

# DEVON ENERGY

VEGA 29 FEDERAL COM 1H BATTERY

(VEGA 29 FED COM 3H)

## CLOSURE REPORT

**2RP-2533**

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API No. 30-015-41624

Release Date: 10/04/2014

Unit Letter B, Section 29, Township 19 South, Range 31 East

**December 8, 2014**

**Prepared by:**

Environmental Department  
Diversified Field Service, Inc.

206 W. Snyder

Hobbs, NM 88240

Phone: (575)964-8394

Fax: (575)393-8396

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# DEVON VEGA 29 FEDERAL COM 1H BATTERY

## 1 Introduction

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Devon Energy has retained Diversified Field Service, Inc. (DFSI) to address environmental issues for the site detailed herein.

The site is located south west of Maljamar NM, in Eddy County. The leak site resulted from a produced water leak. The source of the leak was due to Arapahoe Oilfield Services failing to haul fluid, causing the frac tanks to overflow. A C-141 was submitted to the NMOCD on October 04, 2014 (2RP-2533 – Appendix I). The release covered an area of 13,656 square feet.

## 2 SITE ACTIVITIES

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On October 04, 2014 DFSI personnel entered the site to map (Appendix III) and collect surface soil samples, which included 14 sample points. The samples were field screened for chloride and indicated that all surface samples were elevated in chlorides above regulated concentration levels. The highest level of chloride analyses was at SP12. Please see data of field sampling below:

SP1: Surf – 15,770 mg/kg Cl<sup>-</sup>  
SP2: Surf – 11,546 mg/kg Cl<sup>-</sup>  
SP3: Surf – 11,021 mg/kg Cl<sup>-</sup>  
SP4: Surf – 13,620 mg/kg Cl<sup>-</sup>  
SP5: Surf – 19,418 mg/kg Cl<sup>-</sup>  
SP6: Surf – 13,245 mg/kg Cl<sup>-</sup>  
SP7: Surf – 16,369 mg/kg Cl<sup>-</sup>  
SP8: Surf – 13,645 mg/kg Cl<sup>-</sup>  
SP9: Surf – 10,996 mg/kg Cl<sup>-</sup>  
SP10: Surf – 15,920 mg/kg Cl<sup>-</sup>  
SP11: Surf – 11,296 mg/kg Cl<sup>-</sup>  
SP12: Surf – 29,440 mg/kg Cl<sup>-</sup>  
SP13: Surf – 13,220 mg/kg Cl<sup>-</sup>  
SP14: Surf – 17,244 mg/kg Cl<sup>-</sup>

On October 8<sup>th</sup> and 9<sup>th</sup>, 2014 DFSI personnel revisited the site to fully delineate all sample points. Each sample point was tested for chloride levels as well as TPH. The TPH samples were performed using a Mini Rae Photoionization Detector (PID). All clean samples found under the BLM/NMOCD standards were taken to Cardinal Laboratories in Hobbs to obtain confirmation samples (Appendix IV). Detailed lab confirmation below:

SP1: 1'bgs – 464 mg/kg Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg GRO & 53.3 mg/kg DRO 8015M  
SP2: 1'bgs – 160 mg/kg Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SP3: 1'bgs – 560 mg/kg Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SP4: 1'bgs – 288 mg/kg Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SP5: 1'bgs – 560 mg/kg Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SP6: 1'bgs – 784 mg/kg Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SP7: 1'bgs – 960 mg/kg Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SP8: 1'bgs – 496 mg/kg Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SP9: 1'bgs – 592 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SP10: 1'bgs – 320 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SP11: 1'bgs – 384 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SP12: 2'bgs – 416 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SP13: 5'bgs – 320 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SP14: 4'bgs – 416 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M

On November 04, 2014, the work plan was submitted and approved by Devon Energy and Arapahoe Oilfield Services (Appendix II). The work plan was then submitted to the NMOCD and BLM on November 05, 2014 and approved same said date. A one-call was then placed for the entire impacted area to begin the remediation.

On November 07, 2014, DFSI personnel revisited the site to begin remediation. Devon Energy One-Call Specialist instructed DFSI to hand-spot and hand dig out each line on location before excavation with heavy equipment could begin. Sample Points 1-4 and parts of SP5 were excavated to 1' below ground surface.

On November 10, 2014, DFSI personnel revisited the site to continue the excavation. A representative from Devon also visited the site to witness the hand digging of high pressure lines four feet on each side of the lines and 1' below ground surface. Sample points 13 and 14 were excavated to a depth of 7' and 5' below ground surface, respectively. The initial work-plan called for an excavation of 4' and 5' below ground surface in the same said areas, but clean bottom samples were not attained at those depths, thus DFSI personnel had to excavate deeper. Please see confirmation information below.

On November 11, 2014 DFSI personnel revisited the site to continue excavation and conduct sidewall and bottom sampling. The majority of the 13,656 sq. ft. area was excavated to 1' below ground surface, which included SP1-SP11. SP12 was excavated to 2'bgs, SP13 was excavated to 7'bgs and SP14 was excavated to 5'bgs. The contaminated soils from this excavation were hauled to Lea Land LLC, an approved NMOCD/BLM disposal facility.

From November 11 through 13, 2014, all clean sidewall and bottom samples found under the NMOCD/BLM standards were taken to Cardinal Laboratories in Hobbs to obtain confirmation samples (Appendix IV). Detailed lab confirmation below:

BS1: 7'bgs – 192 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M (Sample Point 13)  
BS2: 5'bgs - <16 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M (Sample Point 14)  
North Wall: 256 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
South Wall: 96 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
East Wall: 192 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
West Wall: 80 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SW-N: 272 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SW-E: 464 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SW-S: 32 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SW-W: 48 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
BS2: 32 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
BS3: 48 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10mg/kg TPH 8015M

From November 13 through November 18, 2014, DFSI personnel continued to haul stockpiled contamination to Lea Land and caliche to backfill the site. A blade and water truck were brought in on November 13, 2014 to assist in the contouring of the pad. On November 18, 2014, the site was completed and returned to pristine condition.

### 3 CONCLUSION

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According to the U.S. Geological Survey and the NM Office of the State Engineer, depth to groundwater in the area averages 236 ft. bgs. (Appendix VI). Based on the removal of soils containing elevated chloride and visual staining at the site, Devon Energy and Arapahoe Oilfield Services respectfully requests the closure of the regulatory file for the site. Final C-141 is attached. (Appendix VII).

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

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

OCT 06 2014 Form C-141  
Revised August 8, 2011  
Submit 1 Copy to appropriate District Office in  
conformance with 19.15.29 NMAC.  
**RECEIVED**

**Release Notification and Corrective Action**

**NAB1428154809**

**OPERATOR**  Initial Report  Final Report

Name of Company <b>Devon Energy</b> <i>U137</i>	Contact <b>Rudy Zuniga (Production Foreman)</b>
Address <b>PO Box 250 Artesia, NM 88211</b>	Telephone No. <b>(575) 390-5435</b>
Facility Name <b>Vega 29 Federal Com 1H Battery (closest well - Vega 29 Fed Com 3H)</b>	Facility Type <b>Oil and Gas Production</b>
Surface Owner <b>BLM</b>	Mineral Owner <b>BLM</b>
API No. <b>30-015-41624 (3H)</b>	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
<b>B</b>	<b>29</b>	<b>19S</b>	<b>31E</b>	<b>147'</b>	<b>North Line</b>	<b>2470'</b>	<b>East Line</b>	<b>Eddy County</b>

Latitude 32.63837 Longitude -103.89069

**NATURE OF RELEASE**

Type of Release <b>Produced Water</b>	Volume of Release <b>35</b>	Volume Recovered <b>20</b>
Source of Release <b>Failure to haul fluid (Arapahoe)</b>	Date and Hour of Occurrence <b>10/04/2014 11am</b>	Date and Hour of Discovery <b>10/04/2014 11am</b>
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom? <b>Natalie Gladden (DFSI Environmental)</b>	Date and Hour <b>10/06/2014 10am - BLM J. Robertson/10:02am NMOCD M. Bratcher</b>	
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.\*

**Arapahoe Trucking failed to haul fluid causing the tanks to overflow. A vacuum truck was called out to recover standing fluid and was able to recover approximately 20bbls of produced water. DFSI completed the Environmental Assessment, mapped the site and surface samples.**

Describe Area Affected and Cleanup Action Taken.\*

**A total of 13,656 sq. ft. of impacted surface was determined. Twelve sample points were set, sampled and will be delineated. Once the site has been fully delineated a Remediation Work Plan will be submitted to both the BLM/NMOCD. All rules and regulations will be followed to closure of this site.**

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: <i>Stacie Singleton</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: <b>Stacie Singleton</b>	Approved by Environmental Specialist: <i>Mike Bratcher</i>	
Title: <b>Environmental Professional</b>	Approval Date: <b>10/8/14</b>	Expiration Date: <b>N/A</b>
E-mail Address: <b>Stacie.singleton@dvn.com</b>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <b>10/06/2014</b> Phone: <b>(575) 513-2129</b>	<b>Remediation per O.C.D. Rules &amp; Guidelines</b>	

**SUBMIT REMEDIATION PROPOSAL NO  
LATER THAN: 11/8/14**

*28P-2533*

\* Attach Additional Sheets If Necessary



# Vega 29 Federal Com 1H Battery

## REMEDIATION WORK PLAN

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API No. 30-015-41624 (Vega 29 Federal Com 3H)

Release Date: 10/04/2014

Unit Letter B, Section 29, Township 19 South, Range 31 East

October 23, 2014

**Prepared by:**

Environmental Department  
Diversified Field Service, Inc.  
3412 N. Dal Paso  
Hobbs, NM 88240  
Phone: (575)964-8394  
Fax: (575)393-8396

Mike Bratcher  
Environmental Specialist  
NM Oil Conservation District – Division 2  
811 S. First St.  
Artesia, NM 88210

**RE: Devon Energy Vega 29 Federal Com 1H Battery (Vega 29 Fed Com 3H)**  
UL/B, Section 29, T19S, R31E  
API No. 30-015-41624 (3H)

Mr. Bratcher,

Devon Energy has retained Diversified Field Service, Inc. (DFSI) to address environmental issues for the site detailed herein.

The site is located south west of Maljamar NM, in Eddy County. The leak site resulted from a produced water leak. The source of the leak was due to Arapahoe Oilfield Services failed to haul fluid causing the frac tanks to overflow. A C-141 was submitted to the NMOCD on August 06, 2014 (2RP-2533 – see attached). The release stayed on location, no fluids entered the pasture area.

### **Site Assessment and Delineation**

On October 4<sup>th</sup>, 2014, DFSI personnel obtained surface samples of the leak area, which included SP1-SP14. On October 8<sup>th</sup>, 2014 delineation took place on all 14 sample points. We returned to the site on October 9<sup>th</sup>, to retrieve clean bottom hole samples for SP1, SP12 and SP13. All of the sample points cleaned up below the required levels except for SP7 which was 40mg/kg over the required 1000mg/kg level, this SP will be field sampled and taken to the lab during the excavation process. The analyticals from the second sampling event were accepted by Cardinal Labs of Hobbs with the sample condition of cool and intact at -7 degrees Celsius. No field blank sampling was done during the field delineation process.

Field samples were taken on fourteen sample points, each sample was tested for chlorides levels as well as TPH. The TPH samples were performed using a Mini Rae Photoionization Detector (PID). All clean field samples found under the BLM/NMOCD standards, were taken to Cardinal Lab of Hobbs to obtain confirmation samples. And the results confirmed that bottom samples of each sample point were as follows:

SP1: 1'bgs – 464 mg/kg Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg GRO & 53.3 mg/kg DRO 8015M  
SP2: 1'bgs – 160 mg/kg Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
SP3: 1'bgs – 560 mg/kg Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M  
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SP14: 4'bgs – 416 mg/kg, Cl<sup>-</sup>, <0.300 mg/kg BTEX, <10 mg/kg TPH 8015M

DFSI has conducted a groundwater study of the area and has determined that according to the New Mexico Office of the State Engineer the average depth to groundwater for this area is 236 foot below ground surface. Therefore, no eminent danger of groundwater impact or threat to life is anticipated.

## Conclusion

After careful review DFSI on behalf of Devon Energy would like to propose the following:

Excavate the majority of the 13,656 sq. ft. area of impacted soil to 1'bgs, which includes SP1-SP11, SP12 will be excavated to 2'bgs, SP13 to 5'bgs and SP14 to 4'bgs; haul the contaminated soil to an approved disposal site, and backfill with fresh imported caliche, then the location pad will be compacted and contoured.

Side wall samples will be taken during the excavation procedure to ensure that all contaminants have been remediated. These samples will also be taken to an approved lab for confirmation before backfilling will take place.

Following the approval of one of the above remediation plan and after the remediation has taken place, DFSI will submit all proper closure documentation to the NMOCD and BLM in accordance to the State and Federal Guidelines set forth.

Please feel free to contact me with any questions concerning this remediation plan request.

Sincerely,



Natalie Gladden  
Environmental Director  
Diversified Field Service, Inc.  
206 West Snyder  
Hobbs, NM 88240  
Office: (575)964-8394  
Mobile: (575)602-1786  
Fax: (575)964-8396  
Email: [ngladden@diversifiedfsi.com](mailto:ngladden@diversifiedfsi.com)

cc Jeff Robertson  
NM Bureau of Land Management

Attachments: Initial Form C-141  
Site/Sample Map  
Sample Data  
Lab Analytical Data

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

District I  
1625 N. French Dr., Hobbs, NM 88240  
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**NAB1428154809**

**OPERATOR**  Initial Report  Final Report

Name of Company <b>Devon Energy</b> <i>U137</i>	Contact <b>Rudy Zuniga (Production Foreman)</b>
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Facility Name <b>Vega 29 Federal Com 1H Battery (closest well - Vega 29 Fed Com 3H)</b>	Facility Type <b>Oil and Gas Production</b>
Surface Owner <b>BLM</b>	Mineral Owner <b>BLM</b> API No. <b>30-015-41624 (3H)</b>

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Source of Release <b>Failure to haul fluid (Arapahoe)</b>	Date and Hour of Occurrence <b>10/04/2014 11am</b>	Date and Hour of Discovery <b>10/04/2014 11am</b>
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom? <b>Natalie Gladden (DFSI Environmental)</b>	Date and Hour <b>10/06/2014 10am - BLM J. Robertson/10:02am NMOCD M. Bratcher</b>	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

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Describe Cause of Problem and Remedial Action Taken. \*

**Arapahoe Trucking failed to haul fluid causing the tanks to overflow. A vacuum truck was called out to recover standing fluid and was able to recover approximately 20bbls of produced water. DFSI completed the Environmental Assessment, mapped the site and surface samples.**

Describe Area Affected and Cleanup Action Taken. \*

**A total of 13,656 sq. ft. of impacted surface was determined. Twelve sample points were set, sampled and will be delineated. Once the site has been fully delineated a Remediation Work Plan will be submitted to both the BLM/NMOCD. All rules and regulations will be followed to closure of this site.**

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Signature: <i>Stacie Singleton</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: <b>Stacie Singleton</b>	Approved by Environmental Specialist: <i>Mike Bratcher</i>	
Title: <b>Environmental Professional</b>	Approval Date: <b>10/8/14</b>	Expiration Date: <b>N/A</b>
E-mail Address: <b>Stacie.singleton@dvn.com</b>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <b>10/06/2014</b> Phone: <b>(575) 513-2129</b>	<b>Remediation per O.C.D. Rules &amp; Guidelines</b>	

**SUBMIT REMEDIATION PROPOSAL NO  
LATER THAN: 11/8/14**

*28P-2533*

\* Attach Additional Sheets If Necessary

# Site Diagram

**Devon, Vega Federal Battery 29-1**  
**Sec. 29 T19S R31E**  
**Eddy County, NM**  
**Drafted By: Lance Crenshaw, 10-4-14**

0 0.00325 0.0065 0.013 Miles

## Legend

### Misc\_points

#### Types

- Electrical Box
- Power Pole
- Headers
- Injection
- Pumpjacks
- Tanks
- Valves
- Other
- sample\_pts
- Source

### Pipeline

#### Type

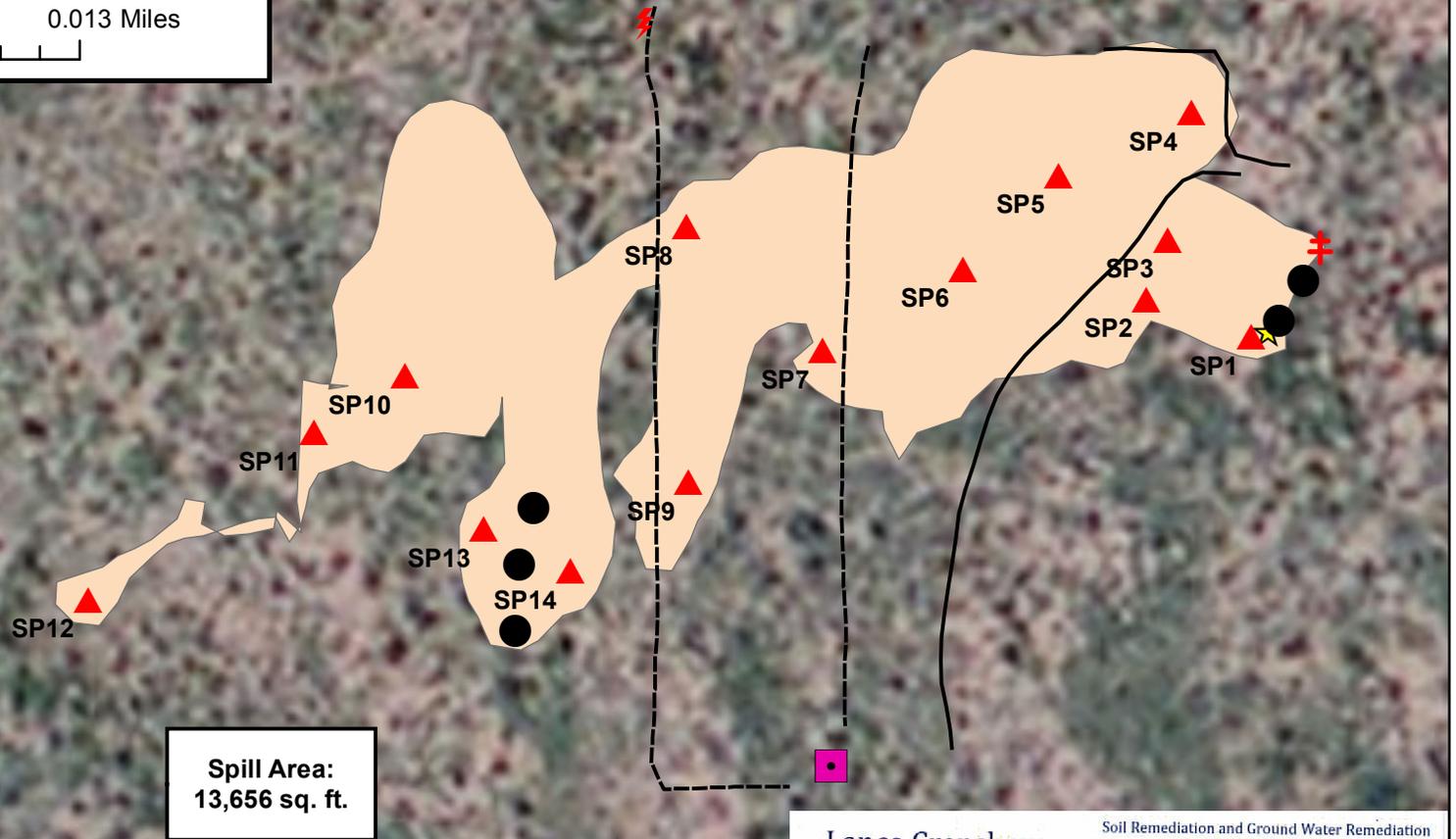
- Above Ground Line
- Buried Line

### Spill

- <all other values>

### Spill\_Media

- Oil and Produced H2O
- Oil
- Other
- Produced Water



Lance Crenshaw  
GIS Technician

Soil Remediation and Ground Water Remediation  
Environmental Assessments  
Regulatory Compliance



Environmental **DFSI** Services

Office: 575-964-8394  
Fax: 575-964-8396

Cell: 575-441-2359  
Email: lcrenshaw@diversifiedfsi.com

Source: Esri, DigitalGlobe, GeoEye, IGN, swisstopo, and the GIS User Community





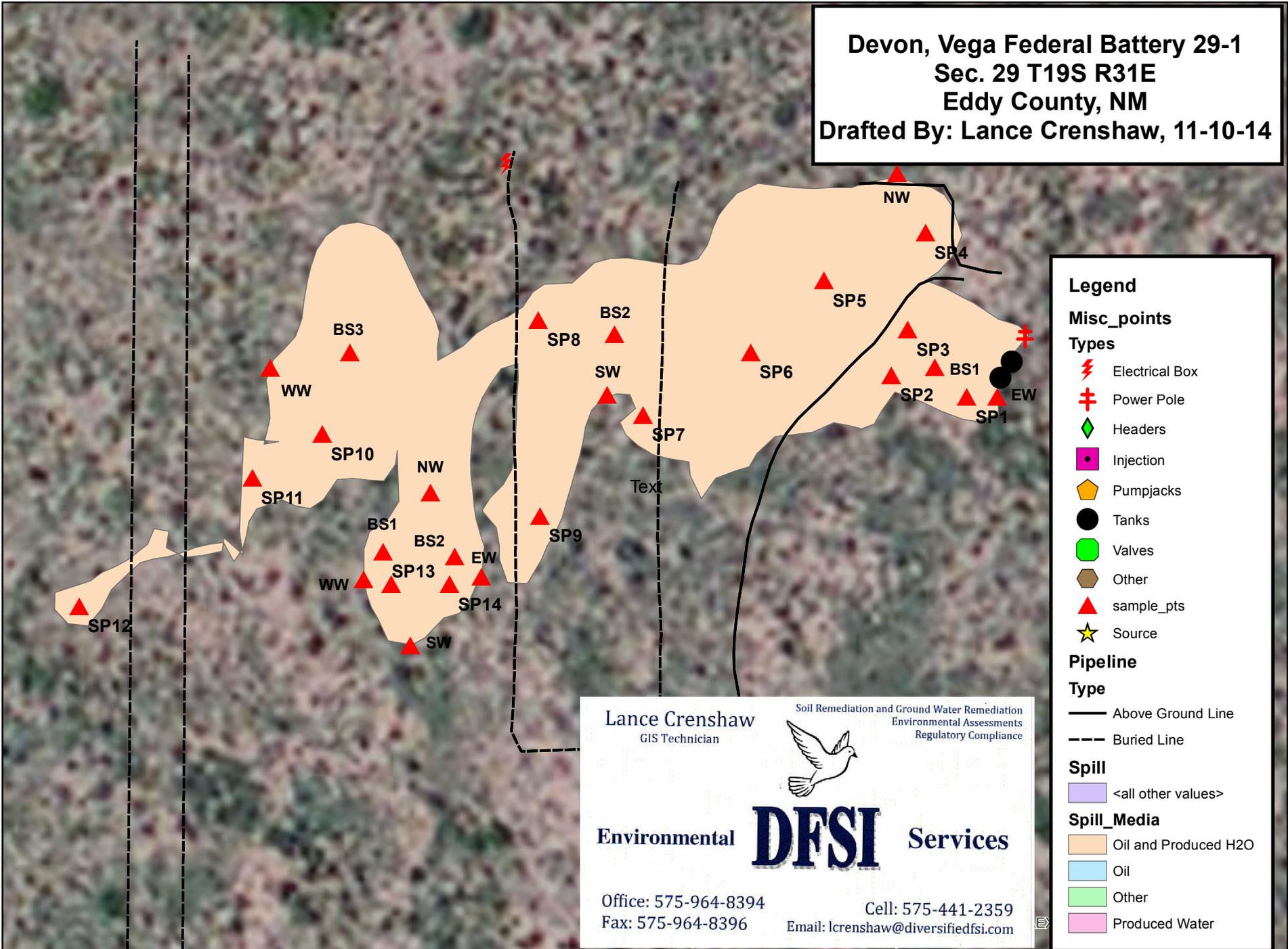






# Site Diagram

Devon, Vega Federal Battery 29-1  
 Sec. 29 T19S R31E  
 Eddy County, NM  
 Drafted By: Lance Crenshaw, 11-10-14



## Legend

### Misc\_points

#### Types

- Electrical Box
- Power Pole
- Headers
- Injection
- Pumpjacks
- Tanks
- Valves
- Other
- sample\_pts
- Source

### Pipeline

#### Type

- Above Ground Line
- Buried Line

### Spill

- <all other values>

### Spill\_Media

- Oil and Produced H2O
- Oil
- Other
- Produced Water

Lance Crenshaw  
 GIS Technician

Soil Remediation and Ground Water Remediation  
 Environmental Assessments  
 Regulatory Compliance

**Environmental DFSI Services**

Office: 575-964-8394      Cell: 575-441-2359  
 Fax: 575-964-8396      Email: [lcrenshaw@diversifiedfsi.com](mailto:lcrenshaw@diversifiedfsi.com)



October 13, 2014

NATALIE GLADDEN

DIVERSIFIED FIELD SERVICES, INC.

P. O. BOX 5966

HOBBS, NM 88241

RE: DEVON VEGA 29 FEDERAL 1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/10/14 8:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/08/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 1' (H403118-01)**

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	10/10/2014	ND	1.59	79.6	2.00	14.5	
Toluene*	<0.050	0.050	10/10/2014	ND	1.55	77.5	2.00	14.1	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.47	73.7	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.37	72.8	6.00	15.5	
Total BTEX	<0.300	0.300	10/10/2014	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 61-154*

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>464</b>	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
<b>DRO &gt;C10-C28</b>	<b>53.3</b>	10.0	10/10/2014	ND	182	90.8	200	6.81	

*Surrogate: 1-Chlorooctane 94.2 % 47.2-157*
*Surrogate: 1-Chlorooctadecane 108 % 52.1-176*

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/08/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 2' (H403118-02)**

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	10/10/2014	ND	1.59	79.6	2.00	14.5	
Toluene*	<0.050	0.050	10/10/2014	ND	1.55	77.5	2.00	14.1	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.47	73.7	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.37	72.8	6.00	15.5	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>176</b>	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
<b>DRO &gt;C10-C28</b>	<b>105</b>	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 115 % 52.1-176

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/08/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 1' (H403118-03)**

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	10/10/2014	ND	1.59	79.6	2.00	14.5	
Toluene*	<0.050	0.050	10/10/2014	ND	1.55	77.5	2.00	14.1	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.47	73.7	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.37	72.8	6.00	15.5	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	<b>160</b>	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 96.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 106 % 52.1-176

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 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/08/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 2' (H403118-04)**

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	10/10/2014	ND	1.59	79.6	2.00	14.5	
Toluene*	<0.050	0.050	10/10/2014	ND	1.55	77.5	2.00	14.1	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.47	73.7	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.37	72.8	6.00	15.5	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	288	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 95.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 105 % 52.1-176

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 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/08/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 1' (H403118-05)**

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	10/10/2014	ND	1.59	79.6	2.00	14.5	
Toluene*	<0.050	0.050	10/10/2014	ND	1.55	77.5	2.00	14.1	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.47	73.7	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.37	72.8	6.00	15.5	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	<b>560</b>	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 99.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 108 % 52.1-176

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 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/08/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 2' (H403118-06)**

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	10/10/2014	ND	1.59	79.6	2.00	14.5	
Toluene*	<0.050	0.050	10/10/2014	ND	1.55	77.5	2.00	14.1	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.47	73.7	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.37	72.8	6.00	15.5	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>432</b>	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 99.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 106 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

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 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/08/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 4 @ 1' (H403118-07)**

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	10/10/2014	ND	1.59	79.6	2.00	14.5	
Toluene*	<0.050	0.050	10/10/2014	ND	1.55	77.5	2.00	14.1	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.47	73.7	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.37	72.8	6.00	15.5	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	288	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 94.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

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 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/08/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 4 @ 2' (H403118-08)**

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	10/10/2014	ND	1.59	79.6	2.00	14.5	
Toluene*	<0.050	0.050	10/10/2014	ND	1.55	77.5	2.00	14.1	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.47	73.7	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.37	72.8	6.00	15.5	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	<b>320</b>	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 98.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 106 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

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 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/08/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 5 @ 1' (H403118-09)**

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	10/10/2014	ND	1.59	79.6	2.00	14.5	
Toluene*	<0.050	0.050	10/10/2014	ND	1.55	77.5	2.00	14.1	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.47	73.7	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.37	72.8	6.00	15.5	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 98.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 107 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/08/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 5 @ 2' (H403118-10)**

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	10/10/2014	ND	1.59	79.6	2.00	14.5	
Toluene*	<0.050	0.050	10/10/2014	ND	1.55	77.5	2.00	14.1	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.47	73.7	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.37	72.8	6.00	15.5	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>240</b>	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 103 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/08/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 6 @ 1' (H403118-11)**

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	10/10/2014	ND	1.59	79.6	2.00	14.5	
Toluene*	<0.050	0.050	10/10/2014	ND	1.55	77.5	2.00	14.1	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.47	73.7	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.37	72.8	6.00	15.5	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>784</b>	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 96.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/08/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 6 @ 2' (H403118-12)**

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	10/10/2014	ND	1.59	79.6	2.00	14.5	
Toluene*	<0.050	0.050	10/10/2014	ND	1.55	77.5	2.00	14.1	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.47	73.7	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.37	72.8	6.00	15.5	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	288	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 98.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 106 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/08/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 7 @ 1' (H403118-13)**

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	10/10/2014	ND	1.59	79.6	2.00	14.5	
Toluene*	<0.050	0.050	10/10/2014	ND	1.55	77.5	2.00	14.1	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.47	73.7	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.37	72.8	6.00	15.5	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>960</b>	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 95.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/08/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 7 @ 2' (H403118-14)**

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	10/10/2014	ND	1.71	85.6	2.00	4.04	
Toluene*	<0.050	0.050	10/10/2014	ND	1.66	83.1	2.00	3.13	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.60	80.0	2.00	4.66	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.79	79.9	6.00	4.40	
Total BTEX	<0.300	0.300	10/10/2014	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154*

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1040</b>	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

*Surrogate: 1-Chlorooctane 102 % 47.2-157*
*Surrogate: 1-Chlorooctadecane 113 % 52.1-176*

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/09/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 8 @ 1' (H403118-15)**

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	10/10/2014	ND	1.71	85.6	2.00	4.04	
Toluene*	<0.050	0.050	10/10/2014	ND	1.66	83.1	2.00	3.13	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.60	80.0	2.00	4.66	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.79	79.9	6.00	4.40	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	496	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 93.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

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 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/09/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 8 @ 2' (H403118-16)**

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	10/10/2014	ND	1.71	85.6	2.00	4.04	
Toluene*	<0.050	0.050	10/10/2014	ND	1.66	83.1	2.00	3.13	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.60	80.0	2.00	4.66	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.79	79.9	6.00	4.40	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>160</b>	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 98.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 100 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/09/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 9 @ 1' (H403118-17)**

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	10/10/2014	ND	1.71	85.6	2.00	4.04	
Toluene*	<0.050	0.050	10/10/2014	ND	1.66	83.1	2.00	3.13	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.60	80.0	2.00	4.66	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.79	79.9	6.00	4.40	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	592	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 98.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 109 % 52.1-176

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 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/09/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 9 @ 2' (H403118-18)**

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	10/10/2014	ND	1.71	85.6	2.00	4.04	
Toluene*	<0.050	0.050	10/10/2014	ND	1.66	83.1	2.00	3.13	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.60	80.0	2.00	4.66	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.79	79.9	6.00	4.40	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 98.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 109 % 52.1-176

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/09/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 10 @ 1' (H403118-19)**

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	10/10/2014	ND	1.71	85.6	2.00	4.04	
Toluene*	<0.050	0.050	10/10/2014	ND	1.66	83.1	2.00	3.13	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.60	80.0	2.00	4.66	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.79	79.9	6.00	4.40	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	320	16.0	10/12/2014	ND	432	108	400	3.77	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 99.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 112 % 52.1-176

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**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/09/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 10 @ 2' (H403118-20)**

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	10/10/2014	ND	1.71	85.6	2.00	4.04	
Toluene*	<0.050	0.050	10/10/2014	ND	1.66	83.1	2.00	3.13	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.60	80.0	2.00	4.66	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.79	79.9	6.00	4.40	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/12/2014	ND	432	108	400	7.69	

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	10/10/2014	ND	173	86.7	200	5.56	
DRO >C10-C28	<10.0	10.0	10/10/2014	ND	182	90.8	200	6.81	

Surrogate: 1-Chlorooctane 94.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 105 % 52.1-176

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**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/09/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 11 @ 1' (H403118-21)**

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	10/10/2014	ND	1.71	85.6	2.00	4.04	
Toluene*	<0.050	0.050	10/10/2014	ND	1.66	83.1	2.00	3.13	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.60	80.0	2.00	4.66	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.79	79.9	6.00	4.40	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	10/12/2014	ND	432	108	400	7.69	

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	10/11/2014	ND	182	90.8	200	1.56	
DRO >C10-C28	<10.0	10.0	10/11/2014	ND	184	91.9	200	3.04	

Surrogate: 1-Chlorooctane 98.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 104 % 52.1-176

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 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/09/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 11 @ 2' (H403118-22)**

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	10/10/2014	ND	1.71	85.6	2.00	4.04	
Toluene*	<0.050	0.050	10/10/2014	ND	1.66	83.1	2.00	3.13	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.60	80.0	2.00	4.66	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.79	79.9	6.00	4.40	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>176</b>	16.0	10/12/2014	ND	432	108	400	7.69	

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	10/11/2014	ND	182	90.8	200	1.56	
DRO >C10-C28	<10.0	10.0	10/11/2014	ND	184	91.9	200	3.04	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

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 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/09/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 12 @ 1' (H403118-23)**

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	10/10/2014	ND	1.71	85.6	2.00	4.04	
Toluene*	<0.050	0.050	10/10/2014	ND	1.66	83.1	2.00	3.13	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.60	80.0	2.00	4.66	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.79	79.9	6.00	4.40	
Total BTEX	<0.300	0.300	10/10/2014	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	1010	16.0	10/12/2014	ND	432	108	400	7.69	

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	10/11/2014	ND	182	90.8	200	1.56	
DRO >C10-C28	<10.0	10.0	10/11/2014	ND	184	91.9	200	3.04	

Surrogate: 1-Chlorooctane 104 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

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 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/09/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 12 @ 2' (H403118-24)**

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	10/10/2014	ND	1.71	85.6	2.00	4.04	
Toluene*	<0.050	0.050	10/10/2014	ND	1.66	83.1	2.00	3.13	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.60	80.0	2.00	4.66	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.79	79.9	6.00	4.40	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	<b>416</b>	16.0	10/12/2014	ND	432	108	400	7.69	

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	10/11/2014	ND	182	90.8	200	1.56	
DRO >C10-C28	<10.0	10.0	10/11/2014	ND	184	91.9	200	3.04	

Surrogate: 1-Chlorooctane 105 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

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**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/09/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 13 @ 1' (H403118-25)**

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	10/10/2014	ND	1.71	85.6	2.00	4.04	
Toluene*	<0.050	0.050	10/10/2014	ND	1.66	83.1	2.00	3.13	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.60	80.0	2.00	4.66	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.79	79.9	6.00	4.40	
Total BTEX	<0.300	0.300	10/10/2014	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154*

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1170</b>	16.0	10/12/2014	ND	432	108	400	7.69	

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	10/11/2014	ND	182	90.8	200	1.56	
DRO >C10-C28	<10.0	10.0	10/11/2014	ND	184	91.9	200	3.04	

*Surrogate: 1-Chlorooctane 100 % 47.2-157*
*Surrogate: 1-Chlorooctadecane 108 % 52.1-176*

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 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/09/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 13 @ 2' (H403118-26)**

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	10/10/2014	ND	1.71	85.6	2.00	4.04	
Toluene*	<0.050	0.050	10/10/2014	ND	1.66	83.1	2.00	3.13	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.60	80.0	2.00	4.66	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.79	79.9	6.00	4.40	
Total BTEX	<0.300	0.300	10/10/2014	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154*

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1200</b>	16.0	10/12/2014	ND	432	108	400	7.69	

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	10/11/2014	ND	182	90.8	200	1.56	
DRO >C10-C28	<10.0	10.0	10/11/2014	ND	184	91.9	200	3.04	

*Surrogate: 1-Chlorooctane 106 % 47.2-157*
*Surrogate: 1-Chlorooctadecane 111 % 52.1-176*

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 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/09/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 14 @ 3' (H403118-27)**

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	10/10/2014	ND	1.71	85.6	2.00	4.04	
Toluene*	<0.050	0.050	10/10/2014	ND	1.66	83.1	2.00	3.13	
Ethylbenzene*	<0.050	0.050	10/10/2014	ND	1.60	80.0	2.00	4.66	
Total Xylenes*	<0.150	0.150	10/10/2014	ND	4.79	79.9	6.00	4.40	
Total BTEX	<0.300	0.300	10/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	<b>416</b>	16.0	10/12/2014	ND	432	108	400	7.69	

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	10/11/2014	ND	182	90.8	200	1.56	
DRO >C10-C28	<10.0	10.0	10/11/2014	ND	184	91.9	200	3.04	

Surrogate: 1-Chlorooctane 107 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/10/2014	Sampling Date:	10/09/2014
Reported:	10/13/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16708	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

**Sample ID: SP 14 @ 4' (H403118-28)**

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	10/11/2014	ND	1.71	85.6	2.00	4.04	
Toluene*	<0.050	0.050	10/11/2014	ND	1.66	83.1	2.00	3.13	
Ethylbenzene*	<0.050	0.050	10/11/2014	ND	1.60	80.0	2.00	4.66	
Total Xylenes*	<0.150	0.150	10/11/2014	ND	4.79	79.9	6.00	4.40	
Total BTEX	<0.300	0.300	10/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

Chloride, SM4500CI-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	10/12/2014	ND	432	108	400	7.69	

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	10/11/2014	ND	182	90.8	200	1.56	
DRO >C10-C28	<10.0	10.0	10/11/2014	ND	184	91.9	200	3.04	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 109 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 3

<b>Company Name:</b> <i>Aradaha</i> <b>Project Manager:</b> <i>Steven Calloway</i>		<b>P.O. #:</b> <i>16708</i> <b>Company:</b> <i>Diversified</i>							
<b>Address:</b> City: State: Zip:		<b>Attn:</b> Address: City: <i>Hobbs</i> State: <i>NM</i> zip: <i>88240</i>							
<b>Phone #:</b> Fax #:		<b>Project #:</b>							
<b>Project Name:</b>		<b>Project Location:</b> <i>Devon Vega 29 Federal 1 battery</i>							
<b>Sampler Name:</b> <i>Talon Long</i>		<b>Phone #:</b> Fax #:							
<b>BILL TO</b>									
<b>ANALYSIS REQUEST</b>									
<small>FOR LAB USE ONLY</small>									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	REMARKS
<i>H403118-</i>	<i>SP1 @ 1'</i>		<i>9</i>	<input checked="" type="checkbox"/> SOIL		<i>X</i>	<i>10-8-14</i>	<i>7:00</i>	<i>BTX</i>
	<i>SP1 @ 2'</i>		<i>9</i>	<input checked="" type="checkbox"/> SOIL		<i>X</i>	<i>10-8-14</i>	<i>7:10</i>	<i>TH</i>
	<i>SP2 @ 1'</i>		<i>9</i>	<input checked="" type="checkbox"/> SOIL		<i>X</i>	<i>10-8-14</i>	<i>7:20</i>	<i>CL</i>
	<i>SP2 @ 2'</i>		<i>9</i>	<input checked="" type="checkbox"/> SOIL		<i>X</i>	<i>10-8-14</i>	<i>7:30</i>	
	<i>SP3 @ 1'</i>		<i>9</i>	<input checked="" type="checkbox"/> SOIL		<i>X</i>	<i>10-8-14</i>	<i>7:40</i>	
	<i>SP3 @ 2'</i>		<i>9</i>	<input checked="" type="checkbox"/> SOIL		<i>X</i>	<i>10-8-14</i>	<i>7:50</i>	
	<i>SP4 @ 1'</i>		<i>9</i>	<input checked="" type="checkbox"/> SOIL		<i>X</i>	<i>10-8-14</i>	<i>8:00</i>	
	<i>SP4 @ 2'</i>		<i>9</i>	<input checked="" type="checkbox"/> SOIL		<i>X</i>	<i>10-8-14</i>	<i>8:10</i>	
	<i>SP5 @ 1'</i>		<i>9</i>	<input checked="" type="checkbox"/> SOIL		<i>X</i>	<i>10-8-14</i>	<i>8:25</i>	
	<i>SP5 @ 2'</i>		<i>9</i>	<input checked="" type="checkbox"/> SOIL		<i>X</i>	<i>10-8-14</i>	<i>8:35</i>	

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Relinquished By: *[Signature]* Date: *10/10/14* Time: *8:35*  
 Received By: *[Signature]* Date: \_\_\_\_\_ Time: \_\_\_\_\_

Delivered By: (Circle One)  UPS  Bus  Other: *52°C*  
 Checked By: (Initials) *cdk*  
 Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
 E-mail Results To: *Rpon@diversifiedsi.com*  
 Ngladden@diversifiedsi.com  
 Rpon@diversifiedsi.com  
*[Signature]*





# CARDINAL Laboratories

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

3 of 3

### BILL TO

### ANALYSIS REQUEST

Company Name: AlpaPalme  
Project Manager: STEVEN CAUSAWS

P.O. #: 16708  
Company: DIVERSIFIED

Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Attn: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: Hobbs  
State: NM Zip: 88240

Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
Project #: \_\_\_\_\_ Project Owner: \_\_\_\_\_

Project Name: \_\_\_\_\_  
Project Location: Devon Vega 29 Federal / batteries  
Sample Name: ALPA PALME

FOR LAB USE ONLY  
Lab I.D. \_\_\_\_\_ Sample I.D. \_\_\_\_\_  
Matrix:  GROUNDWATER  WASTEWATER  SOIL  OIL  SLUDGE  OTHER: \_\_\_\_\_  
Preserv:  ACID/BASE: \_\_\_\_\_  ICE / COOL  OTHER: \_\_\_\_\_  
Sampling: DATE \_\_\_\_\_ TIME \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	TPH	BTEX	CL
H-0318-	21	SR11@1'	1	X	X	10-9-14	9:15	X	X	X	
	22	SR11@2'	1	X	X	10-9-14	9:30	X	X	X	
	23	SR12@1'	1	X	X	10-9-14	9:45	X	X	X	
	24	SR12@2'	1	X	X	10-9-14	10:00	X	X	X	
	25	SR13@1'	1	X	X	10-9-14	10:15	X	X	X	
	26	SR13@2'	1	X	X	10-9-14	10:30	X	X	X	
	27	SR14@3'	1	X	X	10-9-14	11:00	X	X	X	
	28	SR14@4'	1	X	X	10-9-14	11:20	X	X	X	

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Relinquished By: Steven Causaws Date: 10/10/14 Time: 8:30  
Received By: Alpa Palme Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Delivered By: (Circle One)  UPS  Bus  Other: S. 20c  
Sample Condition:  Cool  Intact  Yes  No  Yes  No

CHECKED BY: \_\_\_\_\_ (Initials)  
E-mail Results To: Rpsns@diversifiedfsi.com  
Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
REMARKS: \_\_\_\_\_



October 14, 2014

NATALIE GLADDEN

DIVERSIFIED FIELD SERVICES, INC.

P. O. BOX 5966

HOBBS, NM 88241

RE: DEVON VEGA 29 FEDERAL 1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/13/14 12:05.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" and "K".

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/13/2014	Sampling Date:	10/13/2014
Reported:	10/14/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16737	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 3' (H403136-01)**

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	10/13/2014	ND	1.91	95.3	2.00	3.60	
Toluene*	<0.050	0.050	10/13/2014	ND	1.81	90.4	2.00	3.47	
Ethylbenzene*	<0.050	0.050	10/13/2014	ND	1.72	86.1	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/13/2014	ND	5.17	86.1	6.00	3.57	
Total BTEX	<0.300	0.300	10/13/2014	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154*

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>368</b>	16.0	10/13/2014	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	10/14/2014	ND	169	84.6	200	3.28	
DRO >C10-C28	<10.0	10.0	10/14/2014	ND	178	89.2	200	3.46	

*Surrogate: 1-Chlorooctane 84.3 % 47.2-157*
*Surrogate: 1-Chlorooctadecane 85.3 % 52.1-176*

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/13/2014	Sampling Date:	10/13/2014
Reported:	10/14/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16737	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 4' (H403136-02)**

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	10/13/2014	ND	1.91	95.3	2.00	3.60	
Toluene*	<0.050	0.050	10/13/2014	ND	1.81	90.4	2.00	3.47	
Ethylbenzene*	<0.050	0.050	10/13/2014	ND	1.72	86.1	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/13/2014	ND	5.17	86.1	6.00	3.57	
Total BTEX	<0.300	0.300	10/13/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	272	16.0	10/13/2014	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	10/14/2014	ND	169	84.6	200	3.28	
DRO >C10-C28	<10.0	10.0	10/14/2014	ND	178	89.2	200	3.46	

Surrogate: 1-Chlorooctane 85.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 83.5 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/13/2014	Sampling Date:	10/13/2014
Reported:	10/14/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16737	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 12 @ 3' (H403136-03)**

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	10/13/2014	ND	1.91	95.3	2.00	3.60	
Toluene*	<0.050	0.050	10/13/2014	ND	1.81	90.4	2.00	3.47	
Ethylbenzene*	<0.050	0.050	10/13/2014	ND	1.72	86.1	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/13/2014	ND	5.17	86.1	6.00	3.57	
Total BTEX	<0.300	0.300	10/13/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61-154

Chloride, SM4500CI-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	10/13/2014	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	10/14/2014	ND	169	84.6	200	3.28	
DRO >C10-C28	<10.0	10.0	10/14/2014	ND	178	89.2	200	3.46	

Surrogate: 1-Chlorooctane 81.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 86.5 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/13/2014	Sampling Date:	10/13/2014
Reported:	10/14/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16737	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 13 @ 5' (H403136-04)**

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	10/14/2014	ND	1.91	95.3	2.00	3.60	
Toluene*	<0.050	0.050	10/14/2014	ND	1.81	90.4	2.00	3.47	
Ethylbenzene*	<0.050	0.050	10/14/2014	ND	1.72	86.1	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/14/2014	ND	5.17	86.1	6.00	3.57	
Total BTEX	<0.300	0.300	10/14/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	320	16.0	10/13/2014	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	10/14/2014	ND	169	84.6	200	3.28	
DRO >C10-C28	<10.0	10.0	10/14/2014	ND	178	89.2	200	3.46	

Surrogate: 1-Chlorooctane 83.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 86.4 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	10/13/2014	Sampling Date:	10/13/2014
Reported:	10/14/2014	Sampling Type:	Soil
Project Name:	DEVON VEGA 29 FEDERAL 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	16737	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 13 @ 6' (H403136-05)**

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	10/14/2014	ND	1.91	95.3	2.00	3.60	
Toluene*	<0.050	0.050	10/14/2014	ND	1.81	90.4	2.00	3.47	
Ethylbenzene*	<0.050	0.050	10/14/2014	ND	1.72	86.1	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/14/2014	ND	5.17	86.1	6.00	3.57	
Total BTEX	<0.300	0.300	10/14/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	304	16.0	10/13/2014	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	10/14/2014	ND	169	84.6	200	3.28	
DRO >C10-C28	<10.0	10.0	10/14/2014	ND	178	89.2	200	3.46	

Surrogate: 1-Chlorooctane 81.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 82.5 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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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



---

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

<b>Company Name:</b> Diversified <b>Project Manager:</b> Lance Crenshaw <b>Address:</b> <b>City:</b> State: Zip: <b>Phone #:</b> Fax #: <b>Project #:</b> Project Owner: <del>Archie</del> <b>Project Name:</b> Devon Vega 29 Federal battery 1 <b>Project Location:</b> <b>Sampler Name:</b> Lance Crenshaw <small>FOR LAB USE ONLY</small>		<b>P.O. #:</b> 16737 <b>Company:</b> Diversified <b>Attn:</b> Natalie Gladden <b>Address:</b> <b>City:</b> State: Zip: <b>Phone #:</b> Fax #: <b>Matrix:</b>	
<b>Lab I.D.</b> H405136		<b>Sample I.D.</b> 1 SP103' 2 SP104' 3 SP103' 4 SP1305' 5 SP1306'	
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		DATE TIME	
G 1 G 1 G 1 G 1 G 1		10/13 10:30 10/13 10:35 10/13 10:40 10/13 10:45 10/13 10:50	
✓ ✓ ✓ ✓ ✓		✓ ✓ ✓ ✓ ✓	
✓ ✓ ✓ ✓ ✓		CL BTX TPH	
<b>Relinquished By:</b> <i>[Signature]</i> <b>Relinquished Date:</b> 12:05 <b>Time:</b>		<b>Received By:</b> <i>[Signature]</i> <b>Received Date:</b> 12/13/14 <b>Time:</b>	
<b>Delivered By:</b> (Circle One) Sampler - UPS - Bus - Other: -7.22		<b>Sample Condition:</b> Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
<b>Checked By:</b> <i>[Signature]</i> (Initials)		<b>REMARKS:</b> Email results to: Ngladden@diversifiedfsi.com Rons@diversifiedfsi.com RUSH!!!	

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



November 20, 2014

NATALIE GLADDEN  
DIVERSIFIED FIELD SERVICES, INC.  
P. O. BOX 5966  
HOBBS, NM 88241

RE: VEGA 29-1

Enclosed are the results of analyses for samples received by the laboratory on 11/19/14 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Celey D. Keene  
Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	11/19/2014	Sampling Date:	11/12/2014
Reported:	11/20/2014	Sampling Type:	Soil
Project Name:	VEGA 29-1	Sampling Condition:	Cool & Intact
Project Number:	17084	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: BS 1 @ 7' (H403561-01)**

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	11/20/2014	ND	1.79	89.7	2.00	6.10	
Toluene*	<0.050	0.050	11/20/2014	ND	1.73	86.7	2.00	6.03	
Ethylbenzene*	<0.050	0.050	11/20/2014	ND	1.71	85.6	2.00	5.86	
Total Xylenes*	<0.150	0.150	11/20/2014	ND	5.14	85.7	6.00	6.23	
Total BTEX	<0.300	0.300	11/20/2014	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154*

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>192</b>	16.0	11/20/2014	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	11/20/2014	ND	192	96.0	200	1.02	
DRO >C10-C28	<10.0	10.0	11/20/2014	ND	198	98.8	200	0.794	

*Surrogate: 1-Chlorooctane 117 % 47.2-157*
*Surrogate: 1-Chlorooctadecane 134 % 52.1-176*

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

 Received: 11/19/2014  
 Reported: 11/20/2014  
 Project Name: VEGA 29-1  
 Project Number: 17084  
 Project Location: NOT GIVEN

 Sampling Date: 11/12/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: BS 2 @ 5' (H403561-02)**

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	11/20/2014	ND	1.79	89.7	2.00	6.10	
Toluene*	<0.050	0.050	11/20/2014	ND	1.73	86.7	2.00	6.03	
Ethylbenzene*	<0.050	0.050	11/20/2014	ND	1.71	85.6	2.00	5.86	
Total Xylenes*	<0.150	0.150	11/20/2014	ND	5.14	85.7	6.00	6.23	
Total BTEX	<0.300	0.300	11/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 61-154

Chloride, SM4500CI-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	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	11/20/2014	ND	192	96.0	200	1.02	
DRO >C10-C28	<10.0	10.0	11/20/2014	ND	198	98.8	200	0.794	

Surrogate: 1-Chlorooctane 117 % 47.2-157

Surrogate: 1-Chlorooctadecane 129 % 52.1-176

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

 Received: 11/19/2014  
 Reported: 11/20/2014  
 Project Name: VEGA 29-1  
 Project Number: 17084  
 Project Location: NOT GIVEN

 Sampling Date: 11/11/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: NORTH WALL (H403561-03)**

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	11/20/2014	ND	1.79	89.7	2.00	6.10		
Toluene*	<0.050	0.050	11/20/2014	ND	1.73	86.7	2.00	6.03		
Ethylbenzene*	<0.050	0.050	11/20/2014	ND	1.71	85.6	2.00	5.86		
Total Xylenes*	<0.150	0.150	11/20/2014	ND	5.14	85.7	6.00	6.23		
Total BTEX	<0.300	0.300	11/20/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	11/20/2014	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	11/20/2014	ND	192	96.0	200	1.02		
DRO >C10-C28	<10.0	10.0	11/20/2014	ND	198	98.8	200	0.794		

Surrogate: 1-Chlorooctane 122 % 47.2-157

Surrogate: 1-Chlorooctadecane 134 % 52.1-176

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

 Received: 11/19/2014  
 Reported: 11/20/2014  
 Project Name: VEGA 29-1  
 Project Number: 17084  
 Project Location: NOT GIVEN

 Sampling Date: 11/11/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SOUTH WALL (H403561-04)**

<b>BTEX 8021B</b>		<b>mg/kg</b>		<b>Analyzed By: ms</b>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2014	ND	1.79	89.7	2.00	6.10	
Toluene*	<0.050	0.050	11/20/2014	ND	1.73	86.7	2.00	6.03	
Ethylbenzene*	<0.050	0.050	11/20/2014	ND	1.71	85.6	2.00	5.86	
Total Xylenes*	<0.150	0.150	11/20/2014	ND	5.14	85.7	6.00	6.23	
Total BTEX	<0.300	0.300	11/20/2014	ND					

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

<b>Chloride, SM4500CI-B</b>		<b>mg/kg</b>		<b>Analyzed By: AP</b>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	11/20/2014	ND	400	100	400	3.92	

<b>TPH 8015M</b>		<b>mg/kg</b>		<b>Analyzed By: ms</b>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/20/2014	ND	192	96.0	200	1.02	
DRO >C10-C28	<10.0	10.0	11/20/2014	ND	198	98.8	200	0.794	

*Surrogate: 1-Chlorooctane 121 % 47.2-157*
*Surrogate: 1-Chlorooctadecane 133 % 52.1-176*

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

 Received: 11/19/2014  
 Reported: 11/20/2014  
 Project Name: VEGA 29-1  
 Project Number: 17084  
 Project Location: NOT GIVEN

 Sampling Date: 11/11/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: EAST WALL (H403561-05)**

<b>BTEX 8021B</b>		<b>mg/kg</b>		<b>Analyzed By: ms</b>						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2014	ND	1.79	89.7	2.00	6.10		
Toluene*	<0.050	0.050	11/20/2014	ND	1.73	86.7	2.00	6.03		
Ethylbenzene*	<0.050	0.050	11/20/2014	ND	1.71	85.6	2.00	5.86		
Total Xylenes*	<0.150	0.150	11/20/2014	ND	5.14	85.7	6.00	6.23		
Total BTEX	<0.300	0.300	11/20/2014	ND						

*Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154*

<b>Chloride, SM4500CI-B</b>		<b>mg/kg</b>		<b>Analyzed By: AP</b>						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>192</b>	16.0	11/20/2014	ND	400	100	400	3.92		

<b>TPH 8015M</b>		<b>mg/kg</b>		<b>Analyzed By: ms</b>						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/20/2014	ND	192	96.0	200	1.02		
DRO >C10-C28	<10.0	10.0	11/20/2014	ND	198	98.8	200	0.794		

*Surrogate: 1-Chlorooctane 122 % 47.2-157*
*Surrogate: 1-Chlorooctadecane 134 % 52.1-176*

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

 Received: 11/19/2014  
 Reported: 11/20/2014  
 Project Name: VEGA 29-1  
 Project Number: 17084  
 Project Location: NOT GIVEN

 Sampling Date: 11/11/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: WEST WALL (H403561-06)**

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	11/20/2014	ND	1.79	89.7	2.00	6.10	
Toluene*	<0.050	0.050	11/20/2014	ND	1.73	86.7	2.00	6.03	
Ethylbenzene*	<0.050	0.050	11/20/2014	ND	1.71	85.6	2.00	5.86	
Total Xylenes*	<0.150	0.150	11/20/2014	ND	5.14	85.7	6.00	6.23	
Total BTEX	<0.300	0.300	11/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 61-154

Chloride, SM4500CI-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	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	11/20/2014	ND	192	96.0	200	1.02	
DRO >C10-C28	<10.0	10.0	11/20/2014	ND	198	98.8	200	0.794	

Surrogate: 1-Chlorooctane 117 % 47.2-157

Surrogate: 1-Chlorooctadecane 129 % 52.1-176

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	11/19/2014	Sampling Date:	11/11/2014
Reported:	11/20/2014	Sampling Type:	Soil
Project Name:	VEGA 29-1	Sampling Condition:	Cool & Intact
Project Number:	17084	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SW N (H403561-07)**

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	11/20/2014	ND	1.79	89.7	2.00	6.10	
Toluene*	<0.050	0.050	11/20/2014	ND	1.73	86.7	2.00	6.03	
Ethylbenzene*	<0.050	0.050	11/20/2014	ND	1.71	85.6	2.00	5.86	
Total Xylenes*	<0.150	0.150	11/20/2014	ND	5.14	85.7	6.00	6.23	
Total BTEX	<0.300	0.300	11/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	11/20/2014	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	11/20/2014	ND	192	96.0	200	1.02	
DRO >C10-C28	<10.0	10.0	11/20/2014	ND	198	98.8	200	0.794	

Surrogate: 1-Chlorooctane 114 % 47.2-157

Surrogate: 1-Chlorooctadecane 130 % 52.1-176

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	11/19/2014	Sampling Date:	11/11/2014
Reported:	11/20/2014	Sampling Type:	Soil
Project Name:	VEGA 29-1	Sampling Condition:	Cool & Intact
Project Number:	17084	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SW E (H403561-08)**

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	11/20/2014	ND	1.79	89.7	2.00	6.10		
Toluene*	<0.050	0.050	11/20/2014	ND	1.73	86.7	2.00	6.03		
Ethylbenzene*	<0.050	0.050	11/20/2014	ND	1.71	85.6	2.00	5.86		
Total Xylenes*	<0.150	0.150	11/20/2014	ND	5.14	85.7	6.00	6.23		
Total BTEX	<0.300	0.300	11/20/2014	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<b>464</b>	16.0	11/20/2014	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	11/20/2014	ND	192	96.0	200	1.02		
DRO >C10-C28	<10.0	10.0	11/20/2014	ND	198	98.8	200	0.794		

Surrogate: 1-Chlorooctane 115 % 47.2-157

Surrogate: 1-Chlorooctadecane 128 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

 Received: 11/19/2014  
 Reported: 11/20/2014  
 Project Name: VEGA 29-1  
 Project Number: 17084  
 Project Location: NOT GIVEN

 Sampling Date: 11/13/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SW S (H403561-09)**

<b>BTEX 8021B</b>		<b>mg/kg</b>		<b>Analyzed By: ms</b>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2014	ND	1.79	89.7	2.00	6.10	
Toluene*	<0.050	0.050	11/20/2014	ND	1.73	86.7	2.00	6.03	
Ethylbenzene*	<0.050	0.050	11/20/2014	ND	1.71	85.6	2.00	5.86	
Total Xylenes*	<0.150	0.150	11/20/2014	ND	5.14	85.7	6.00	6.23	
Total BTEX	<0.300	0.300	11/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 61-154

<b>Chloride, SM4500CI-B</b>		<b>mg/kg</b>		<b>Analyzed By: AP</b>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	11/20/2014	ND	400	100	400	3.92	

<b>TPH 8015M</b>		<b>mg/kg</b>		<b>Analyzed By: ms</b>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/20/2014	ND	192	96.0	200	1.02	
DRO >C10-C28	<10.0	10.0	11/20/2014	ND	198	98.8	200	0.794	

Surrogate: 1-Chlorooctane 114 % 47.2-157

Surrogate: 1-Chlorooctadecane 122 % 52.1-176

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

 Received: 11/19/2014  
 Reported: 11/20/2014  
 Project Name: VEGA 29-1  
 Project Number: 17084  
 Project Location: NOT GIVEN

 Sampling Date: 11/13/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SW W (H403561-10)**

<b>BTEX 8021B</b>		<b>mg/kg</b>		<b>Analyzed By: ms</b>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2014	ND	1.79	89.7	2.00	6.10	
Toluene*	<0.050	0.050	11/20/2014	ND	1.73	86.7	2.00	6.03	
Ethylbenzene*	<0.050	0.050	11/20/2014	ND	1.71	85.6	2.00	5.86	
Total Xylenes*	<0.150	0.150	11/20/2014	ND	5.14	85.7	6.00	6.23	
Total BTEX	<0.300	0.300	11/20/2014	ND					

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

<b>Chloride, SM4500Cl-B</b>		<b>mg/kg</b>		<b>Analyzed By: AP</b>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	11/20/2014	ND	400	100	400	3.92	

<b>TPH 8015M</b>		<b>mg/kg</b>		<b>Analyzed By: ms</b>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/20/2014	ND	192	96.0	200	1.02	
DRO >C10-C28	<10.0	10.0	11/20/2014	ND	198	98.8	200	0.794	

*Surrogate: 1-Chlorooctane 109 % 47.2-157*
*Surrogate: 1-Chlorooctadecane 121 % 52.1-176*

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

 Received: 11/19/2014  
 Reported: 11/20/2014  
 Project Name: VEGA 29-1  
 Project Number: 17084  
 Project Location: NOT GIVEN

 Sampling Date: 11/12/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: BS 2 (H403561-11)**

<b>BTEX 8021B</b>		<b>mg/kg</b>		<b>Analyzed By: ms</b>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2014	ND	1.79	89.7	2.00	6.10	
Toluene*	<0.050	0.050	11/20/2014	ND	1.73	86.7	2.00	6.03	
Ethylbenzene*	<0.050	0.050	11/20/2014	ND	1.71	85.6	2.00	5.86	
Total Xylenes*	<0.150	0.150	11/20/2014	ND	5.14	85.7	6.00	6.23	
Total BTEX	<0.300	0.300	11/20/2014	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 61-154*

<b>Chloride, SM4500Cl-B</b>		<b>mg/kg</b>		<b>Analyzed By: AP</b>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	11/20/2014	ND	400	100	400	3.92	

<b>TPH 8015M</b>		<b>mg/kg</b>		<b>Analyzed By: ms</b>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/20/2014	ND	192	96.0	200	1.02	
DRO >C10-C28	<10.0	10.0	11/20/2014	ND	198	98.8	200	0.794	

*Surrogate: 1-Chlorooctane 121 % 47.2-157*
*Surrogate: 1-Chlorooctadecane 127 % 52.1-176*

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 DIVERSIFIED FIELD SERVICES, INC.  
 NATALIE GLADDEN  
 P. O. BOX 5966  
 HOBBS NM, 88241  
 Fax To: (575) 393-2981

Received:	11/19/2014	Sampling Date:	11/12/2014
Reported:	11/20/2014	Sampling Type:	Soil
Project Name:	VEGA 29-1	Sampling Condition:	Cool & Intact
Project Number:	17084	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: BS 3 (H403561-12)**

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	11/20/2014	ND	1.79	89.7	2.00	6.10	
Toluene*	<0.050	0.050	11/20/2014	ND	1.73	86.7	2.00	6.03	
Ethylbenzene*	<0.050	0.050	11/20/2014	ND	1.71	85.6	2.00	5.86	
Total Xylenes*	<0.150	0.150	11/20/2014	ND	5.14	85.7	6.00	6.23	
Total BTEX	<0.300	0.300	11/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	48.0	16.0	11/20/2014	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	11/20/2014	ND	192	96.0	200	1.02	
DRO >C10-C28	<10.0	10.0	11/20/2014	ND	198	98.8	200	0.794	

Surrogate: 1-Chlorooctane 113 % 47.2-157

Surrogate: 1-Chlorooctadecane 122 % 52.1-176

Cardinal Laboratories

\* = Accredited Analyte

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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

*PUSH!!*



<b>Company Name:</b> <u>Mathisroe (Deven)</u> <b>Project Manager:</b> _____		<b>P.O. #:</b> <u>17084</u> <b>Company:</b> <u>DFSI</u>				
<b>Address:</b> _____ <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____		<b>Attn:</b> <u>APARUOE</u> <b>Address:</b> _____ <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____				
<b>Phone #:</b> _____ <b>Fax #:</b> _____ <b>Project #:</b> _____ <b>Project Owner:</b> _____		<b>Project Location:</b> <u>Vegetation - EDWARDS</u> <b>Sampler Name:</b> <u>Guerra 29-1</u>				
<b>FOR LAB USE ONLY</b>		<b>Matrix:</b> <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ <b>Preserv:</b> <input type="checkbox"/> ACID/BASE: _____ <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	DATE	TIME	ANALYSIS REQUEST
<u>H403561</u>	<u>BS. 1 @ 7' TL</u>	<u>9</u>	<u>1</u>	<u>11-12-14</u>	<u>12:00</u>	<u>CE</u>
<u>1</u>	<u>BS. 2 @ 5' TL</u>	<u>9</u>	<u>1</u>	<u>11-12-14</u>	<u>12:05</u>	<u>PT</u>
<u>2</u>	<u>NORTH WALL</u>	<u>9</u>	<u>1</u>	<u>11-11-14</u>	<u>12:00</u>	<u>B-FX</u>
<u>3</u>	<u>SOUTH WALL</u>	<u>9</u>	<u>1</u>	<u>11-11-14</u>	<u>12:05</u>	
<u>4</u>	<u>EAST WALL</u>	<u>9</u>	<u>1</u>	<u>11-11-14</u>	<u>12:10</u>	
<u>5</u>	<u>WEST WALL</u>	<u>9</u>	<u>1</u>	<u>11-11-14</u>	<u>12:10</u>	
<u>6</u>	<u>SW N</u>	<u>9</u>	<u>1</u>	<u>11-11-14</u>	<u>12:15</u>	
<u>7</u>	<u>SW E</u>	<u>9</u>	<u>1</u>	<u>11-11-14</u>	<u>10:05</u>	
<u>8</u>	<u>SW S TL</u>	<u>9</u>	<u>1</u>	<u>11-13-14</u>	<u>9:25</u>	
<u>9</u>	<u>SW W TL</u>	<u>9</u>	<u>1</u>	<u>11-13-14</u>	<u>9:30</u>	
<u>10</u>	<u>SW W TL</u>	<u>9</u>	<u>1</u>			

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**Relinquished By:** APARUOE **Date:** 11/19/14 **Received By:** Scotti Stover

**Relinquished By:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Received By:** \_\_\_\_\_

**Delivered By:** (Circle One) UPS **Checked By:** APARUOE

**Sampler - UPS - Bus - Other:** 440 **Sample Condition:**  Cool  Intact  Yes  No



# CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

### BILL TO

### ANALYSIS REQUEST

Company Name: At-Risk (Deben)  
Project Manager:

P.O. #: 17084  
Company: DRSI

Address:

Attn: At-Risk

City: State: Zip:

Address: City: State: Zip:

Phone #: Fax #:

Project Name: Project Owner:

Project Location: Vega 29-1

Project Name: Project Owner:

Sampler Name: Palom Long

Project Name: Project Owner:

FOR LAB USE ONLY

Matrix: PRESERV. SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	CL	B-TX	TPH	Other
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:						
<u>H403501</u>	<u>B5.2 TV</u>		<u>9</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<u>11-12-14</u>	<u>12:10</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<u>12</u>	<u>B5.3 TL</u>		<u>1</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<u>11-12-14</u>	<u>12:15</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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Relinquished By: Phon Long  
Date: 11/19/14  
Time: 3:40  
Received By: Debi Jensen

Phone Result:  Yes  No  Add'l Phone #:  
Fax Result:  Yes  No  Add'l Fax #:  
REMARKS:  
E-mail Results To:  
Ngladden@diversifiedfsi.com  
Rpons@diversifiedfsi.com

Delivered By: (Circle One)  
Sampler - UPS - Bus - Other: 4.42

Sample Condition  
Cool  Intact   
Yes  No   
Checked By: Phon

\* Cardinal cannot accept verbal change. Please fax written change to (575) 393-2476 #54



Initial Site Photos

10/04/2014



Excavation Photos

11/04/2014 – 11/11/2014





Final Photos

11/18/2014



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

Form C-141  
Revised August 8, 2011

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

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 <b>Devon Energy</b>	Contact <b>Rudy Zuniga (Production Foreman)</b>
Address <b>PO Box 250 Artesia, NM 88211</b>	Telephone No. <b>(575) 390-5435</b>
Facility Name <b>Vega 29 Federal Com 1H Battery (closest well – Vega 29 Fed Com 3H)</b>	Facility Type <b>Oil and Gas Production</b>

Surface Owner <b>BLM</b>	Mineral Owner <b>BLM</b>	API No. <b>30-015-41624 (3H)</b>
--------------------------	--------------------------	----------------------------------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
<b>B</b>	<b>29</b>	<b>19S</b>	<b>31E</b>	<b>147'</b>	<b>North Line</b>	<b>2470'</b>	<b>East Line</b>	<b>Eddy County</b>

Latitude 32.63837 Longitude -103.89069

**NATURE OF RELEASE**

Type of Release <b>Produced Water</b>	Volume of Release <b>35</b>	Volume Recovered <b>20</b>
Source of Release <b>Failure to haul fluid (Arapahoe)</b>	Date and Hour of Occurrence <b>10/04/2014 11am</b>	Date and Hour of Discovery <b>10/04/2014 11am</b>
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom? <b>Natalie Gladden (DFSI Environmental)</b>	Date and Hour <b>10/06/2014 10am – BLM J. Robertson/10:02am NMOCD M. Bratcher</b>	
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.\*

**Arapahoe Trucking failed to haul fluid causing the tanks to overflow. A vacuum truck was called out to recover standing fluid and was able to recover approximately 20bbls of produced water. DFSI completed the Environmental Assessment, mapped the site and surface samples.**

Describe Area Affected and Cleanup Action Taken.\*

**A total of 13,656 sq. ft. of impacted surface was remediated as per NMOCD/BLM Guidelines to closure of this site**

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:	<b>OIL CONSERVATION DIVISION</b>		
Printed Name: <b>Stacie Singleton</b>	Approved by Environmental Specialist:		
Title: <b>Environmental Professional</b>	Approval Date:	Expiration Date:	
E-mail Address: <a href="mailto:Stacie.singleton@dvn.com">Stacie.singleton@dvn.com</a>	Conditions of Approval:		Attached <input type="checkbox"/>
Date:	Phone: <b>(575) 513-2129</b>		

\* Attach Additional Sheets If Necessary