



**RECEIVED**

*By Kellie Jones at 7:25 am, Jan 26, 2016*

P.O. Box 2587 • Hobbs, NM 88241 • Phone: (575) 397-4961 • todd@trinityoilfieldservices.com

**APPROVED**

*By Kellie Jones at 7:25 am, Jan 26, 2016*

January 19, 2016

Kellie Jones  
Oil Conservation Division, EMNRD  
Environmental Specialist  
1625 North French Drive  
Hobbs, NM 88240

RE: Work Plan

Legacy Reserves - Will 693 Pasture  
J-34-8S-35E 1830E 1900E  
API No. 30-041-20848

Kellie,

Trinity Oilfield Services is representing Legacy Reserves, LP in the Accidental Release (AR) for the Will 693 Pasture. Trinity and Legacy discovered a leak in the pasture during a meeting with the landowner. Subsequently a C-141 was filed and no initial cleanup was performed, as there was no standing fluid.

### **Delineation**

Trinity performed a sampling event on November 12, 2015. Three sample points were selected and samples were pulled from the surface, 1', 2', 4', & 6'. The results of this event and a sample map can be found attached as Exhibit A & B. After analyzing the results we determined that additional sampling needed to be performed at SP1 which is nearest the Release Point (RP). A sample boring was performed with samples that were obtained from 8', 10', 12', & 14'. We attempted to retrieve data from the Office of the State Engineer (OSE) in regards to ground water depths, however no data is available for the area. It is believed that groundwater is greater than 250'.

## Conclusion

After carefully analyzing all of the data and consulting with our client, Trinity is proposing the following remediation. Trinity would like to excavate the Effected Area (EA) to depth of 3'. Haul the contaminated soil to the nearest disposal. Install a 20 Mil. liner. Backfill the EA with clean soil appropriate with the area, and reseed the area.

Upon completion of this work plan Trinity will submit a closure report. Please feel free to contact me with any questions or concerns regarding this matter.

Sincerely,

Todd Roberson  
President  
Trinity Oilfield Services & Rentals, LLC.

CC Jessie Garcia Legacy Reserves, LP

Attachments: Exhibit A & B  
C-141

# Exhibit A

Will # 693

Sample Points	BTEX	Chloride	TPH-GRO	TPH-DRO	TPH-EXDRO
SP1-0	< .3	240	< 200	10800	3440
SP1-1	0.631	< 16.0	< 200	5030	1060
SP1-2	1.3	< 16.0	102	4540	848
SP1-4	19.1	96.0	272	1440	206
SP1-6	207	800	5150	19600	2670
SP1-8	191	224	1000	2580	360
SP1-10	38.1	240	98.3	310	38.1
SP1-12	7.27	208	32.5	173	18.0
SP1-14	1.76	176	21.3	163	15.0



Contamination Area:  
2,700 Sq/ft



# Exhibit B

January 08, 2016

TODD ROBERSON

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: WILL 693 PASTURE

Enclosed are the results of analyses for samples received by the laboratory on 01/04/16 11:00.

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



Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 CHRIS HAUGSTAD  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/13/2015	Sampling Date:	11/12/2015
Reported:	11/20/2015	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

**Sample ID: SP1 (H503012-01)**

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	11/17/2015	ND	1.96	98.0	2.00	0.526		
Toluene*	<0.050	0.050	11/17/2015	ND	2.22	111	2.00	0.925		
Ethylbenzene*	<0.050	0.050	11/17/2015	ND	2.06	103	2.00	1.09		
Total Xylenes*	<0.150	0.150	11/17/2015	ND	6.46	108	6.00	0.960		
Total BTEX	<0.300	0.300	11/17/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 73.6-140

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>240</b>	16.0	11/16/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	<200	200	11/14/2015	ND	198	99.2	200	6.08			
<b>DRO &gt;C10-C28</b>	<b>10800</b>	200	11/14/2015	ND	207	103	200	5.76			
<b>EXT DRO &gt;C28-C35</b>	<b>3440</b>	200	11/14/2015	ND							

Surrogate: 1-Chlorooctane 85.5 % 35-147

Surrogate: 1-Chlorooctadecane 454 % 28-171

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 CHRIS HAUGSTAD  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/13/2015	Sampling Date:	11/12/2015
Reported:	11/20/2015	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

**Sample ID: SP1-1 (H503012-02)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2015	ND	1.96	98.0	2.00	0.526		
Toluene*	<0.050	0.050	11/17/2015	ND	2.22	111	2.00	0.925		
<b>Ethylbenzene*</b>	<b>0.631</b>	0.050	11/17/2015	ND	2.06	103	2.00	1.09		
Total Xylenes*	<0.150	0.150	11/17/2015	ND	6.46	108	6.00	0.960		
<b>Total BTEX</b>	<b>0.631</b>	0.300	11/17/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 187 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/16/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<200	200	11/14/2015	ND	198	99.2	200	6.08		
<b>DRO &gt;C10-C28</b>	<b>5030</b>	200	11/14/2015	ND	207	103	200	5.76		
<b>EXT DRO &gt;C28-C35</b>	<b>1060</b>	200	11/14/2015	ND						

Surrogate: 1-Chlorooctane 113 % 35-147

Surrogate: 1-Chlorooctadecane 191 % 28-171

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 CHRIS HAUGSTAD  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

 Received: 11/13/2015  
 Reported: 11/20/2015  
 Project Name: WILL 693 PASTURE  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 11/12/2015  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Judy Garcia

**Sample ID: SP1-2 (H503012-03)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2015	ND	1.96	98.0	2.00	0.526		
Toluene*	<0.050	0.050	11/17/2015	ND	2.22	111	2.00	0.925		
<b>Ethylbenzene*</b>	<b>1.30</b>	0.050	11/17/2015	ND	2.06	103	2.00	1.09		
Total Xylenes*	<0.150	0.150	11/17/2015	ND	6.46	108	6.00	0.960		
<b>Total BTEX</b>	<b>1.30</b>	0.300	11/17/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 239 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/16/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>102</b>	100	11/14/2015	ND	198	99.2	200	6.08		
<b>DRO &gt;C10-C28</b>	<b>4540</b>	100	11/14/2015	ND	207	103	200	5.76		
<b>EXT DRO &gt;C28-C35</b>	<b>848</b>	100	11/14/2015	ND						

Surrogate: 1-Chlorooctane 119 % 35-147

Surrogate: 1-Chlorooctadecane 183 % 28-171

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 CHRIS HAUGSTAD  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/13/2015	Sampling Date:	11/12/2015
Reported:	11/20/2015	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

**Sample ID: SP1-4 (H503012-04)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>0.924</b>	0.100	11/17/2015	ND	1.96	98.0	2.00	0.526		
<b>Toluene*</b>	<b>1.78</b>	0.100	11/17/2015	ND	2.22	111	2.00	0.925		
<b>Ethylbenzene*</b>	<b>2.79</b>	0.100	11/17/2015	ND	2.06	103	2.00	1.09		
<b>Total Xylenes*</b>	<b>13.6</b>	0.300	11/17/2015	ND	6.46	108	6.00	0.960		
<b>Total BTEX</b>	<b>19.1</b>	0.600	11/17/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 165 % 73.6-140

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>96.0</b>	16.0	11/16/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>272</b>	10.0	11/14/2015	ND	198	99.2	200	6.08		
<b>DRO &gt;C10-C28</b>	<b>1440</b>	10.0	11/14/2015	ND	207	103	200	5.76		
<b>EXT DRO &gt;C28-C35</b>	<b>206</b>	10.0	11/14/2015	ND						

Surrogate: 1-Chlorooctane 125 % 35-147

Surrogate: 1-Chlorooctadecane 124 % 28-171

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 CHRIS HAUGSTAD  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/13/2015	Sampling Date:	11/12/2015
Reported:	11/20/2015	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

**Sample ID: SP1-6 (H503012-05)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<2.00	2.00	11/17/2015	ND	1.96	98.0	2.00	0.526		
<b>Toluene*</b>	<b>15.3</b>	2.00	11/17/2015	ND	2.22	111	2.00	0.925		
<b>Ethylbenzene*</b>	<b>33.0</b>	2.00	11/17/2015	ND	2.06	103	2.00	1.09		
<b>Total Xylenes*</b>	<b>159</b>	6.00	11/17/2015	ND	6.46	108	6.00	0.960		
<b>Total BTEX</b>	<b>207</b>	12.0	11/17/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.6-140

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>800</b>	16.0	11/16/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
<b>GRO C6-C10</b>	<b>5150</b>	100	11/14/2015	ND	198	99.2	200	6.08			
<b>DRO &gt;C10-C28</b>	<b>19600</b>	100	11/14/2015	ND	207	103	200	5.76			
<b>EXT DRO &gt;C28-C35</b>	<b>2670</b>	100	11/14/2015	ND							

Surrogate: 1-Chlorooctane 252 % 35-147

Surrogate: 1-Chlorooctadecane 411 % 28-171

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 TODD ROBERSON  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

SP 1-8

Received:	01/04/2016	Sampling Date:	12/23/2015
Reported:	01/08/2016	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 8 (H600007-02)**

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>1.45</b>	0.500	01/06/2016	ND	1.98	99.2	2.00	12.0		
<b>Toluene*</b>	<b>38.8</b>	0.500	01/06/2016	ND	2.01	101	2.00	12.6		
<b>Ethylbenzene*</b>	<b>29.8</b>	0.500	01/06/2016	ND	1.86	93.2	2.00	12.3		
<b>Total Xylenes*</b>	<b>121</b>	1.50	01/06/2016	ND	5.93	98.9	6.00	11.7		
<b>Total BTEX</b>	<b>191</b>	3.00	01/06/2016	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 129 % 73.6-140

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>224</b>	16.0	01/04/2016	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>1000</b>	50.0	01/05/2016	ND	188	93.9	200	0.803		
<b>DRO &gt;C10-C28</b>	<b>2580</b>	50.0	01/05/2016	ND	179	89.4	200	1.93		
<b>EXT DRO &gt;C28-C35</b>	<b>360</b>	50.0	01/05/2016	ND						

Surrogate: 1-Chlorooctane 138 % 35-147

Surrogate: 1-Chlorooctadecane 116 % 28-171

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

SPI-10

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 TODD ROBERSON  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	01/04/2016	Sampling Date:	12/23/2015
Reported:	01/08/2016	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 10 (H60007-03)**

BTEX 8021B		mg/kg		Analyzed By: CK					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/06/2016	ND	1.98	99.2	2.00	12.0		
<b>Toluene*</b>	<b>4.72</b>	0.050	01/06/2016	ND	2.01	101	2.00	12.6		
<b>Ethylbenzene*</b>	<b>6.38</b>	0.050	01/06/2016	ND	1.86	93.2	2.00	12.3		
<b>Total Xylenes*</b>	<b>27.0</b>	0.150	01/06/2016	ND	5.93	98.9	6.00	11.7		
<b>Total BTEX</b>	<b>38.1</b>	0.300	01/06/2016	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 187% 73.6-140

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	01/04/2016	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>98.3</b>	10.0	01/05/2016	ND	188	93.9	200	0.803		
<b>DRO &gt;C10-C28</b>	<b>310</b>	10.0	01/05/2016	ND	179	89.4	200	1.93		
<b>EXT DRO &gt;C28-C35</b>	<b>38.1</b>	10.0	01/05/2016	ND						

Surrogate: 1-Chlorooctane 51.5% 35-147

Surrogate: 1-Chlorooctadecane 45.4% 28-171

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

SP1-12

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 TODD ROBERSON  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	01/04/2016	Sampling Date:	12/23/2015
Reported:	01/08/2016	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 12 (H600007-04)**

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/06/2016	ND	1.98	99.2	2.00	12.0	
<b>Toluene*</b>	<b>0.354</b>	0.050	01/06/2016	ND	2.01	101	2.00	12.6	
<b>Ethylbenzene*</b>	<b>1.13</b>	0.050	01/06/2016	ND	1.86	93.2	2.00	12.3	
<b>Total Xylenes*</b>	<b>5.79</b>	0.150	01/06/2016	ND	5.93	98.9	6.00	11.7	
<b>Total BTEX</b>	<b>7.27</b>	0.300	01/06/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 132 % 73.6-140

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>208</b>	16.0	01/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>32.5</b>	10.0	01/05/2016	ND	188	93.9	200	0.803	
<b>DRO &gt;C10-C28</b>	<b>173</b>	10.0	01/05/2016	ND	179	89.4	200	1.93	
<b>EXT DRO &gt;C28-C35</b>	<b>18.0</b>	10.0	01/05/2016	ND					

Surrogate: 1-Chlorooctane 39.0 % 35-147

Surrogate: 1-Chlorooctadecane 35.9 % 28-171

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

SPI-14

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 TODD ROBERSON  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	01/04/2016	Sampling Date:	12/23/2015
Reported:	01/08/2016	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 14 (H600007-05)**

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/06/2016	ND	1.98	99.2	2.00	12.0		
Toluene*	<b>0.057</b>	0.050	01/06/2016	ND	2.01	101	2.00	12.6		
Ethylbenzene*	<b>0.242</b>	0.050	01/06/2016	ND	1.86	93.2	2.00	12.3		
Total Xylenes*	<b>1.46</b>	0.150	01/06/2016	ND	5.93	98.9	6.00	11.7		
<b>Total BTEX</b>	<b>1.76</b>	0.300	01/06/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.6-140

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	01/04/2016	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>21.3</b>	10.0	01/05/2016	ND	188	93.9	200	0.803		
<b>DRO &gt;C10-C28</b>	<b>163</b>	10.0	01/05/2016	ND	179	89.4	200	1.93		
<b>EXT DRO &gt;C28-C35</b>	<b>15.0</b>	10.0	01/05/2016	ND						

Surrogate: 1-Chlorooctane 76.6 % 35-147

Surrogate: 1-Chlorooctadecane 76.3 % 28-171

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 CHRIS HAUGSTAD  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

 Received: 11/13/2015  
 Reported: 11/20/2015  
 Project Name: WILL 693 PASTURE  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 11/12/2015  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Judy Garcia

**Sample ID: SP2 (H503012-06)**

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	11/17/2015	ND	1.96	98.0	2.00	0.526		
Toluene*	<0.050	0.050	11/17/2015	ND	2.22	111	2.00	0.925		
Ethylbenzene*	<0.050	0.050	11/17/2015	ND	2.06	103	2.00	1.09		
Total Xylenes*	<0.150	0.150	11/17/2015	ND	6.46	108	6.00	0.960		
Total BTEX	<0.300	0.300	11/17/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/16/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	<200	200	11/14/2015	ND	198	99.2	200	6.08			
<b>DRO &gt;C10-C28</b>	<b>10000</b>	200	11/14/2015	ND	207	103	200	5.76			
<b>EXT DRO &gt;C28-C35</b>	<b>3700</b>	200	11/14/2015	ND							

Surrogate: 1-Chlorooctane 103 % 35-147

Surrogate: 1-Chlorooctadecane 397 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 CHRIS HAUGSTAD  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/13/2015	Sampling Date:	11/12/2015
Reported:	11/20/2015	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

**Sample ID: SP2-1 (H503012-07)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2015	ND	1.96	98.0	2.00	0.526		
Toluene*	<0.050	0.050	11/17/2015	ND	2.22	111	2.00	0.925		
<b>Ethylbenzene*</b>	<b>0.748</b>	0.050	11/17/2015	ND	2.06	103	2.00	1.09		
Total Xylenes*	<0.150	0.150	11/17/2015	ND	6.46	108	6.00	0.960		
<b>Total BTEX</b>	<b>0.748</b>	0.300	11/17/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 208 % 73.6-140

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	11/16/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>109</b>	100	11/14/2015	ND	198	99.2	200	6.08		
<b>DRO &gt;C10-C28</b>	<b>6630</b>	100	11/14/2015	ND	207	103	200	5.76		
<b>EXT DRO &gt;C28-C35</b>	<b>1250</b>	100	11/14/2015	ND						

Surrogate: 1-Chlorooctane 112 % 35-147

Surrogate: 1-Chlorooctadecane 208 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 CHRIS HAUGSTAD  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/13/2015	Sampling Date:	11/12/2015
Reported:	11/20/2015	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

**Sample ID: SP2-2 (H503012-08)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2015	ND	1.96	98.0	2.00	0.526		
Toluene*	<0.050	0.050	11/17/2015	ND	2.22	111	2.00	0.925		
<b>Ethylbenzene*</b>	<b>0.952</b>	0.050	11/17/2015	ND	2.06	103	2.00	1.09		
Total Xylenes*	<0.150	0.150	11/17/2015	ND	6.46	108	6.00	0.960		
<b>Total BTEX</b>	<b>0.952</b>	0.300	11/17/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 213 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/16/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>157</b>	100	11/14/2015	ND	198	99.2	200	6.08		
<b>DRO &gt;C10-C28</b>	<b>7710</b>	100	11/14/2015	ND	207	103	200	5.76		
<b>EXT DRO &gt;C28-C35</b>	<b>1470</b>	100	11/14/2015	ND						

Surrogate: 1-Chlorooctane 123 % 35-147

Surrogate: 1-Chlorooctadecane 236 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 CHRIS HAUGSTAD  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/13/2015	Sampling Date:	11/12/2015
Reported:	11/20/2015	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

**Sample ID: SP2-4 (H503012-09)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>0.051</b>	0.050	11/17/2015	ND	1.96	98.0	2.00	0.526		
<b>Toluene*</b>	<b>0.204</b>	0.050	11/17/2015	ND	2.22	111	2.00	0.925		
Ethylbenzene*	<0.050	0.050	11/17/2015	ND	2.06	103	2.00	1.09		
<b>Total Xylenes*</b>	<b>3.11</b>	0.150	11/17/2015	ND	6.46	108	6.00	0.960		
<b>Total BTEX</b>	<b>3.36</b>	0.300	11/17/2015	ND						

Surrogate: 4-Bromofluorobenzene (PII) 193 % 73.6-140

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>96.0</b>	16.0	11/16/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>65.5</b>	10.0	11/14/2015	ND	198	99.2	200	6.08		
<b>DRO &gt;C10-C28</b>	<b>558</b>	10.0	11/14/2015	ND	207	103	200	5.76		
<b>EXT DRO &gt;C28-C35</b>	<b>84.0</b>	10.0	11/14/2015	ND						

Surrogate: 1-Chlorooctane 106 % 35-147

Surrogate: 1-Chlorooctadecane 119 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 CHRIS HAUGSTAD  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/13/2015	Sampling Date:	11/12/2015
Reported:	11/20/2015	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

**Sample ID: SP2-6 (H503012-10)**

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	11/18/2015	ND	1.64	82.2	2.00	16.6		
Toluene*	<0.050	0.050	11/18/2015	ND	1.77	88.7	2.00	16.9		
Ethylbenzene*	<0.050	0.050	11/18/2015	ND	1.58	79.1	2.00	16.1		
Total Xylenes*	<0.150	0.150	11/18/2015	ND	4.91	81.8	6.00	16.4		
Total BTEX	<0.300	0.300	11/18/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

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	11/16/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/14/2015	ND	198	99.2	200	6.08		
DRO >C10-C28	16.5	10.0	11/14/2015	ND	207	103	200	5.76		
EXT DRO >C28-C35	<10.0	10.0	11/14/2015	ND						

Surrogate: 1-Chlorooctane 93.0 % 35-147

Surrogate: 1-Chlorooctadecane 98.9 % 28-171

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 CHRIS HAUGSTAD  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/13/2015	Sampling Date:	11/12/2015
Reported:	11/20/2015	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

**Sample ID: SP3 (H503012-11)**

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	11/18/2015	ND	1.64	82.2	2.00	16.6		
Toluene*	<0.050	0.050	11/18/2015	ND	1.77	88.7	2.00	16.9		
Ethylbenzene*	<0.050	0.050	11/18/2015	ND	1.58	79.1	2.00	16.1		
Total Xylenes*	<0.150	0.150	11/18/2015	ND	4.91	81.8	6.00	16.4		
Total BTEX	<0.300	0.300	11/18/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

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>32.0</b>	16.0	11/16/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	<100	100	11/14/2015	ND	198	99.2	200	6.08			
<b>DRO &gt;C10-C28</b>	<b>9310</b>	100	11/14/2015	ND	207	103	200	5.76			
<b>EXT DRO &gt;C28-C35</b>	<b>2920</b>	100	11/14/2015	ND							

Surrogate: 1-Chlorooctane 101 % 35-147

Surrogate: 1-Chlorooctadecane 373 % 28-171

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 CHRIS HAUGSTAD  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/13/2015	Sampling Date:	11/12/2015
Reported:	11/20/2015	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

**Sample ID: SP3-1 (H503012-12)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.200	0.200	11/18/2015	ND	1.64	82.2	2.00	16.6		
Toluene*	<0.200	0.200	11/18/2015	ND	1.77	88.7	2.00	16.9		
<b>Ethylbenzene*</b>	<b>0.558</b>	0.200	11/18/2015	ND	1.58	79.1	2.00	16.1		
Total Xylenes*	<0.600	0.600	11/18/2015	ND	4.91	81.8	6.00	16.4		
Total BTEX	<1.20	1.20	11/18/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 134 % 73.6-140

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	11/16/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
<b>GRO C6-C10</b>	<b>360</b>	100	11/14/2015	ND	198	99.2	200	6.08			
<b>DRO &gt;C10-C28</b>	<b>10400</b>	100	11/14/2015	ND	207	103	200	5.76			
<b>EXT DRO &gt;C28-C35</b>	<b>1660</b>	100	11/14/2015	ND							

Surrogate: 1-Chlorooctane 178 % 35-147

Surrogate: 1-Chlorooctadecane 243 % 28-171

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 CHRIS HAUGSTAD  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/13/2015	Sampling Date:	11/12/2015
Reported:	11/20/2015	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

**Sample ID: SP3-2 (H503012-13)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2015	ND	1.64	82.2	2.00	16.6		
Toluene*	<0.050	0.050	11/18/2015	ND	1.77	88.7	2.00	16.9		
Ethylbenzene*	<b>0.605</b>	0.050	11/18/2015	ND	1.58	79.1	2.00	16.1		
Total Xylenes*	<0.150	0.150	11/18/2015	ND	4.91	81.8	6.00	16.4		
<b>Total BTEX</b>	<b>0.605</b>	0.300	11/18/2015	ND						

Surrogate: 4-Bromofluorobenzene (PII) 206 % 73.6-140

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>64.0</b>	16.0	11/16/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<100	100	11/14/2015	ND	198	99.2	200	6.08		
<b>DRO &gt;C10-C28</b>	<b>4100</b>	100	11/14/2015	ND	207	103	200	5.76		
<b>EXT DRO &gt;C28-C35</b>	<b>908</b>	100	11/14/2015	ND						

Surrogate: 1-Chlorooctane 125 % 35-147

Surrogate: 1-Chlorooctadecane 170 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 CHRIS HAUGSTAD  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/13/2015	Sampling Date:	11/12/2015
Reported:	11/20/2015	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

**Sample ID: SP3-4 (H503012-14)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.200	0.200	11/18/2015	ND	1.64	82.2	2.00	16.6		
<b>Toluene*</b>	<b>0.472</b>	0.200	11/18/2015	ND	1.77	88.7	2.00	16.9		
<b>Ethylbenzene*</b>	<b>1.63</b>	0.200	11/18/2015	ND	1.58	79.1	2.00	16.1		
<b>Total Xylenes*</b>	<b>3.24</b>	0.600	11/18/2015	ND	4.91	81.8	6.00	16.4		
<b>Total BTEX</b>	<b>5.35</b>	1.20	11/18/2015	ND						

Surrogate: 4-Bromofluorobenzene (PII) 127 % 73.6-140

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>224</b>	16.0	11/16/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>305</b>	10.0	11/17/2015	ND	196	98.0	200	1.17		
<b>DRO &gt;C10-C28</b>	<b>1460</b>	10.0	11/17/2015	ND	196	98.2	200	1.00		
<b>EXT DRO &gt;C28-C35</b>	<b>202</b>	10.0	11/17/2015	ND						

Surrogate: 1-Chlorooctane 115 % 35-147

Surrogate: 1-Chlorooctadecane 118 % 28-171

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 CHRIS HAUGSTAD  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/13/2015	Sampling Date:	11/12/2015
Reported:	11/20/2015	Sampling Type:	Soil
Project Name:	WILL 693 PASTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

**Sample ID: SP3-6 (H503012-15)**

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	11/19/2015	ND	1.87	93.7	2.00	3.41		
Toluene*	<0.050	0.050	11/19/2015	ND	2.12	106	2.00	5.06		
Ethylbenzene*	<0.050	0.050	11/19/2015	ND	2.08	104	2.00	7.30		
<b>Total Xylenes*</b>	<b>0.223</b>	0.150	11/19/2015	ND	6.20	103	6.00	7.21		
Total BTEX	<0.300	0.300	11/19/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

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>864</b>	16.0	11/16/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>10.7</b>	10.0	11/17/2015	ND	196	98.0	200	1.17		
<b>DRO &gt;C10-C28</b>	<b>114</b>	10.0	11/17/2015	ND	196	98.2	200	1.00		
<b>EXT DRO &gt;C28-C35</b>	<b>19.5</b>	10.0	11/17/2015	ND						

Surrogate: 1-Chlorooctane 89.9 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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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