



October 01, 2015

CRISSY FORREST

SPHERE 3 ENVIRONMENTAL

1501 BILL OWENS PARKWAY

LONGVIEW, TX 75604

RE: SALT DRAW NO. 1 SPILL

Enclosed are the results of analyses for samples received by the laboratory on 09/25/15 8:02.

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:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/22/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B23 10'-15' (H502547-02)**

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	09/29/2015	ND	2.01	100	2.00	1.66		
Toluene*	<0.050	0.050	09/29/2015	ND	1.72	86.0	2.00	1.99		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.67	83.3	2.00	2.07		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.21	86.9	6.00	2.16		
Total BTEX	<0.300	0.300	09/29/2015	ND						

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

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	09/28/2015	ND	162	81.2	200	0.860		
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	179	89.4	200	4.51		

Surrogate: 1-Chlorooctane 65.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 72.9 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/22/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B23 20'-25' (H502547-03)**

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	09/29/2015	ND	2.01	100	2.00	1.66		
Toluene*	<0.050	0.050	09/29/2015	ND	1.72	86.0	2.00	1.99		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.67	83.3	2.00	2.07		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.21	86.9	6.00	2.16		
Total BTEX	<0.300	0.300	09/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

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	09/28/2015	ND	162	81.2	200	0.860		
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	179	89.4	200	4.51		

Surrogate: 1-Chlorooctane 73.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 79.6 % 52.1-176

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 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/22/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B24 10'-15' (H502547-05)**

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	09/29/2015	ND	2.01	100	2.00	1.66		
Toluene*	<0.050	0.050	09/29/2015	ND	1.72	86.0	2.00	1.99		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.67	83.3	2.00	2.07		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.21	86.9	6.00	2.16		
Total BTEX	<0.300	0.300	09/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 85.6-137

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	09/28/2015	ND	162	81.2	200	0.860		
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	179	89.4	200	4.51		

Surrogate: 1-Chlorooctane 75.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 83.7 % 52.1-176

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 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
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 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/22/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B24 20'-25' (H502547-06)**

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	09/29/2015	ND	2.01	100	2.00	1.66	
Toluene*	<0.050	0.050	09/29/2015	ND	1.72	86.0	2.00	1.99	
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.67	83.3	2.00	2.07	
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.21	86.9	6.00	2.16	
Total BTEX	<0.300	0.300	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

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	09/28/2015	ND	162	81.2	200	0.860	
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	179	89.4	200	4.51	

Surrogate: 1-Chlorooctane 68.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 76.9 % 52.1-176

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 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/22/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B25 0'-5' (H502547-07)**

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	09/29/2015	ND	2.01	100	2.00	1.66		
Toluene*	<0.050	0.050	09/29/2015	ND	1.72	86.0	2.00	1.99		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.67	83.3	2.00	2.07		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.21	86.9	6.00	2.16		
Total BTEX	<0.300	0.300	09/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

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	09/28/2015	ND	162	81.2	200	0.860		
<b>DRO &gt;C10-C28</b>	<b>335</b>	10.0	09/28/2015	ND	179	89.4	200	4.51		

Surrogate: 1-Chlorooctane 77.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 95.9 % 52.1-176

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 1501 BILL OWENS PARKWAY  
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 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/22/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B25 20'-25' (H502547-08)**

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	09/29/2015	ND	2.01	100	2.00	1.66		
Toluene*	<0.050	0.050	09/29/2015	ND	1.72	86.0	2.00	1.99		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.67	83.3	2.00	2.07		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.21	86.9	6.00	2.16		
Total BTEX	<0.300	0.300	09/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

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	09/28/2015	ND	162	81.2	200	0.860		
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	179	89.4	200	4.51		

Surrogate: 1-Chlorooctane 79.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 80.1 % 52.1-176

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**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/23/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B29 5'-10' (H502547-15)**

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	09/29/2015	ND	2.01	100	2.00	1.66		
Toluene*	<0.050	0.050	09/29/2015	ND	1.72	86.0	2.00	1.99		
<b>Ethylbenzene*</b>	<b>0.129</b>	0.050	09/29/2015	ND	1.67	83.3	2.00	2.07		
<b>Total Xylenes*</b>	<b>0.399</b>	0.150	09/29/2015	ND	5.21	86.9	6.00	2.16		
<b>Total BTEX</b>	<b>0.528</b>	0.300	09/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 170 % 85.6-137

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	09/28/2015	ND	162	81.2	200	0.860		
<b>DRO &gt;C10-C28</b>	<b>69.6</b>	10.0	09/28/2015	ND	179	89.4	200	4.51		

Surrogate: 1-Chlorooctane 79.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 84.6 % 52.1-176

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 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/23/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B29 55'-60' (H502547-17)**

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	09/29/2015	ND	2.01	100	2.00	1.66		
Toluene*	<0.050	0.050	09/29/2015	ND	1.72	86.0	2.00	1.99		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.67	83.3	2.00	2.07		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.21	86.9	6.00	2.16		
Total BTEX	<0.300	0.300	09/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 85.6-137

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	09/28/2015	ND	162	81.2	200	0.860		
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	179	89.4	200	4.51		

Surrogate: 1-Chlorooctane 72.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 77.1 % 52.1-176

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 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/23/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B30 0'-5' (H502547-18)**

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	09/29/2015	ND	2.01	100	2.00	1.66		
Toluene*	<0.050	0.050	09/29/2015	ND	1.72	86.0	2.00	1.99		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.67	83.3	2.00	2.07		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.21	86.9	6.00	2.16		
Total BTEX	<0.300	0.300	09/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 85.6-137

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	09/28/2015	ND	162	81.2	200	0.860		
<b>DRO &gt;C10-C28</b>	<b>115</b>	10.0	09/28/2015	ND	179	89.4	200	4.51		

Surrogate: 1-Chlorooctane 75.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 94.3 % 52.1-176

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 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
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 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/23/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B30 5'-10' (H502547-19)**

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	09/29/2015	ND	2.06	103	2.00	0.0999		
Toluene*	<0.050	0.050	09/29/2015	ND	1.77	88.4	2.00	1.02		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.69	84.5	2.00	1.55		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.31	88.4	6.00	0.585		
Total BTEX	<0.300	0.300	09/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

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	09/28/2015	ND	162	81.2	200	0.860		
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	179	89.4	200	4.51		

Surrogate: 1-Chlorooctane 75.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 84.7 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/23/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B31 5'-10' (H502547-21)**

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	09/29/2015	ND	2.06	103	2.00	0.0999	
<b>Toluene*</b>	<b>0.059</b>	0.050	09/29/2015	ND	1.77	88.4	2.00	1.02	
<b>Ethylbenzene*</b>	<b>0.215</b>	0.050	09/29/2015	ND	1.69	84.5	2.00	1.55	
<b>Total Xylenes*</b>	<b>1.31</b>	0.150	09/29/2015	ND	5.31	88.4	6.00	0.585	
<b>Total BTEX</b>	<b>1.59</b>	0.300	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 147 % 85.6-137

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>52.1</b>	10.0	09/28/2015	ND	162	81.2	200	0.860	
<b>DRO &gt;C10-C28</b>	<b>762</b>	10.0	09/28/2015	ND	179	89.4	200	4.51	

Surrogate: 1-Chlorooctane 79.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 85.3 % 52.1-176

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**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/23/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B31 10'-15' (H502547-22)**

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	09/29/2015	ND	2.06	103	2.00	0.0999	
Toluene*	<0.050	0.050	09/29/2015	ND	1.77	88.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.69	84.5	2.00	1.55	
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.31	88.4	6.00	0.585	
Total BTEX	<0.300	0.300	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

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	09/28/2015	ND	162	81.2	200	0.860	
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	179	89.4	200	4.51	

Surrogate: 1-Chlorooctane 66.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 74.5 % 52.1-176

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**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/23/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B32 10'-15' (H502547-24)**

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	09/29/2015	ND	2.06	103	2.00	0.0999	
Toluene*	<0.050	0.050	09/29/2015	ND	1.77	88.4	2.00	1.02	
<b>Ethylbenzene*</b>	<b>0.780</b>	0.050	09/29/2015	ND	1.69	84.5	2.00	1.55	
<b>Total Xylenes*</b>	<b>0.594</b>	0.150	09/29/2015	ND	5.31	88.4	6.00	0.585	
<b>Total BTEX</b>	<b>1.37</b>	0.300	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 85.6-137

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>20.9</b>	10.0	09/28/2015	ND	162	81.2	200	0.860	
<b>DRO &gt;C10-C28</b>	<b>251</b>	10.0	09/28/2015	ND	179	89.4	200	4.51	

Surrogate: 1-Chlorooctane 73.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 79.9 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/23/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B32 15'-20' (H502547-25)**

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	09/29/2015	ND	2.06	103	2.00	0.0999	
Toluene*	<0.050	0.050	09/29/2015	ND	1.77	88.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.69	84.5	2.00	1.55	
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.31	88.4	6.00	0.585	
Total BTEX	<0.300	0.300	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 85.6-137

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	09/28/2015	ND	162	81.2	200	0.860	
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	179	89.4	200	4.51	

Surrogate: 1-Chlorooctane 73.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 81.0 % 52.1-176

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**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/23/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B33 10'-15' (H502547-27)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	09/29/2015	ND	2.06	103	2.00	0.0999	
<b>Toluene*</b>	<b>0.328</b>	0.100	09/29/2015	ND	1.77	88.4	2.00	1.02	
<b>Ethylbenzene*</b>	<b>0.384</b>	0.100	09/29/2015	ND	1.69	84.5	2.00	1.55	
<b>Total Xylenes*</b>	<b>2.33</b>	0.300	09/29/2015	ND	5.31	88.4	6.00	0.585	
<b>Total BTEX</b>	<b>3.04</b>	0.600	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 85.6-137

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>213</b>	10.0	09/28/2015	ND	162	81.2	200	0.860	
<b>DRO &gt;C10-C28</b>	<b>1880</b>	10.0	09/28/2015	ND	179	89.4	200	4.51	

Surrogate: 1-Chlorooctane 84.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 94.7 % 52.1-176

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**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/23/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B33 15'-20' (H502547-28)**

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	09/29/2015	ND	2.06	103	2.00	0.0999		
Toluene*	<0.050	0.050	09/29/2015	ND	1.77	88.4	2.00	1.02		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.69	84.5	2.00	1.55		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.31	88.4	6.00	0.585		
Total BTEX	<0.300	0.300	09/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 85.6-137

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	09/28/2015	ND	162	81.2	200	0.860		
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	179	89.4	200	4.51		

Surrogate: 1-Chlorooctane 68.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 74.9 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B34 10'-15' (H502547-30)**

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>0.060</b>	0.050	09/29/2015	ND	2.06	103	2.00	0.0999	
<b>Toluene*</b>	<b>0.104</b>	0.050	09/29/2015	ND	1.77	88.4	2.00	1.02	
<b>Ethylbenzene*</b>	<b>0.749</b>	0.050	09/29/2015	ND	1.69	84.5	2.00	1.55	
<b>Total Xylenes*</b>	<b>0.433</b>	0.150	09/29/2015	ND	5.31	88.4	6.00	0.585	
<b>Total BTEX</b>	<b>1.35</b>	0.300	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 167 % 85.6-137

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>27.8</b>	10.0	09/28/2015	ND	162	81.2	200	0.860	
<b>DRO &gt;C10-C28</b>	<b>338</b>	10.0	09/28/2015	ND	179	89.4	200	4.51	

Surrogate: 1-Chlorooctane 78.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 86.9 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B34 25'-30' (H502547-31)**

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	09/29/2015	ND	2.06	103	2.00	0.0999	
Toluene*	<0.050	0.050	09/29/2015	ND	1.77	88.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.69	84.5	2.00	1.55	
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.31	88.4	6.00	0.585	
Total BTEX	<0.300	0.300	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

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	09/28/2015	ND	167	83.4	200	1.12	
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	184	92.0	200	0.108	

Surrogate: 1-Chlorooctane 76.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 82.7 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B35 5'-10' (H502547-33)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>1.04</b>	0.100	09/29/2015	ND	2.06	103	2.00	0.0999	
<b>Toluene*</b>	<b>5.60</b>	0.100	09/29/2015	ND	1.77	88.4	2.00	1.02	
<b>Ethylbenzene*</b>	<b>7.07</b>	0.100	09/29/2015	ND	1.69	84.5	2.00	1.55	
<b>Total Xylenes*</b>	<b>20.0</b>	0.300	09/29/2015	ND	5.31	88.4	6.00	0.585	
<b>Total BTEX</b>	<b>33.7</b>	0.600	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 85.6-137

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>250</b>	10.0	09/28/2015	ND	167	83.4	200	1.12	
<b>DRO &gt;C10-C28</b>	<b>998</b>	10.0	09/28/2015	ND	184	92.0	200	0.108	

Surrogate: 1-Chlorooctane 92.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 85.7 % 52.1-176

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B35 20'-25' (H502547-34)**

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	09/29/2015	ND	2.06	103	2.00	0.0999	
Toluene*	<0.050	0.050	09/29/2015	ND	1.77	88.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.69	84.5	2.00	1.55	
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.31	88.4	6.00	0.585	
Total BTEX	<0.300	0.300	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 85.6-137

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	09/28/2015	ND	167	83.4	200	1.12	
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	184	92.0	200	0.108	

Surrogate: 1-Chlorooctane 73.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 82.1 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B36 5'-10' (H502547-36)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>20.0</b>	0.500	09/29/2015	ND	2.06	103	2.00	0.0999	
<b>Toluene*</b>	<b>8.98</b>	0.500	09/29/2015	ND	1.77	88.4	2.00	1.02	
<b>Ethylbenzene*</b>	<b>31.2</b>	0.500	09/29/2015	ND	1.69	84.5	2.00	1.55	
<b>Total Xylenes*</b>	<b>147</b>	1.50	09/29/2015	ND	5.31	88.4	6.00	0.585	
<b>Total BTEX</b>	<b>207</b>	3.00	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 85.6-137

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>1220</b>	10.0	09/28/2015	ND	167	83.4	200	1.12	
<b>DRO &gt;C10-C28</b>	<b>2650</b>	10.0	09/28/2015	ND	184	92.0	200	0.108	

Surrogate: 1-Chlorooctane 118 % 47.2-157

Surrogate: 1-Chlorooctadecane 100 % 52.1-176

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**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B36 20'-25' (H502547-37)**

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	09/29/2015	ND	2.06	103	2.00	0.0999	
Toluene*	<0.050	0.050	09/29/2015	ND	1.77	88.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.69	84.5	2.00	1.55	
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.31	88.4	6.00	0.585	
Total BTEX	<0.300	0.300	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

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	09/29/2015	ND	167	83.4	200	1.12	
<b>DRO &gt;C10-C28</b>	<b>10.7</b>	10.0	09/29/2015	ND	184	92.0	200	0.108	

Surrogate: 1-Chlorooctane 73.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 81.5 % 52.1-176

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**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B37 5'-10' (H502547-40)**

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>5.22</b>	0.500	09/29/2015	ND	2.06	103	2.00	0.0999	
<b>Toluene*</b>	<b>2.01</b>	0.500	09/29/2015	ND	1.77	88.4	2.00	1.02	
<b>Ethylbenzene*</b>	<b>10.8</b>	0.500	09/29/2015	ND	1.69	84.5	2.00	1.55	
<b>Total Xylenes*</b>	<b>40.4</b>	1.50	09/29/2015	ND	5.31	88.4	6.00	0.585	
<b>Total BTEX</b>	<b>58.4</b>	3.00	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 144 % 85.6-137

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>691</b>	10.0	09/29/2015	ND	167	83.4	200	1.12	
<b>DRO &gt;C10-C28</b>	<b>2100</b>	10.0	09/29/2015	ND	184	92.0	200	0.108	

Surrogate: 1-Chlorooctane 110 % 47.2-157

Surrogate: 1-Chlorooctadecane 94.8 % 52.1-176

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**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B37 25'-30' (H502547-41)**

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	09/29/2015	ND	2.06	103	2.00	0.0999		
Toluene*	<0.050	0.050	09/29/2015	ND	1.77	88.4	2.00	1.02		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.69	84.5	2.00	1.55		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.31	88.4	6.00	0.585		
Total BTEX	<0.300	0.300	09/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 85.6-137

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	09/29/2015	ND	167	83.4	200	1.12		
DRO >C10-C28	<10.0	10.0	09/29/2015	ND	184	92.0	200	0.108		

Surrogate: 1-Chlorooctane 71.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 80.6 % 52.1-176

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**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B38 20'-25' (H502547-43)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.452</b>	0.100	09/29/2015	ND	2.06	103	2.00	0.0999	
<b>Toluene*</b>	<b>2.11</b>	0.100	09/29/2015	ND	1.77	88.4	2.00	1.02	
<b>Ethylbenzene*</b>	<b>6.50</b>	0.100	09/29/2015	ND	1.69	84.5	2.00	1.55	
<b>Total Xylenes*</b>	<b>24.9</b>	0.300	09/29/2015	ND	5.31	88.4	6.00	0.585	
<b>Total BTEX</b>	<b>34.0</b>	0.600	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 85.6-137

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>249</b>	10.0	09/29/2015	ND	167	83.4	200	1.12	
<b>DRO &gt;C10-C28</b>	<b>1320</b>	10.0	09/29/2015	ND	184	92.0	200	0.108	

Surrogate: 1-Chlorooctane 98.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 92.3 % 52.1-176

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**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B38 25'-30' (H502547-44)**

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	09/29/2015	ND	2.06	103	2.00	0.0999	
Toluene*	<0.050	0.050	09/29/2015	ND	1.77	88.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.69	84.5	2.00	1.55	
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.31	88.4	6.00	0.585	
Total BTEX	<0.300	0.300	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 85.6-137

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	09/29/2015	ND	167	83.4	200	1.12	
DRO >C10-C28	<10.0	10.0	09/29/2015	ND	184	92.0	200	0.108	

Surrogate: 1-Chlorooctane 73.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 76.5 % 52.1-176

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**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B39 0'-5' (H502547-45)**

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	09/29/2015	ND	2.06	103	2.00	0.0999		
Toluene*	<0.050	0.050	09/29/2015	ND	1.77	88.4	2.00	1.02		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.69	84.5	2.00	1.55		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.31	88.4	6.00	0.585		
Total BTEX	<0.300	0.300	09/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

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	09/29/2015	ND	167	83.4	200	1.12		
DRO >C10-C28	<10.0	10.0	09/29/2015	ND	184	92.0	200	0.108		

Surrogate: 1-Chlorooctane 73.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 72.8 % 52.1-176

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 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B39 20'-25' (H502547-46)**

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	09/29/2015	ND	2.06	103	2.00	0.0999	
Toluene*	<0.050	0.050	09/29/2015	ND	1.77	88.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.69	84.5	2.00	1.55	
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.31	88.4	6.00	0.585	
Total BTEX	<0.300	0.300	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 85.6-137

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	09/29/2015	ND	167	83.4	200	1.12	
DRO >C10-C28	<10.0	10.0	09/29/2015	ND	184	92.0	200	0.108	

Surrogate: 1-Chlorooctane 73.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 81.1 % 52.1-176

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**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B40 15'-20' (H502547-48)**

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	09/29/2015	ND	2.06	103	2.00	0.0999	
<b>Toluene*</b>	<b>0.051</b>	0.050	09/29/2015	ND	1.77	88.4	2.00	1.02	
<b>Ethylbenzene*</b>	<b>0.221</b>	0.050	09/29/2015	ND	1.69	84.5	2.00	1.55	
<b>Total Xylenes*</b>	<b>0.799</b>	0.150	09/29/2015	ND	5.31	88.4	6.00	0.585	
<b>Total BTEX</b>	<b>1.07</b>	0.300	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 156 % 85.6-137

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>47.0</b>	10.0	09/29/2015	ND	167	83.4	200	1.12	
<b>DRO &gt;C10-C28</b>	<b>597</b>	10.0	09/29/2015	ND	184	92.0	200	0.108	

Surrogate: 1-Chlorooctane 86.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 96.4 % 52.1-176

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B40 20'-25' (H502547-49)**

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	09/29/2015	ND	2.09	105	2.00	1.94		
Toluene*	<0.050	0.050	09/29/2015	ND	1.79	89.4	2.00	1.29		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.73	86.7	2.00	0.686		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.40	90.0	6.00	0.480		
Total BTEX	<0.300	0.300	09/29/2015	ND						

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

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	09/29/2015	ND	167	83.4	200	1.12		
DRO >C10-C28	<10.0	10.0	09/29/2015	ND	184	92.0	200	0.108		

Surrogate: 1-Chlorooctane 69.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 77.0 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B41 0'-5' (H502547-50)**

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	09/29/2015	ND	2.09	105	2.00	1.94		
Toluene*	<0.050	0.050	09/29/2015	ND	1.79	89.4	2.00	1.29		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.73	86.7	2.00	0.686		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.40	90.0	6.00	0.480		
Total BTEX	<0.300	0.300	09/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

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	09/29/2015	ND	167	83.4	200	1.12		
DRO >C10-C28	<10.0	10.0	09/29/2015	ND	184	92.0	200	0.108		

Surrogate: 1-Chlorooctane 66.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 72.9 % 52.1-176

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 SPHERE 3 ENVIRONMENTAL  
 CRISSY FORREST  
 1501 BILL OWENS PARKWAY  
 LONGVIEW TX, 75604  
 Fax To: (903) 297-4675

Received:	09/25/2015	Sampling Date:	09/24/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	SALT DRAW NO. 1 SPILL	Sampling Condition:	Cool & Intact
Project Number:	047730.00	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: B41 15'-20' (H502547-51)**

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	09/29/2015	ND	2.09	105	2.00	1.94		
Toluene*	<0.050	0.050	09/29/2015	ND	1.79	89.4	2.00	1.29		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.73	86.7	2.00	0.686		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.40	90.0	6.00	0.480		
Total BTEX	<0.300	0.300	09/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

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	09/29/2015	ND	167	83.4	200	1.12		
DRO >C10-C28	<10.0	10.0	09/29/2015	ND	184	92.0	200	0.108		

Surrogate: 1-Chlorooctane 71.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 78.0 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

- 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 SM450Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report



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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1666

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: <u>Sphere 3</u>	P.O. #: <u>047730.00</u>
Project Manager: <u>Chris Forrest</u>	Company: <u>Sphere 3</u>
Address: <u>1501 Bill Owens Parkway</u>	Attn: <u>Sarve Struts</u>
City: <u>Longview</u>	Address:
State: <u>TX</u>	City:
Phone #: <u>903.297.4673</u>	State:
Fax #: <u>903.297-4675</u>	Zip:
Project #: <u>047730.00</u>	Project Owner:
Project Name: <u>Salt Draw 100.1</u>	Project Location: <u>Early Co. NM</u>
Sampler Name: <u>Christa Curlock</u>	FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	PRESERV.		SAMPLING					
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			ICE / COOL	OTHER :	DATE	TIME				
#5025417																				
#502557	B 23 0'-5'		CL																	

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Relinquished By: Christa Curlock  
Date: 9/15/15  
Time: 8:00a  
Received By: Spide Benson  
Date: \_\_\_\_\_  
Time: \_\_\_\_\_

Delivered By: (Circle One)  
Sampler - UPS - Bus - Other: \_\_\_\_\_  
Sample Condition:  
 Cool  Intact  
 Yes  No  
Checked By: \_\_\_\_\_  
Date: 1.20

REMARKS: email results  
Forrest @ sphere3env.com  
617-833-7016

*208*

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Sphere 3  
 Project Manager: Crosby Forrest  
 Address: 1601 Bill Owens Parkway  
 City: Longview State: TX Zip: 75604  
 Phone #: 903-297-4673 Fax #: 903-297-4675  
 Project #: 047730.00 Project Owner:  
 Project Name: Sq1t Draw 1001  
 Project Location: Easy, LB, DM  
 Sampler Name: Curt Surlock  
 P.O. #: 047730.00  
 Company: Sphere 3  
 Attn: Sachie Sturt's  
 Address:  
 City:  
 State: Zip:  
 Phone #:  
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
#502547	B 23 10'-15'		1			X				9-22-15 11:05 AM	TPH	
#502547	B 23 20'-25'		1			X				9-22-15 11:30 AM	BIEX	
	B 24 0'-5'		1			X				9-22-15 12:00 PM	HOLD	
	B 24 10'-15'		1			X				9-22-15 12:15 PM	HOLD	
	B 24 20'-25'		1			X				9-22-15 2:15 PM	HOLD	
	B 25 0'-5'		1			X				9-22-15 2:55 PM	HOLD	
	B 25 20'-25'		1			X				9-22-15 3:15 PM	HOLD	
	B 26 0'-5'		1			X				9-22-15 3:25 PM	HOLD	
	B 26 5'-10'		1			X				9-22-15 3:40 PM	HOLD	
	B 26 10'-15'		1			X						

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Relinquished By: Curt Surlock Date: 9/22/15 Received By: Wade Henderson  
 Time: 8:02a  
 Delivered By: (Circle One) UPS - UPS - Bus - Other: 1.20  
 Sample Condition: Cool  Infract  Yes  No  
 CHECKED BY: [Signature]  
 Phone Result:  Yes  No Add'l Phone #:  
 Fax Result:  Yes  No Add'l Fax #:  
 REMARKS: email results: Forrest@Sphere3env.com

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



# 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: **Sphere 3**  
 Project Manager: **Crissy Forrest**  
 Address: **1501 Bill Owens Parkway**  
 City: **Longview** State: **TX** Zip: **75004**  
 Phone #: **903-297-4675** Fax #: **903-297-4675**  
 Project #: **0217730.00** Project Owner:  
 Project Name: **Salt Draw 0.1**  
 Project Location: **Eady Co., NM**  
 Sampler Name: **Clint Scuvlock**

P.O. #: **0217730.00**  
 Company: **Sphere 3**  
 Attn: **Suzanne Brents**  
 Address:  
 City:  
 State: Zip:  
 Phone #: Zip:  
 Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV			DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :			
H502547	12	B 27	0'-5'										9-22-15	4:00p	HOLD
H502547	13	B 27	5'-10'										9-22-15	4:10p	HOLD
H502547	14	B 29	0'-5'										9-23-15	9:00a	HOLD
	15	B 29	5'-10'										9-23-15	8:10a	HOLD
	16	B 29	35'-40'										9-23-15	10:30a	HOLD
	17	B 29	55'-60'										9-23-15	11:20a	HOLD
	18	B 30	0'-5'										9-23-15	2:25p	HOLD
	19	B 30	5'-10'										9-23-15	2:35p	HOLD
	20	B 31	0'-5'										9-23-15	4:35	HOLD
	21	B 31	5'-10'										9-23-15	5:05	HOLD

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Relinquished By: **Clint Scuvlock**  
 Date: **9/23/15**  
 Time: **8:02a**  
 Received By: **Suzanne Brents**  
 Date: **9/23/15**  
 Time:

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other: **1.2c**  
 Sample Condition:  Cool  Intact  
 Yes  No  
 CHECKED BY: **[Signature]**

Phone Result:  Yes  No Add'l Phone #:  
 Fax Result:  Yes  No Add'l Fax #:  
 REMARKS: **email results: Forrest@Sphere3env.com**

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Sphere 3  
 Project Manager: Crispy Forrest  
 Address: 1501 Bill Owens Parkway  
 City: Longview State: TX Zip: 75604  
 Phone #: 903-297-4673 Fax #: 903-297-4675  
 Project #: 04730.00 Project Owner:  
 Project Name: Salt Draw 10.1 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Project Location: Eddy Co. NM Phone #: \_\_\_\_\_  
 Sampler Name: Aunt Swirler Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	DRO/620	ERABOIS	BTEX	602/8020	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :								ACID/BASE:
<del>11502547</del>	08 31		1	X							9.23.15	5:15p	Y				
11502547	08 32		1	X							9.23.15	5:40p	Y				
08 32	10-15'		1	X							9.23.15	6:00p	Y				
08 32	15:20'		1	X							9.23.15	6:10p	Y				
08 32	0'-5'		1	X							9.23.15	6:50p	Y				
08 33	10-15'		1	X							9.23.15	7:10p	Y				
08 33	15:20'		1	X							9.23.15	7:20p	Y				
08 34	0'-5'		1	X							9.24.15	8:05A	Y				
08 34	10-15'		1	X							9.24.15	8:25A	Y				
08 34	25-30'		1	X							9.24.15	9:15A	Y				

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Relinquished By: Chet Swirler Date: 9/23/15 Received By: Spacie Henderson  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_

Delivered By: (Circle One) UPS 1.20  
 Sampler - UPS - Bus - Other: \_\_\_\_\_  
 Sample Condition:  Cool  Intact  
 Yes  No  Yes  No  
 CHECKED BY: [Signature]  
 REMARKS: email to Forrest@sphere3.env.com

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Sphere 3  
 Project Manager: Cressy Forrest  
 Address: 1501 Bill Owens Parkway  
 City: Longview State: TX Zip: 75604  
 Phone #: 903-297-4673 Fax #: 903-297-4675  
 Project #: 017730.00 Project Owner:  
 Project Name: Salt Draw Well  
 Project Location: Eddy Co. NM  
 Sampler Name: Curt Swerlock  
 P.O. #: 017730.00  
 Company: Sphere 3  
 Attn: Schwiberts  
 Address:  
 City:  
 State: Zip:  
 Phone #: Zip:  
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV	SAMPLING	DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H502547	B 35 0'-5'	C	1			X				1	9-24-15 9:54A		HOLD	TPH DROTHRO EPA 8015
H502547	B 35 5'-10'	C	1			X				1	9-24-15 10:25		X	BTEX 602/8020
H502547	B 35 20'-25'	C	1			X				1	9-24-15 10:25		X	
	B 35 0'-5'	C	1			X				1	9-24-15 11:05		HOLD	
	B 35 5'-10'	C	1			X				1	9-24-15 11:10		X	
	B 35 10'-25'	C	1			X				1	9-24-15 11:40		X	
	B 35 25'-30'	C	1			X				1	9-24-15 11:58		HOLD	
	B 37 0'-5'	C	1			X				1	9-24-15 12:09		X	
	B 37 5'-10'	C	1			X				1	9-24-15 12:29		X	
	B 37 15'-20'	C	1			X				1	9-24-15 1:09P		X	

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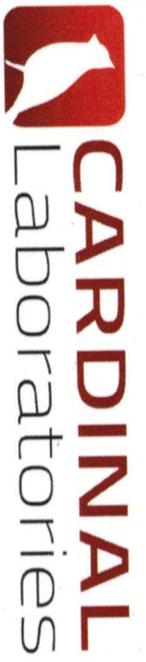
Relinquished By: Curt Swerlock  
 Date: 9/25/15  
 Time: 8:02a  
 Received By: Scott Swerlock  
 Date: 9/25/15  
 Time:

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other: 1.22  
 Sample Condition:  Cool  Intact  
 CHECKED BY: [Signature]

Phone Result:  Yes  No  Add'l Phone #:  
 Fax Result:  Yes  No  Add'l Fax #:  
 REMARKS:  
Email results  
Forrest@Sphere3env.com

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Sphere 3  
 Project Manager: Cissy Forrest  
 Address: 1501 Bill Owens Parkway  
 City: Longview State: TX Zip: 75604  
 Phone #: 903-247-4673 Fax #: 903-247-4675  
 Project #: 047730.00 Project Owner:  
 Project Name: Salt Draw 00.1  
 Project Location: Eddy Co. NM  
 Sampler Name: Curt Surlock  
 P.O. #: 047730.00  
 Company: Sphere 3  
 Attn: Sarah Scott  
 Address:  
 City:  
 State: Zip:  
 Phone #:  
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	REMARKS							
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:				ICE / COOL	OTHER :					
<del>H502547</del>																				
42	B 38	0-5' A	1									9-24-15	7:20P	HOLD						
43	B 38	15'-20' 20'-25'	1									9-24-15	2:50P	X						
44	B 38	25'-30'	1									9-24-15	3:00P	X						
45	B 39	0'-5'	1									9-24-15	8:40P	X						
46	B 39	20'-25'	1									9-24-15	4:20P	X						
47	B 40	0'-5'	1									9-24-15	5:00P	HOLD						
48	B 40	15'-20'	1									9-24-15	5:20P	X						
49	B 40	20'-25'	1									9-24-15	5:20P	X						
50	B 41	0'-5'	1									9-24-15	6:00P	X						
51	B 41	15'-20'	1									9-24-15	6:20P	X						

PLEASE NOTE: Liability and Damages: Cardinal's facility and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Curt Surlock Date: 9/24/15  
 Received By: Sarah Scott Date: 8/10/15  
 Relinquished By: Curt Surlock Time:  
 Received By: Sarah Scott Time:

Delivered By: (Circle One) UPS  
 Sampler - UPS - Bus - Other: 1.20  
 Sample Condition:  Cool  Intact  
 Yes  No  Yes  No  
 CHECKED BY: [Signature]  
 (Initials)

Phone Result:  Yes  No Add'l Phone #:  
 Fax Result:  Yes  No Add'l Fax #:  
 REMARKS:  
email results to  
Forrest@sphere3env.com

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 #521