



March 27, 2015

Mr. Mike Bratcher
NMOCD District 2
811 S. 1st Street
Artesia, NM 88210

AMARILLO
921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
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ARTESIA
408 West Texas Ave.
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Phone 575.746.8768
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HOBBS
318 East Taylor Street
Hobbs, New Mexico 88240
Phone 575.393.4261
Fax 575.393.4658

MIDLAND
2901 State Hwy 349
Midland, Texas 79706
Phone 432.522.2133
Fax 432.522.2180

OKLAHOMA CITY
7700 North Hudson Avenue
Suite 10
Oklahoma City, Oklahoma 73116
Phone 405.486.7030
Fax 806.467.0622

SAN ANTONIO
13111 Lookout Way
San Antonio, Texas 78233
Phone 210.265.8025
Fax 210.568.2191

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Subject: **Remedial Activities and Closure Report**
Oxy Permian, LTD
Riverbend Federal No.8 SWD
API #: 30-015-28390
Lease No.: NMNM-82992
(2RP-2780)

Oxy Permian (Oxy) has contracted Talon/LPE (Talon) to perform initial spill response, soil assessment and remediation services at the above referenced location. The incident description, soil sampling results, remediation activities and closure request are submitted herein.

Incident Date

The release was discovered on January 7, 2015 at 5:30 am.

Background Information

The Riverbend Federal No. 8 SWD is located approximately ten (10) miles southeast of Malaga, New Mexico. The legal location for this site is Unit Letter D, Section 23, Township 24 South, and Range 29 East. More specifically the latitude and longitude for the release are 32.20900 North and -103.96270 West. A site plan is presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Kermit-Berino fine sands with 0 to 3 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is Holocene to middle Pleistocene in age. Drainage courses in this area are normally dry. Ground water in the project vicinity is greater than 220-feet according to the New Mexico Office of the State Engineer. See [Appendix II](#) for the referenced groundwater data.

The ranking for this site is 0 based on the following:

Depth to ground water	>100'
Wellhead Protection Area	>1000'
Distance to surface water body	>1000'

Incident Description

A 3-inch steel nipple on the discharge gauge failed due to internal corrosion causing a release of 100 barrels of produced water. A vacuum truck was immediately dispatched to the location and recovered approximately 90 barrels of produced water. The SWD was shut-in, the nipple replaced and the well brought back into service. Talon mobilized personnel to conduct a site assessment and collected soil samples within the impacted area. Upon receipt of analytical results from the soil sampling event, a remediation work plan was drafted and subsequently approved by NMOCD and BLM.

Remedial Actions Taken

- The impacted areas in the vicinity of sample locations S-1 and S-3 were excavated to a depth of 0.5-feet bgs.
- The impacted area in the vicinity of sample location S-2 was excavated to a depth of 1.5-feet bgs.
- All of the excavated material was hauled to an NMOCD approved solid waste disposal facility.
- Per BLM and NMOCD stipulations, confirmation soil samples were taken at sample locations S-1, S-2, and S-3 to insure the chloride concentrations in the remaining soil are below NMOCD RRAL's. Laboratory results from the confirmation sampling are summarized in the table below.
- Upon receipt of acceptable laboratory results from the confirmation sampling, the excavation was backfilled with caliche and contoured to match the surrounding location.

Laboratory Results

See [Appendix III](#) for complete report of laboratory results.

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	0.5	--	ND	--	--
S-2	1.5	--	ND	--	--
S-3	0.5	--	ND	--	--

(--) Analyte Not Tested

(ND) Analyte Not Detected

Closure

On behalf of Oxy Permian, LTD, we respectfully request that no further actions be required and that closure with respect to this release be granted.

If we can provide additional information or be of further assistance please contact our office at 575.746.8768.

Respectfully submitted,

TALON/LPE

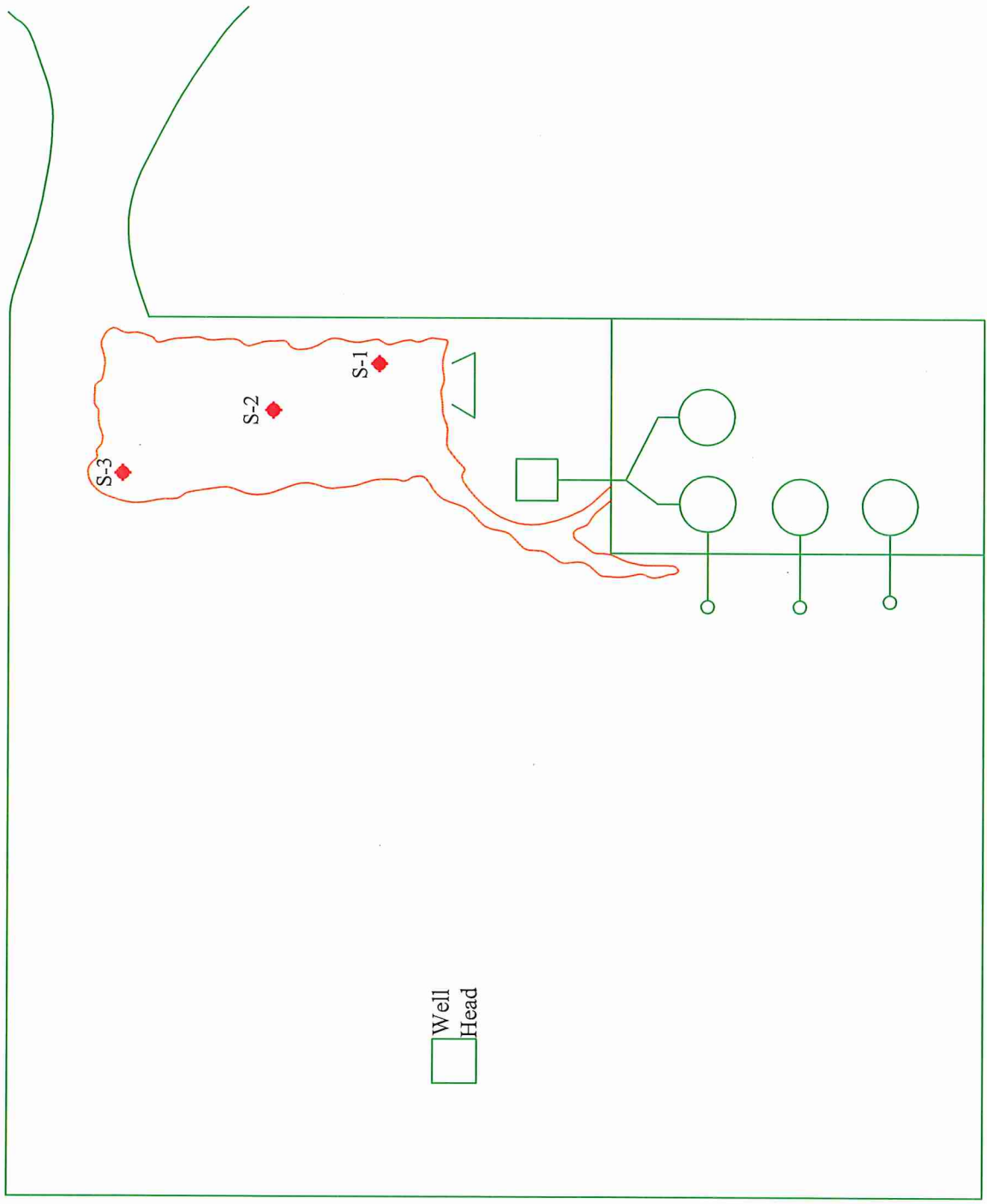
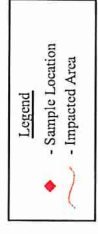
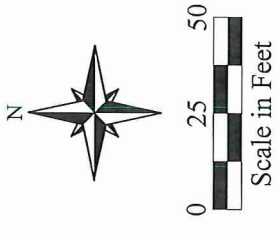


Sheldon L. Hitchcock
Project Manager



David J. Adkins
District Manager

SITE PLAN



Well Head



Date: 01/15/2015

Scale: 1" = 50'

Drawn By: TJS

Riverbend Federal 8 SWD Battery
 Oxy - NM - North
 Eddy County, New Mexico
 Figure 1 - Site Plan

GROUNDWATER DATA
INITIAL C-141
&
FINIAL C-141



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 Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 00863			ED	3	3	1	16	24S	29E	594524	3565091*	3385	220		
C 00863 CLW199506	O		ED	3	3	1	16	24S	29E	594524	3565091*	3385	220		
C 00463		C	ED	4	4	4	17	24S	29E	594332	3564282*	3435	260	4	256
C 02109			ED	1	2	4	19	24S	30E	602130	3563412	4421	130	150	-20

Average Depth to Water: **77 feet**

Minimum Depth: **4 feet**

Maximum Depth: **150 feet**

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 597763

Northing (Y): 3564105

Radius: 5000

*UTM location was derived from PLSS - see Help

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

NM OIL CONSERVATION
ARTESIA DISTRICT

FEB 2 2015

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011
RECEIVED
Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

NAB1503 433547


OPERATOR		<input checked="" type="checkbox"/> Initial Report	<input type="checkbox"/> Final Report
Name of Company: <u>Oxy USA Inc. [16696]</u>		Contact: <u>Chris Jones</u>	
Address: <u>102 S. Main St. Carlsbad, NM 88220</u>		Telephone No.: <u>575-628-4121</u>	
Facility Name: <u>Riverbend Fed 8 SWD</u>		Facility Type: <u>SWD</u>	
Surface Owner: <u>BLM</u>		Mineral Owner: <u>Federal</u>	
		API No. <u>30-015-28390</u>	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	23	24S	29E	460	North	330	West	Eddy

Latitude 32.20900933 Longitude -103.962706393

NATURE OF RELEASE

Type of Release: <u>Produced Water</u>	Volume of Release <u>100 bbls</u>	Volume Recovered <u>90 bbls</u>
Source of Release: <u>1" Steel Nipple corroded</u>	Date and Hour of Occurrence: <u>1/7/15 5:30 am</u>	Date and Hour of Discovery: <u>1/7/15 5:30 am</u>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <u>Mike Bratcher of NMOCD via telephone</u> <u>Jim Amos of BLM - via email</u>	
By Whom? <u>Kimberly M. Wilson</u>	Date and Hour: <u>1/8/2015 @ 10:10 am</u>	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* <u>On January 7, 2015 a 1-inch steel nipple on the discharge gauge failed due to internal corrosion causing a release of 100 barrels of produced water. The SWD was shut-in, the nipple replaced and the well brought back into service. A vac truck was immediately called to the location and recovered 90 barrels of water. Talon/LPE was contacted for the correction of this release.</u>		
Describe Area Affected and Cleanup Action Taken.* <u>The area impact area on location affected was the annular pad measuring approximately 30-feet wide by 100-feet long.</u>		
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: <u>Chris Jones</u> <small>Digitally signed by Chris Jones DN: cn=Chris Jones, o=oxy, email=cjones188@yahoo.com, c=US Date: 2015.01.09 14:08:01 -0600</small>	OIL CONSERVATION DIVISION	
Printed Name: <u>Chris Jones</u>	Approved by Environmental Specialist: 	
Title: <u>HES Specialist</u>	Approval Date: <u>2/2/15</u>	Expiration Date: <u>N/A</u>
E-mail Address: <u>Christopher.Jones@oxy.com</u>	Conditions of Approval:	
Date: <u>1/9/2015</u>	Attached <input type="checkbox"/>	

Remediation per O.C.D. Rules & Guidelines

SUBMIT REMEDIATION PROPOSAL NO

LATER THAN: 3/2/15

2RP-2780

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company OXY USA INC	Contact Chris Jones
Address 102 S. Main St. Carlsbad, NM 88220	Telephone No. 575-628-4121
Facility Name Riverbend Federal No. 8 SWD	Facility Type SWD

Surface Owner BLM	Mineral Owner Federal (NM-82992)	API No. 30-015-28390
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LOCATION OF RELEASE

Unit Letter P	Section 19	Township 21S	Range 24E	Feet from the 460	North/South Line North	Feet from the 330	East/West Line West	County Eddy
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Latitude 32.20900933 Longitude -103.962706393

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 100bbls	Volume Recovered 90bbls
Source of Release 1" Steel Nipple failure	Date and Hour of Occurrence 1/7/2015 5:30 am	Date and Hour of Discovery 1/7/2015 5:30am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher-NMOCD Jim Amos-BLM	
By Whom? Kimberly Wilson-Talon/LPE	Date and Hour 1/8/2015 @ 10:10pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

A 1" steel nipple on the discharge gauge failed due to internal corrosion causing a release of approximately 100bbls of produced water. The SWD was shut in and the nipple was replaced. The SWD was put back into service. A vacuum truck was immediately dispatched to the location and recovered approximately 90bbls of produced water. Talon/LPE mobilized personnel to conduct a site assessment, collect soil samples and draft a work plan.

Describe Area Affected and Cleanup Action Taken.*

The impacted area was contained to the caliche well pad and measured approximately 30' wide by 100' long. Talon/LPE mobilized personnel and equipment to perform remediation activities to the specifications laid out in the approved work plan. After the impacted area was excavated confirmation samples were taken. Upon receipt of acceptable confirmation samples the impacted area was backfilled with caliche and contoured to match the surrounding terrain.

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.

OIL CONSERVATION DIVISION

Signature: Chris Jones <small>Digitally signed by Chris Jones DN: cn=Chris Jones, o, ou, email=ckjones888@yahoo.com, c=US Date: 2015.03.29.10:27:25 -05'00'</small>	Approved by Environmental Specialist:	
Printed Name: Chris Jones	Approval Date:	Expiration Date:
Title: HES Specialist	Conditions of Approval:	
E-mail Address: Christopher.Jones@oxy.com	Attached <input type="checkbox"/>	
Date: 3/26/2015	Phone: 575-628-4121	

LABORATORY RESULTS



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

January 14, 2015

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: RIVERBEND FED 8 SWD BATT

Enclosed are the results of analyses for samples received by the laboratory on 01/09/15 14:50.

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 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:

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

Received:	01/09/2015	Sampling Date:	01/08/2015
Reported:	01/14/2015	Sampling Type:	Soil
Project Name:	RIVERBEND FED 8 SWD BATT	Sampling Condition:	Cool & Intact
Project Number:	700608.390.01	Sample Received By:	Jodi Henson
Project Location:	SEC 23, T24S, R29E		

Sample ID: S - 1 0' (H500076-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.209	0.050	01/12/2015	ND	1.59	79.4	2.00	11.9	
Toluene*	0.720	0.050	01/12/2015	ND	1.57	78.5	2.00	10.5	
Ethylbenzene*	0.131	0.050	01/12/2015	ND	1.50	74.9	2.00	12.7	
Total Xylenes*	0.806	0.150	01/12/2015	ND	4.50	74.9	6.00	13.4	
Total BTEX	1.87	0.300	01/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 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	27200	16.0	01/13/2015	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	01/12/2015	ND	191	95.7	200	0.00	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	194	97.2	200	0.00	

Surrogate: 1-Chlorooctane 88.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 92.9 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/09/2015
Reported: 01/14/2015
Project Name: RIVERBEND FED 8 SWD BATT
Project Number: 700608.390.01
Project Location: SEC 23, T24S, R29E

Sampling Date: 01/08/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S - 1 1' (H500076-02)

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	01/12/2015	ND	1.59	79.4	2.00	11.9		
Toluene*	<0.050	0.050	01/12/2015	ND	1.57	78.5	2.00	10.5		
Ethylbenzene*	<0.050	0.050	01/12/2015	ND	1.50	74.9	2.00	12.7		
Total Xylenes*	<0.150	0.150	01/12/2015	ND	4.50	74.9	6.00	13.4		
Total BTEX	<0.300	0.300	01/12/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	160	16.0	01/13/2015	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	01/12/2015	ND	191	95.7	200	0.00		
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	194	97.2	200	0.00		

Surrogate: 1-Chlorooctane 80.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 85.2 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/09/2015
Reported: 01/14/2015
Project Name: RIVERBEND FED 8 SWD BATT
Project Number: 700608.390.01
Project Location: SEC 23, T24S, R29E

Sampling Date: 01/08/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S - 1 2' (H500076-03)

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	01/12/2015	ND	1.59	79.4	2.00	11.9	
Toluene*	<0.050	0.050	01/12/2015	ND	1.57	78.5	2.00	10.5	
Ethylbenzene*	<0.050	0.050	01/12/2015	ND	1.50	74.9	2.00	12.7	
Total Xylenes*	<0.150	0.150	01/12/2015	ND	4.50	74.9	6.00	13.4	
Total BTEX	<0.300	0.300	01/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	01/13/2015	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	01/12/2015	ND	191	95.7	200	0.00	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	194	97.2	200	0.00	

Surrogate: 1-Chlorooctane 82.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 92.2 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
DAVID ADKINS
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Fax To: (575) 745-8905

Received:	01/09/2015	Sampling Date:	01/08/2015
Reported:	01/14/2015	Sampling Type:	Soil
Project Name:	RIVERBEND FED 8 SWD BATT	Sampling Condition:	Cool & Intact
Project Number:	700608.390.01	Sample Received By:	Jodi Henson
Project Location:	SEC 23, T24S, R29E		

Sample ID: S - 1 3' (H500076-04)

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2015	ND	1.59	79.4	2.00	11.9	
Toluene*	<0.050	0.050	01/12/2015	ND	1.57	78.5	2.00	10.5	
Ethylbenzene*	<0.050	0.050	01/12/2015	ND	1.50	74.9	2.00	12.7	
Total Xylenes*	<0.150	0.150	01/12/2015	ND	4.50	74.9	6.00	13.4	
Total BTX	<0.300	0.300	01/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 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	16.0	16.0	01/13/2015	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	01/12/2015	ND	191	95.7	200	0.00	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	194	97.2	200	0.00	

Surrogate: 1-Chlorooctane 86.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 94.4 % 52.1-176

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 01/09/2015
 Reported: 01/14/2015
 Project Name: RIVERBEND FED 8 SWD BATT
 Project Number: 700608.390.01
 Project Location: SEC 23, T24S, R29E

 Sampling Date: 01/08/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - 1 4' (H500076-05)

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	01/12/2015	ND	1.59	79.4	2.00	11.9	
Toluene*	<0.050	0.050	01/12/2015	ND	1.57	78.5	2.00	10.5	
Ethylbenzene*	<0.050	0.050	01/12/2015	ND	1.50	74.9	2.00	12.7	
Total Xylenes*	<0.150	0.150	01/12/2015	ND	4.50	74.9	6.00	13.4	
Total BTEX	<0.300	0.300	01/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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	01/13/2015	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	01/12/2015	ND	191	95.7	200	0.00	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	194	97.2	200	0.00	

Surrogate: 1-Chlorooctane 82.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 86.6 % 52.1-176

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/09/2015
Reported: 01/14/2015
Project Name: RIVERBEND FED 8 SWD BATT
Project Number: 700608.390.01
Project Location: SEC 23, T24S, R29E

Sampling Date: 01/08/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S - 2 0' (H500076-06)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2015	ND	1.59	79.4	2.00	11.9	
Toluene*	0.121	0.050	01/12/2015	ND	1.57	78.5	2.00	10.5	
Ethylbenzene*	<0.050	0.050	01/12/2015	ND	1.50	74.9	2.00	12.7	
Total Xylenes*	0.242	0.150	01/12/2015	ND	4.50	74.9	6.00	13.4	
Total BTX	0.363	0.300	01/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	24400	16.0	01/13/2015	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	01/12/2015	ND	191	95.7	200	0.00	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	194	97.2	200	0.00	

Surrogate: 1-Chlorooctane 85.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 94.4 % 52.1-176

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Analytical Results For:

TALON LPE
DAVID ADKINS
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ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/09/2015
Reported: 01/14/2015
Project Name: RIVERBEND FED 8 SWD BATT
Project Number: 700608.390.01
Project Location: SEC 23, T24S, R29E

Sampling Date: 01/08/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S - 2 1' (H500076-07)

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	01/12/2015	ND	1.59	79.4	2.00	11.9	
Toluene*	<0.050	0.050	01/12/2015	ND	1.57	78.5	2.00	10.5	
Ethylbenzene*	<0.050	0.050	01/12/2015	ND	1.50	74.9	2.00	12.7	
Total Xylenes*	<0.150	0.150	01/12/2015	ND	4.50	74.9	6.00	13.4	
Total BTEX	<0.300	0.300	01/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	1630	16.0	01/13/2015	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	01/12/2015	ND	191	95.7	200	0.00	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	194	97.2	200	0.00	

Surrogate: 1-Chlorooctane 82.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 90.9 % 52.1-176

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Analytical Results For:

TALON LPE
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Fax To: (575) 745-8905

Received: 01/09/2015
Reported: 01/14/2015
Project Name: RIVERBEND FED 8 SWD BATT
Project Number: 700608.390.01
Project Location: SEC 23, T24S, R29E

Sampling Date: 01/08/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S -2 2' (H500076-08)

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	01/13/2015	ND	1.74	86.8	2.00	2.77		
Toluene*	<0.050	0.050	01/13/2015	ND	1.70	84.9	2.00	2.67		
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	2.15		
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.93	82.1	6.00	2.57		
Total BTEX	<0.300	0.300	01/13/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	32.0	16.0	01/13/2015	ND	400	100	400	3.92	

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	01/12/2015	ND	191	95.7	200	0.00	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	194	97.2	200	0.00	

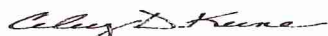
Surrogate: 1-Chlorooctane 81.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 83.7 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
DAVID ADKINS
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ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/09/2015
Reported: 01/14/2015
Project Name: RIVERBEND FED 8 SWD BATT
Project Number: 700608.390.01
Project Location: SEC 23, T24S, R29E

Sampling Date: 01/08/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S - 2 3' (H500076-09)

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	01/13/2015	ND	1.74	86.8	2.00	2.77	
Toluene*	<0.050	0.050	01/13/2015	ND	1.70	84.9	2.00	2.67	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.93	82.1	6.00	2.57	
Total BTEX	<0.300	0.300	01/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	01/13/2015	ND	400	100	400	3.92	

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	01/12/2015	ND	191	95.7	200	0.00	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	194	97.2	200	0.00	

Surrogate: 1-Chlorooctane 84.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 89.0 % 52.1-176

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Analytical Results For:

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

Received: 01/09/2015
Reported: 01/14/2015
Project Name: RIVERBEND FED 8 SWD BATT
Project Number: 700608.390.01
Project Location: SEC 23, T24S, R29E

Sampling Date: 01/08/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S - 2 4' (H500076-10)

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	01/13/2015	ND	1.74	86.8	2.00	2.77		
Toluene*	<0.050	0.050	01/13/2015	ND	1.70	84.9	2.00	2.67		
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	2.15		
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.93	82.1	6.00	2.57		
Total BTEX	<0.300	0.300	01/13/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	384	16.0	01/13/2015	ND	400	100	400	3.92			

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	01/12/2015	ND	191	95.7	200	0.00			
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	194	97.2	200	0.00			

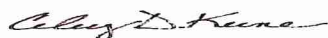
Surrogate: 1-Chlorooctane 81.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 83.0 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/09/2015
Reported: 01/14/2015
Project Name: RIVERBEND FED 8 SWD BATT
Project Number: 700608.390.01
Project Location: SEC 23, T24S, R29E

Sampling Date: 01/08/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S - 3 0' (H500076-11)

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	01/13/2015	ND	1.74	86.8	2.00	2.77	
Toluene*	<0.050	0.050	01/13/2015	ND	1.70	84.9	2.00	2.67	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.93	82.1	6.00	2.57	
Total BTX	<0.300	0.300	01/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 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	12600	16.0	01/13/2015	ND	400	100	400	3.92	

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	01/12/2015	ND	191	95.7	200	0.00	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	194	97.2	200	0.00	

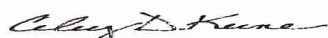
Surrogate: 1-Chlorooctane 78.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 85.4 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	01/09/2015	Sampling Date:	01/08/2015
Reported:	01/14/2015	Sampling Type:	Soil
Project Name:	RIVERBEND FED 8 SWD BATT	Sampling Condition:	Cool & Intact
Project Number:	700608.390.01	Sample Received By:	Jodi Henson
Project Location:	SEC 23, T24S, R29E		

Sample ID: S - 3 1' (H500076-12)

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	01/13/2015	ND	1.74	86.8	2.00	2.77		
Toluene*	<0.050	0.050	01/13/2015	ND	1.70	84.9	2.00	2.67		
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	2.15		
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.93	82.1	6.00	2.57		
Total BTEX	<0.300	0.300	01/13/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 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	144	16.0	01/13/2015	ND	400	100	400	3.92	

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	01/12/2015	ND	191	95.7	200	0.00	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	194	97.2	200	0.00	

Surrogate: 1-Chlorooctane 75.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 77.3 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/09/2015
Reported: 01/14/2015
Project Name: RIVERBEND FED 8 SWD BATT
Project Number: 700608.390.01
Project Location: SEC 23, T24S, R29E

Sampling Date: 01/08/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S - 3 2' (H500076-13)

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	01/13/2015	ND	1.74	86.8	2.00	2.77	
Toluene*	<0.050	0.050	01/13/2015	ND	1.70	84.9	2.00	2.67	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.93	82.1	6.00	2.57	
Total BTEX	<0.300	0.300	01/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 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	208	16.0	01/13/2015	ND	400	100	400	3.92	

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	01/12/2015	ND	191	95.7	200	0.00	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	194	97.2	200	0.00	

Surrogate: 1-Chlorooctane 78.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 78.4 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/09/2015
Reported: 01/14/2015
Project Name: RIVERBEND FED 8 SWD BATT
Project Number: 700608.390.01
Project Location: SEC 23, T24S, R29E

Sampling Date: 01/08/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S - 3 3' (H500076-14)

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	01/13/2015	ND	1.74	86.8	2.00	2.77	
Toluene*	<0.050	0.050	01/13/2015	ND	1.70	84.9	2.00	2.67	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.93	82.1	6.00	2.57	
Total BTEX	<0.300	0.300	01/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 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	01/13/2015	ND	400	100	400	3.92	

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	01/12/2015	ND	198	98.8	200	3.28	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	208	104	200	2.79	

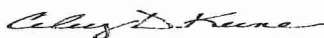
Surrogate: 1-Chlorooctane 89.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 84.9 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	01/09/2015	Sampling Date:	01/08/2015
Reported:	01/14/2015	Sampling Type:	Soil
Project Name:	RIVERBEND FED 8 SWD BATT	Sampling Condition:	Cool & Intact
Project Number:	700608.390.01	Sample Received By:	Jodi Henson
Project Location:	SEC 23, T24S, R29E		

Sample ID: S - 3 4' (H500076-15)

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	01/13/2015	ND	1.74	86.8	2.00	2.77	
Toluene*	<0.050	0.050	01/13/2015	ND	1.70	84.9	2.00	2.67	
Ethylbenzene*	<0.050	0.050	01/13/2015	ND	1.64	82.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	01/13/2015	ND	4.93	82.1	6.00	2.57	
Total BTX	<0.300	0.300	01/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 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	01/13/2015	ND	400	100	400	3.92		

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	01/12/2015	ND	198	98.8	200	3.28	
DRO >C10-C28	<10.0	10.0	01/12/2015	ND	208	104	200	2.79	


Surrogate: 1-Chlorooctane 90.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

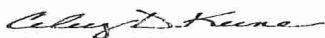
Notes and Definitions

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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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon/PE		P.O. #:		ANALYSIS REQUEST		
Project Manager: <u>D. Adkins</u>		Company: <u>City</u>				
Address: 408 W. Texas Ave.		Attn: <u>Chris Jones</u>				
City: Artesia		Address:				
Phone #: 575-746-8768		Fax #: 575-746-8905				
Project #: <u>20660839061</u>		Project Owner: <u>City</u>				
Project Name: <u>Firebrand Federal 8 Sub B Batt</u>		City:				
Project Location: <u>Sec 23, T34S, R39E</u>		State:				
Sampler Name: <u>G. Bueza</u>		Phone #:				
FOR LAB USE ONLY		Fax #:				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING
				GROUNDWATER		
				WASTEWATER		
				SOIL		
				OIL		
				SLUDGE		
				OTHER :		
				ACID/BASE:		
				ICE / COOL		
				OTHER :		
				DATE	TIME	
<u>H500076</u>	<u>11 S-3 0'</u>	<u>5</u>	<u>1-845</u>	<u>2:11</u>	<u>-</u>	<u>To tal C40.162</u>
	<u>12 S-3 1'</u>	<u>5</u>	<u>2:15</u>	<u>-</u>	<u>-</u>	<u>TPH</u>
	<u>13 S-3 2'</u>	<u>5</u>	<u>2:18</u>	<u>-</u>	<u>-</u>	<u>BTEX</u>
	<u>14 S-3 3'</u>	<u>5</u>	<u>2:31</u>	<u>-</u>	<u>-</u>	
	<u>15 S-3 4'</u>	<u>5</u>	<u>1-845</u>	<u>2:26</u>	<u>-</u>	
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Relinquished By: <u>[Signature]</u>		Date: <u>11/9/15</u>		Received By: <u>[Signature]</u>		
Time: <u>8:50</u>		Date: <u>11/9/15</u>		Time: <u>2:40</u>		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: <u>[Signature]</u>		
Remarks: <u>202</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: <u>202</u>				
		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #: <u>202</u>				

March 11, 2015

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: RIVERBEND FED 8 SWD BATT

Enclosed are the results of analyses for samples received by the laboratory on 03/09/15 14:05.

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 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:

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

Received:	03/09/2015	Sampling Date:	03/06/2015
Reported:	03/11/2015	Sampling Type:	Soil
Project Name:	RIVERBEND FED 8 SWD BATT	Sampling Condition:	Cool & Intact
Project Number:	700608.390.01	Sample Received By:	Jodi Henson
Project Location:	SEC 23, T24S, R29E		

Sample ID: S-1 6" (H500641-01)

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	03/10/2015	ND	400	100	400	0.00	

Sample ID: S-2 1.5' (H500641-02)

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	03/10/2015	ND	400	100	400	0.00	

Sample ID: S-3 6" (H500641-03)

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	03/10/2015	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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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon/LPE

Project Manager:

Address: 408 W. Texas Ave.

City: Artesia

Phone #: 575-746-8768

Project #: 7006083461

Project Name: Riser Bend Fed 8550 BH

Project Location: S. 1615

Sample Name: S. 1615

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

1500641

S-1 6"

S-2 1.5'

S-3 6"

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

3-6-15 9:00

3-6-15 9:04

3-6-15 9:10

6061 CHLORIDES

ANALYSIS REQUEST

P.O. #:

Company: Oxy

Attn: Chris Jones

Address:

City:

State:

Zip:

Phone #:

Fax #:

PRESERV

SAMPLING

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Date: 3/9/15

Time: 2:05

Date:

Time:

Received By:

Received By:

Received By:

Received By:

Received By:

Received By:

Received By:

Sample Condition

Cool Intact

Yes Yes

No No

CHECKED BY:

CHECKED BY:

CHECKED BY:

CHECKED BY:

CHECKED BY:

Phone Result:

Phone Result:

Phone Result:

Phone Result:

Phone Result:

Phone Result:

Phone Result:

Yes

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No

Yes

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Yes

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Yes

No

Yes

No

Yes

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