05485		L	LE	3	4	1	02	19S	38E	676027	3618503*	125	60	65
L 05560		L	LE	2	1	1	05	19S	38E	670984	3619017*	115	33	82
L 05610		L	LE			4	25	19S	38E	678452	3611591*	105	65	40
L 05641		L	LE		1	1	35	19S	38E	675843	3610945*	100	60	40
L 05644		L	LE	3	3	3	01	19S	38E	677247	3617719*	150	65	85
L 05677		L	LE	1	3	2	10	19S	38E	674845	3617072*	125	44	81
L 05677	R	L	LE	1	3	2	10	19S	38E	674845	3617072*	125	44	81
L 05677 POD2		L	LE		3	1	11	19S	38E	675751	3616986*	125	65	60
L 05687		L	LE	4	2	2	05	19S	38E	672194	3618837*	100	35	65
L 05707		L	LE		2	4	04	19S	38E	673719	3618161*	121	50	71
L 05725		L	LE	3	2	3	15	19S	38E	674474	3614851*	98	45	53
L 05725 POD2		L	LE	3	2	3	15	19S	38E	674474	3614851*	120	58	62
L 05777		L	LE	3	4	2	05	19S	38E	672000	3618434*	100	40	60
L 05789		L	LE	2	1	2	27	19S	38E	675113	3612641*	87	50	37
L 05826	R	L	LE		2	4	01	19S	38E	678549	3618245*	125	65	60

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L 05826 POD2		L	LE		2	4	01	19S	38E	678549	3618245*	190	185	5
L 05836		L	LE	4	4	3	35	19S	38E	676363	3609643*	123	75	48
L 05877		L	LE		2	4	28	19S	38E	673820	3611716*	100	55	45
L 06081		L	LE			4	27	19S	38E	675234	3611535*	100	55	45
L 06097		L	LE		4	2	04	19S	38E	673713	3618563*	100	65	35
L 06101		L	LE			4	15	19S	38E	675184	3614757*	100	38	62
L 06101 POD2		L	LE			4	15	19S	38E	675184	3614757*	100	38	62
L 06164		L	LE	2	2	4	02	19S	38E	677039	3618315*	100	49	51
L 06181 POD2		L	LE	4	1	4	01	19S	38E	678245	3618137*	148	107	41
L 06192		L	LE		2	3	03	19S	38E	674525	3618175*	125	60	65
L 06197 POD2		L	LE	4	2	4	01	19S	38E	678648	3618144*	170	160	10
L 06300		L	LE		3	3	01	19S	38E	677348	3617820*	150	70	80
L 06308		L	LE		2	1	05	19S	38E	671288	3618924*	95	36	59
L 06309		L	LE	4	2	1	05	19S	38E	671387	3618823*	80	35	45
L 06331		L	LE		3	4	01	19S	38E	678153	3617835*	130	35	95
L 06609		L	LE	4	4	4	27	19S	38E	675534	3611240*	128	60	68
L 06612		L	LE	3	2	2	26	19S	38E	676924	3612476*	125	80	45
L 06644		L	LE	2	2	2	30	19S	38E	670687	3612566*	60	38	22
L 06712	R	L	LE		3	4	01	19S	38E	678153	3617835*	125	40	85
L 06712 POD2		L	LE		3	4	01	19S	38E	678153	3617835*	164	82	82
L 06718		L	LE			3	05	19S	38E	671107	3617910*	80	28	52
L 06733		L	LE	4	2	4	15	19S	38E	675478	3614864*	123	50	73
L 06747		L	LE		4	1	05	19S	38E	671295	3618522*	80	28	52
L 06759		L	LE				15	19S	38E	674781	3615145*	100	45	55
L 06780		L	LE	1	2	2	02	19S	38E	676826	3619120*	130	72	58
L 06792		L	LE	4	4	1	15	19S	38E	674667	3615254*	100	51	49
L 06806		L	LE		4	2	05	19S	38E	672101	3618535*	85	35	50
L 06858		L	LE		3	2	15	19S	38E	674971	3615361*	100	45	55
L 06898		L	LE	4	4	4	01	19S	38E	678654	3617741*	135	75	60

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L 06902		L	LE		1	3	03	19S	38E	674122	3618168*	150	53	97
L 06922		L	LE	2	2	3	15	19S	38E	674674	3615051*	100	50	50
L 06923		L	LE	2	1	4	01	19S	38E	678245	3618337*	150	72	78
L 06985		L	LE	2	1	1	35	19S	38E	675942	3611044*	98	66	32
L 07000		L	LE			3	02	19S	38E	675939	3617993*	25	14	11
L 07001		L	LE			3	02	19S	38E	675939	3617993*	60	14	46
L 07002		L	LE			3	02	19S	38E	675939	3617993*	44	14	30
L 07014		L	LE			1	01	19S	38E	677537	3618826*	150	65	85
L 07015		L	LE			3	01	19S	38E	677549	3618021*	150	72	78
L 07043		L	LE			1	05	19S	38E	671093	3618716*	150	28	122
L 07052		L	LE		2	2	02	19S	38E	676927	3619021*	126	68	58
L 07104		L	LE			2	05	19S	38E	671899	3618730*	120	30	90
L 07168		L	LE			4	01	19S	38E	678354	3618036*	115	91	24
L 07176		L	LE	3	3	1	03	19S	38E	674014	3618469*	100	52	48
L 07207		L	LE	3	2	1	05	19S	38E	671187	3618823*		31	
L 07238		L	LE	2	1	2	10	19S	38E	675039	3617475*	120	48	72
L 07242	R	L	LE	2	2	2	09	19S	38E	673831	3617454*	130	60	70
L 07242 POD2		L	LE	2	2	2	09	19S	38E	673831	3617454*	141	65	76
L 07247		L	LE		1	2	05	19S	38E	671692	3618931*	71	36	35
L 07252		L	LE	1	1	3	01	19S	38E	677241	3618322*	100	46	54
L 07297		L	LE	3	4	4	03	19S	38E	675235	3617684*	150	45	105
L 07327		L	LE	3	4	2	34	19S	38E	675346	3610435*	75	45	30
L 07349		L	LE		1	1	35	19S	38E	675843	3610945*	111	62	49
L 07352		L	LE		3	1	35	19S	38E	675850	3610543*	110	70	40
L 07357		L	LE		4	4	15	19S	38E	675386	3614562*	101		
L 07359		L	LE	1	1	1	15	19S	38E	674059	3615850*	117	57	60
L 07360		L	LE	1	1	1	35	19S	38E	675742	3611044*	107	67	40
L 07379		L	LE	3	2	4	15	19S	38E	675278	3614864*	120	44	76
L 07381		L	LE			4	15	19S	38E	675184	3614757*	100	50	50

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POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 07393		L	LE		4	1	05	19S	38E	671295	3618522*	120	32	88
L 07467		L	LE		4	4	05	19S	38E	672114	3617730*	100	38	62
L 07480		L	LE		1	1	35	19S	38E	675843	3610945*	115	65	50
L 07491		L	LE		3	1	35	19S	38E	675850	3610543*	120		
L 07502		L	LE	1	1	1	02	19S	38E	675619	3619099*	110		
L 07512		L	LE			4	15	19S	38E	675184	3614757*	100	32	68
L 07521		L	LE	3	1	2	04	19S	38E	673202	3618858*	300		
L 07522		L	LE	4	1	1	03	19S	38E	674208	3618872*	350		
L 07538		L	LE	3	1	2	05	19S	38E	671591	3618830*	360		
L 07539		L	LE	3	2	2	05	19S	38E	671994	3618837*	360		
L 07540		L	LE	1	1	1	04	19S	38E	672397	3619044*	350		
L 07573		L	LE		2	1	30	19S	38E	669784	3612454*	120	50	70
L 07608		L	LE	2	3	2	05	19S	38E	671797	3618628*	75	28	47
L 07625		L	LE	1	4	2	05	19S	38E	672000	3618634*	100	48	52
L 07661		L	LE		2	3	03	19S	38E	674525	3618175*	150	65	85
L 07708		L	LE		2	1	01	19S	38E	677732	3619035*	140	95	45
L 07758		L	LE	1	2	4	03	19S	38E	675229	3618287*	130	58	72
L 07782		L	LE	1	2	1	05	19S	38E	671187	3619023*	150	45	105
L 07847		L	LE		4	4	19	19S	38E	670581	3612870*	80	65	15
L 07856		L	LE		2	3	05	19S	38E	671302	3618119*	100	48	52
L 07882		L	LE	1	1	4	15	19S	38E	674876	3615057*	100	32	68
L 07888		L	LE	4	3	1	05	19S	38E	670991	3618414*	110	48	62
L 07968		L	LE	2	2	4	27	19S	38E	675528	3611843*	130	65	65
L 07970		L	LE	3	3	4	35	19S	38E	676565	3609650*	140	85	55
L 07970	R	L	LE	3	3	4	35	19S	38E	676565	3609650*	140	85	55
L 07976		L	LE		4	2	30	19S	38E	670595	3612065*	81	48	33
L 07987		L	LE		4	2	30	19S	38E	670595	3612065*	81	48	33
L 08037		L	LE		4	1	05	19S	38E	671295	3618522*	100	50	50
L 08046		L	LE	4	4	2	15	19S	38E	675472	3615267*	130	58	72

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POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 08094		L	LE		3	4	01	19S	38E	678153	3617835*	130	48	82
L 08099		L	LE	3	4	3	35	19S	38E	676163	3609643*	101	43	58
L 08103		L	LE	3	3	3	35	19S	38E	675761	3609636*	92	45	47
L 08122		L	LE	3	3	3	35	19S	38E	675761	3609636*	92	42	50
L 08130		L	LE	3	4	3	35	19S	38E	676163	3609643*	92	42	50
L 08132		L	LE	2	4	3	35	19S	38E	676363	3609843*	92	42	50
L 08134		L	LE	3	4	3	35	19S	38E	676163	3609643*	92	42	50
L 08137		L	LE	1	3	3	35	19S	38E	675761	3609836*	92	42	50
L 08138		L	LE	1	3	3	35	19S	38E	675761	3609836*	97	48	49
L 08144		L	LE	3	3	3	35	19S	38E	675761	3609636*	98	55	43
L 08158		L	LE	4	4	2	04	19S	38E	673812	3618462*	130	44	86
L 08167		L	LE	2	1	1	10	19S	38E	674234	3617461*	130	38	92
L 08183		L	LE	2	4	2	05	19S	38E	672200	3618634*	94		
L 08212		L	LE	4	3	3	23	19S	38E	675912	3612857*	121	60	61
L 08235		L	LE			1	05	19S	38E	671093	3618716*	135	70	65
L 08250		L	LE	2	4	3	14	19S	38E	676289	3614675*	125	80	45
L 08279		L	LE		4	3	15	19S	38E	674581	3614549*	130	58	72
L 08280		L	LE		3	4	15	19S	38E	674983	3614556*	130	58	72
L 08280	R	L	LE		3	4	15	19S	38E	674983	3614556*	130	58	72
L 08300		L	LE		2	2	27	19S	38E	675416	3612549*	102	48	54
L 08317		L	LE	1	1	1	04	19S	38E	672397	3619044*	150	50	100
L 08352		L	LE		4	4	15	19S	38E	675386	3614562*	118	50	68
L 08363		L	LE		3	4	15	19S	38E	674983	3614556*	130	58	72
L 08375		L	LE	3	4	2	10	19S	38E	675247	3616879*	150	84	66
L 08422		L	LE	3	1	3	11	19S	38E	675656	3616482*	150	65	85
L 08446		L	LE	4	2	2	29	19S	38E	672297	3612394*	120	42	78
L 08449		L	LE			3	35	19S	38E	676063	3609938*	100	40	60
L 08455		L	LE	1	3	3	35	19S	38E	675761	3609836*	130	78	52
L 08522		L	LE		4	3	35	19S	38E	676264	3609744*	120	52	68

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L 08539	R	L	LE	2	4	4	01	19S	38E	678654	3617941*	150	100	50
L 08539 POD2	R	L	LE		4	4	01	19S	38E	678555	3617842*	200	60	140
L 08539 POD3		L	LE	4	4	4	01	19S	38E	678593	3617801	215		
L 08568		L	LE	4	4	3	35	19S	38E	676363	3609643*	95	40	55
L 08569		L	LE	4	4	3	35	19S	38E	676363	3609643*	80	40	40
L 08570		L	LE	4	4	3	35	19S	38E	676363	3609643*	80	40	40
L 08571		L	LE	4	4	3	35	19S	38E	676363	3609643*	88	41	47
L 08572		L	LE	1	1	1	35	19S	38E	675742	3611044*	110	62	48
L 08576		L	LE	3	4	4	01	19S	38E	678454	3617741*	145	85	60
L 08596		L	LE		3	4	35	19S	38E	676666	3609751*	80	40	40
L 08612		L	LE		4	2	34	19S	38E	675447	3610536*	105	65	40
L 08613		L	LE		4	2	34	19S	38E	675447	3610536*	105	60	45
L 08614		L	LE		2	2	26	19S	38E	677025	3612577*	140	70	70
L 08620		L	LE	2	3	1	35	19S	38E	675949	3610642*	112	60	52
L 08621		L	LE	2	3	1	35	19S	38E	675949	3610642*	107	60	47
L 08634		L	LE	1	4	1	35	19S	38E	676151	3610649*	106	60	46
L 08641		L	LE		4	1	35	19S	38E	676252	3610550*	112	66	46
L 08649		L	LE			2	05	19S	38E	671899	3618730*	100	29	71
L 08672		L	LE	1	3	3	35	19S	38E	675761	3609836*	100	70	30
L 08740		L	LE			1	11	19S	38E	675952	3617187*	110	42	68
L 08844		L	LE	1	1	3	35	19S	38E	675755	3610239*	105	55	50
L 08844	R	L	LE	1	1	3	35	19S	38E	675755	3610239*	105	55	50
L 08844 POD2		L	LE	1	1	3	35	19S	38E	675755	3610239*	105	80	25
L 08855	R	L	LE	1	2	2	27	19S	38E	675315	3612648*	107	55	52
L 08855 POD2		L	LE	1	2	2	27	19S	38E	675315	3612648*	105	55	50
L 08871		L	LE	2	2	4	27	19S	38E	675528	3611843*	105	63	42
L 08881		L	LE	2	2	3	35	19S	38E	676357	3610246*	110	60	50
L 08890		L	LE			1	22	19S	38E	674392	3613938*	130	130	0
L 08907		L	LE	3	3	3	35	19S	38E	675761	3609636*	100	35	65

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POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 08938		L	LE	4	4	3	35	19S	38E	676363	3609643*	90	60	30
L 08940		L	LE		2	2	30	19S	38E	670588	3612467*	90	70	20
L 08992		L	LE	4	1	2	27	19S	38E	675113	3612441*	100	54	46
L 08999		L	LE	3	3	3	35	19S	38E	675761	3609636*	100	53	47
L 09009		L	LE	2	1	4	27	19S	38E	675126	3611836*	100	54	46
L 09018		L	LE	4	1	4	15	19S	38E	675076	3614857*	100	32	68
L 09037		L	LE	3	2	3	35	19S	38E	676157	3610046*	100	48	52
L 09038	R	L	LE	2	1	4	27	19S	38E	675126	3611836*	100	55	45
L 09038 POD2		L	LE	2	1	4	27	19S	38E	675126	3611836*	84	50	34
L 09074		L	LE	1	3	2	27	19S	38E	674919	3612239*	100	55	45
L 09081		L	LE	2	3	2	27	19S	38E	675119	3612239*	100	55	45
L 09114		L	LE	2	1	2	27	19S	38E	675113	3612641*	100	55	45
L 09164		L	LE	2	1	4	27	19S	38E	675126	3611836*	100	80	20
L 09182		L	LE	3	2	2	30	19S	38E	670487	3612366*	100	48	52
L 09205		L	LE	3	1	2	27	19S	38E	674913	3612441*	108	55	53
L 09208		L	LE	1	1	2	27	19S	38E	674913	3612641*	105	56	49
L 09227		L	LE		3	4	01	19S	38E	678153	3617835*	130	82	48
L 09241		L	LE			4	01	19S	38E	678354	3618036*	130	78	52
L 09254		L	LE	2	3	4	01	19S	38E	678252	3617934*	130	82	48
L 09282		L	LE	3	1	1	01	19S	38E	677228	3618927*	140	65	75
L 09285		L	LE	3	1	4	01	19S	38E	678045	3618137*	155	58	97
L 09302		L	LE		2	3	27	19S	38E	674624	3611730*	96	48	48
L 09310		L	LE	4	1	4	15	19S	38E	675076	3614857*	120	58	62
L 09481		L	LE			4	27	19S	38E	675234	3611535*	92	65	27
L 09486		L	LE	4	2	3	15	19S	38E	674674	3614851*	132	74	58
L 09493		L	LE	4	2	4	01	19S	38E	678648	3618144*	155	80	75
L 09501		L	LE	2	2	3	27	19S	38E	674723	3611829*	92	40	52
L 09573		L	LE	2	2	2	27	19S	38E	675515	3612648*	92	57	35
L 09606		L	LE	3	3	2	27	19S	38E	674919	3612039*	100	56	44

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POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 09608		L	LE	2	4	4	01	19S	38E	678654	3617941*	138	63	75
L 09620		L	LE	2	2	1	27	19S	38E	674711	3612634*	98	60	38
L 09663		L	LE	1	3	2	35	19S	38E	676553	3610656*	98	60	38
L 09664		L	LE		2	1	27	19S	38E	674612	3612535*	100	45	55
L 09702		L	LE		1	2	27	19S	38E	675014	3612542*	89	60	29
L 09703		L	LE		1	2	27	19S	38E	675014	3612542*	104	65	39
L 09707		L	LE		2	2	27	19S	38E	675416	3612549*	100	46	54
L 09720		L	LE			4	15	19S	38E	675184	3614757*	100	65	35
L 09758		L	LE			2	30	19S	38E	670394	3612259*	130	80	50
L 09773		L	LE		3	2	27	19S	38E	675020	3612140*	104	65	39
L 09776		L	LE		2	1	27	19S	38E	674612	3612535*	103	52	51
L 09783		L	LE			2	27	19S	38E	675221	3612341*	102	35	67
L 09821		L	LE			4	15	19S	38E	675184	3614757*	100	51	49
L 09825		L	LE		3	2	27	19S	38E	675020	3612140*	91	65	26
L 09836		L	LE	3	4	4	27	19S	38E	675334	3611240*	98	57	41
L 09839		L	LE	3	1	3	03	19S	38E	674021	3618067*	150	60	90
L 09844		L	LE		4	4	01	19S	38E	678555	3617842*	150	95	55
L 09845		L	LE	4	4	3	01	19S	38E	677849	3617727*	150	80	70
L 09858		L	LE	3	1	1	01	19S	38E	677228	3618927*	178	63	115
L 09868		L	LE		2	1	27	19S	38E	674612	3612535*	103	52	51
L 09872		L	LE		3	3	01	19S	38E	677348	3617820*	150	95	55
L 09896		L	LE			4	15	19S	38E	675184	3614757*	100	38	62
L 09930		L	LE	4	2	4	01	19S	38E	678648	3618144*	140	80	60
L 09995		L	LE	4	4	1	27	19S	38E	674717	3612032*	94	65	29
L 10011		L	LE		1	1	14	19S	38E	675769	3615778*	140	60	80
L 10023		L	LE	4	3	3	05	19S	38E	671005	3617608*	125	20	105
L 10034		L	LE		2	3	01	19S	38E	677744	3618230*	150	68	82
L 10046		L	LE			4	15	19S	38E	675184	3614757*	120	70	50
L 10060		L	LE		4	4	25	19S	38E	678654	3611397*	115	58	57

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L 10111		L	LE				01	19S	38E	677951	3618423*	154	88	66
L 10130		L	LE	2	4	1	27	19S	38E	674717	3612232*	96	40	56
L 10132		L	LE	2	4	1	27	19S	38E	674717	3612232*	91	40	51
L 10138		L	LE	4	3	4	14	19S	38E	676691	3614482*	180	60	120
L 10138 S		L	LE		3	4	14	19S	38E	676592	3614583*	115		
L 10138 S2		L	LE		4	4	14	19S	38E	676995	3614591*	178		
L 10159		L	LE	4	1	3	05	19S	38E	670998	3618011*	150	20	130
L 10210		L	LE	3	4	4	01	19S	38E	678454	3617741*	150	100	50
L 10256		L	LE		1	1	35	19S	38E	675843	3610945*	105	65	40
L 10322		L	LE	4	2	4	15	19S	38E	675478	3614864*	133	44	89
L 10323		L	LE		1	1	35	19S	38E	675843	3610945*	100	80	20
L 10332		L	LE			4	01	19S	38E	678354	3618036*	168	73	95
L 10336		L	LE	3	1	3	06	19S	38E	669190	3617981*	150	90	60
L 10353	R	L	LE	4	4	4	27	19S	38E	675534	3611240*	100	100	0
L 10353 POD2		L	LE	4	4	4	27	19S	38E	675534	3611240*	98	57	41
L 10385	R	L	LE	4	1	2	27	19S	38E	675113	3612441*	100	45	55
L 10385 POD2		L	LE	4	1	2	27	19S	38E	675113	3612441*	98		
L 10417		L	LE		1	4	27	19S	38E	675027	3611737*	94	30	64
L 10425		L	LE	3	4	1	34	19S	38E	674542	3610421*	60	35	25
L 10451		L	LE	4	4	2	34	19S	38E	675546	3610435*	76	35	41
L 10466		L	LE			4	23	19S	38E	676818	3613174*	100	100	0
L 10475		L	LE	4	2	3	19	19S	38E	669870	3613158*	100	100	0
L 10490		L	LE				01	19S	38E	677951	3618423*	157	65	92
L 10503		L	LE			4	15	19S	38E	675184	3614757*	100	70	30
L 10509		L	LE			4	01	19S	38E	678354	3618036*	156	70	86
L 10520		L	LE		1	2	27	19S	38E	675014	3612542*	100	50	50
L 10523		L	LE		1	1	35	19S	38E	675843	3610945*	104	65	39
L 10536		L	LE		2	1	27	19S	38E	674612	3612535*	93		
L 10544		L	LE		1	1	14	19S	38E	675769	3615778*	120	54	66

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POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 10548		L	LE		1	4	27	19S	38E	675027	3611737*	99		
L 10555		L	LE	3	3	1	05	19S	38E	670791	3618414*	70		
L 10556		L	LE	3	3	1	05	19S	38E	670791	3618414*	55		
L 10592		L	LE			4	27	19S	38E	675234	3611535*	95	90	5
L 10604		L	LE		1	2	27	19S	38E	675014	3612542*	98	52	46
L 10610		L	LE			4	27	19S	38E	675234	3611535*	100	52	48
L 10611		L	LE			1	30	19S	38E	669581	3612246*	97	50	47
L 10627		L	LE		1	4	27	19S	38E	675027	3611737*	93	52	41
L 10660		L	LE			1	27	19S	38E	674417	3612327*	102	63	39
L 10713		L	LE			2	35	19S	38E	676855	3610758*	113	79	34
L 10782		L	LE			2	27	19S	38E	675221	3612341*	100	52	48
L 10783		L	LE			4	01	19S	38E	678354	3618036*	188	90	98
L 10812		L	LE			4	27	19S	38E	675234	3611535*	100	44	56
L 10821		L	LE		2	2	30	19S	38E	670588	3612467*	61	37	24
L 10834		L	LE	1	1	1	35	19S	38E	675742	3611044*	132	60	72
L 10960		L	LE		4	3	01	19S	38E	677750	3617828*	160	85	75
L 10995		L	LE		4	3	01	19S	38E	677750	3617828*	180	35	145
L 10996		L	LE		4	3	01	19S	38E	677750	3617828*	180		
L 10997		L	LE			4	01	19S	38E	678354	3618036*	160	100	60
L 10998		L	LE		2	4	01	19S	38E	678549	3618245*	160	100	60
L 11001		L	LE		4	3	01	19S	38E	677750	3617828*	160	100	60
L 11003		L	LE		4	3	01	19S	38E	677750	3617828*	160	100	60
L 11006		L	LE		2	3	01	19S	38E	677744	3618230*	160		
L 11014		L	LE			2	34	19S	38E	675246	3610730*	128	67	61
L 11015		L	LE		3	4	15	19S	38E	674983	3614556*	120	45	75
L 11025		L	LE			2	35	19S	38E	676855	3610758*	103		
L 11043		L	LE	2	4	4	01	19S	38E	678654	3617941*	160	123	37
L 11059		L	LE			4	01	19S	38E	678354	3618036*	160	93	67
L 11060		L	LE		1	3	14	19S	38E	675782	3614972*	158		

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POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 11076	R	L	LE		2	3	01	19S	38E	677744	3618230*	160	91	69
L 11080		L	LE			1	06	19S	38E	669490	3618685*	168		
L 11097		L	LE		4	3	35	19S	38E	676264	3609744*	85		
L 11127		L	LE	3	3	3	22	19S	38E	674102	3612830*	108		
L 11145		L	LE	4	1	4	01	19S	38E	678245	3618137*	160	91	69
L 11150		L	LE	4	2	3	01	19S	38E	677843	3618129*	160		
L 11172		L	LE	4	2	1	27	19S	38E	674711	3612434*	101		
L 11222		L	LE	4	4	1	27	19S	38E	674717	3612032*	101		
L 11276		L	LE	2	2	3	23	19S	38E	676308	3613467*	134		
L 11300		L	LE	4	3	1	14	19S	38E	675875	3615274*	138		
L 11301		L	LE	1	2	1	27	19S	38E	674511	3612634*	102		
L 11327		L	LE	4	1	1	05	19S	38E	670984	3618817*	80	38	42
L 11328		L	LE	1	1	1	35	19S	38E	675742	3611044*	141		
L 11352		L	LE	2	1	4	07	19S	38E	670220	3616586*	98		
L 11384		L	LE	2	1	2	27	19S	38E	675113	3612641*	105		
L 11409		L	LE	3	1	3	11	19S	38E	675656	3616482*	175		
L 11413		L	LE	1	1	4	23	19S	38E	676510	3613474*	135	76	59
L 11450		L	LE	4	4	4	27	19S	38E	675534	3611240*	130		
L 11501		L	LE	1	1	1	35	19S	38E	675742	3611044*	140		
L 11506		L	LE	2	2	2	02	19S	38E	677026	3619120*	180	95	85
L 11510		L	LE		3	2	27	19S	38E	675020	3612140*	42		
L 11587		L	LE	2	4	1	22	19S	38E	674692	3613842*	136		
L 11593		L	LE	1	2	1	22	19S	38E	674486	3614245*	125		
L 11653		L	LE	4	4	2	06	19S	38E	670589	3618406*	233		
L 11694		L	LE	1	2	3	01	19S	38E	677643	3618329*	190	105	85
L 11714		L	LE	1	1	2	16	19S	38E	672870	3615817	43	20	23
L 11812		L	LE	3	3	3	26	19S	38E	675736	3611247*	130		
L 11813		L	LE	3	3	2	30	19S	38E	670092	3611957*	85		
L 11814		L	LE	3	3	3	26	19S	38E	675736	3611247*	120		

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POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 11820		L	LE	3	1	2	27	19S	38E	674913	3612441*	100		
L 11850		L	LE	2	2	1	27	19S	38E	674711	3612634*	95		
L 11991 POD1		L	LE	4	2	4	06	19S	38E	670678	3618398	145		
L 12011 POD1		L	LE	3	3	2	27	19S	38E	675012	3612090	95		
L 12016 POD1		L	LE	4	3	4	01	19S	38E	678226	3617662	200		
L 12058 POD1		L	LE	4	3	4	01	19S	38E	678252	3617662	205		
L 12154 POD1		L	LE	2	3	3	15	19S	38E	674361	3614592	160		
L 12226 POD1		L	LE	1	3	1	11	19S	38E	675572	3617158	173		
L 12228 POD1		L	LE	2	4	4	06	19S	38E	670596	3617848	120	32	88
L 12260 POD1		L	LE	3	1	4	01	19S	38E	677992	3618064	200		
L 12262 POD1		L	LE	4	4	3	01	19S	38E	677824	3617686	190	102	88
L 12306 POD1		L	LE	1	2	2	01	19S	38E	678520	3619241	235		
L 12308 POD1		L	LE	1	3	3	26	19S	38E	675766	3611470	134	68	66
L 12310 POD1		L	LE	3	3	3	26	19S	38E	669923	3629679	185	75	110
L 12343 POD1		L	LE	4	1	1	34	19S	38E	674434	3610730	66	42	24
L 12381 POD1		L	LE	3	1	2	27	19S	38E	675008	3612453	124		
L 12419 POD1		L	LE	1	1	1	35	19S	38E	675678	3611134	136		
L 12473 POD1		L	LE	2	1	2	27	19S	38E	643913	3612109	105	60	45
L 12489 POD1		L	LE	1	4	4	15	19S	38E	675240	3614669	160	100	60
L 12519 POD1		L	LE	4	3	4	01	19S	38E	678231	3617659	195		
L 12530 POD1		L	LE	3	3	2	27	19S	38E	675016	3612006	90		
L 12543 POD1		L	LE	2	1	3	35	19S	38E	676021	3610151	110		
L 12601 POD1		L	LE	1	1	4	15	19S	38E	674891	3615131	140		
L 12745 POD1		L	LE	4	2	4	27	19S	38E	675602	3611576	132	58	74
L 12746 POD1		L	LE	4	2	4	27	19S	38E	643913	3612109	128	58	70
L 12816 POD1		L	LE	2	2	4	27	19S	38E	675547	3611923	135		
L 12851 POD1		L	LE	1	4	1	34	19S	38E	674460	3610592	70		
L 12870 POD1		L	LE	1	3	3	11	19S	38E	675748	3616330	173		
L 12880 POD1		L	LE	3	4	4	27	19S	38E	675432	3611318	130		

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POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 12887 POD1		L	LE	4	4	1	03	19S	38E	674553	3618484	133	75	58
L 12896 POD1		L	LE	3	2	1	23	19S	38E	676564	3615993	144	71	73
L 12991 POD1		L	LE	4	3	2	10	19S	38E	675120	3616932	172		
L 12992 POD1		L	LE	1	1	1	35	19S	38E	675664	3611072	91		
L 13006 POD1		L	LE	2	2	3	26	19S	38E	676433	3611936	135	92	43
L 13067 POD1		L	LE	2	3	2	34	19S	38E	675159	3610532	131	68	63
L 13138 POD1		L	LE	2	2	2	27	19S	38E	675619	3612578	120		
L 13144 POD1		L	LE	2	2	2	34	19S	38E	675486	3611075	121	71	50
L 13172 POD1		L	LE	4	2	4	15	19S	38E	675585	3614786	141		
L 13202 POD1		L	LE	4	4	3	11	19S	38E	676224	3616083	145	72	73
L 13208 POD1		L	LE	3	3	3	26	19S	38E	675750	3611203	137		
L 13212 POD1		L	LE	3	3	4	11	19S	38E	676468	3616064	143	73	70
L 13221 POD1		L	LE	3	3	1	05	19S	38E	670741	3618396	151		
L 13231 POD1		L	LE	1	2	2	10	19S	38E	675240	3617531	160		
L 13312 POD1		L	LE	2	1	1	22	19S	38E	674215	3614161	60	45	15
L 13312 POD2		L	LE	2	1	1	22	19S	38E	674228	3614159	60	45	15
L 13312 POD3		L	LE	2	1	1	22	19S	38E	674228	3614159	60	53	7
L 13312 POD4		L	LE	2	1	1	22	19S	38E	674235	3614168	63	44	19
L 13409 POD4		L	LE	2	2	1	05	19S	38E	671379	3619119		42	
L 13447 POD1		L	LE	3	3	3	01	19S	38E	669072	3630414	193		
L 13481 POD1		L	LE	3	3	2	35	19S	38E	676680	3610508	135	88	47
L 13515 POD1		L	LE	2	3	2	04	19S	38E	673433	3618372	50	43	7
L 13515 POD2		L	LE	2	3	2	04	19S	38E	673432	3618372	55	43	12
L 13515 POD3		L	LE	2	3	2	04	19S	38E	673174	3618367	50	43	7
L 13515 POD4		L	LE	2	3	2	04	19S	38E	673201	3618355	50		
L 13515 POD5		L	LE	2	3	2	04	19S	38E	673201	3618355			
L 13515 POD6		L	LE	2	3	2	04	19S	38E	673429	3618710	50		
L 13571 POD1		L	LE	3	2	4	19	19S	38E	670378	3613239	85	47	38
L 13609 POD1		L	LE	4	3	2	35	19S	38E	676698	3610509	142	60	82

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POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 13653 POD1		L	LE	3	3	4	15	19S	38E	674807	3614391	140	75	65
L 13654 POD1		L	LE	3	3	4	15	19S	38E	674884	3614484	144	78	66
L 13716 POD1		L	LE	2	2	2	30	19S	38E	670757	3612592	83		
L 13737 POD1		L	LE	3	3	3	14	19S	38E	675648	3614473	153		
L 13769 POD1		L	LE	1	2	1	34	19S	38E	674182	3611391	90	50	40
L 13806 POD1		L	LE	1	4	1	09	19S	38E	672794	3616993	150	150	0
L 13806 POD2		L	LE	1	4	1	09	19S	38E	672794	3616993	150		
L 13816 POD1		L	LE	1	2	3	26	19S	38E	676698	3610372	142	60	82

Average Depth to Water: **55 feet**

Minimum Depth: **14 feet**

Maximum Depth: **185 feet**

Record Count: 730

PLSS Search:

Township: 19S **Range:** 38E

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