



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

---

October 08, 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, flowing 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:	10/08/2015	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 0'-5' (H502547-01)**

BTX 8021B		mg/kg		Analyzed By: MS				I-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2015	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	10/07/2015	ND	1.90	95.2	2.00	2.19	
Ethylbenzene*	<0.050	0.050	10/07/2015	ND	1.61	80.3	2.00	1.41	
Total Xylenes*	<0.150	0.150	10/07/2015	ND	5.63	93.8	6.00	0.660	
Total BTX	<0.300	0.300	10/07/2015	ND					

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

TPH 8015M		mg/kg		Analyzed By: MS				I-03	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/07/2015	ND	213	107	200	1.91	
DRO >C10-C28	<10.0	10.0	10/07/2015	ND	239	119	200	2.32	

Surrogate: 1-Chlorooctane 107 % 47.2-157

Surrogate: 1-Chlorooctadecane 105 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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 0'-5' (H502547-04)**

BTEx 8021B		mg/kg		Analyzed By: MS				I-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2015	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	10/07/2015	ND	1.90	95.2	2.00	2.19	
Ethylbenzene*	<0.050	0.050	10/07/2015	ND	1.61	80.3	2.00	1.41	
Total Xylenes*	<0.150	0.150	10/07/2015	ND	5.63	93.8	6.00	0.660	
Total BTEX	<0.300	0.300	10/07/2015	ND					

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

TPH 8015M		mg/kg		Analyzed By: MS				I-03	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/07/2015	ND	213	107	200	1.91	
<b>DRO &gt;C10-C28</b>	<b>17.0</b>	10.0	10/07/2015	ND	239	119	200	2.32	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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: B26 0'-5' (H502547-09)**

BTEx 8021B		mg/kg		Analyzed By: MS				I-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2015	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	10/07/2015	ND	1.90	95.2	2.00	2.19	
Ethylbenzene*	<0.050	0.050	10/07/2015	ND	1.61	80.3	2.00	1.41	
Total Xylenes*	<0.150	0.150	10/07/2015	ND	5.63	93.8	6.00	0.660	
Total BTEX	<0.300	0.300	10/07/2015	ND					

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

TPH 8015M		mg/kg		Analyzed By: MS				I-03	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/07/2015	ND	213	107	200	1.91	
DRO >C10-C28	<10.0	10.0	10/07/2015	ND	239	119	200	2.32	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 100 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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: B27 0'-5' (H502547-12)**

BTEx 8021B		mg/kg		Analyzed By: MS				I-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2015	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	10/07/2015	ND	1.90	95.2	2.00	2.19	
Ethylbenzene*	<0.050	0.050	10/07/2015	ND	1.61	80.3	2.00	1.41	
Total Xylenes*	<0.150	0.150	10/07/2015	ND	5.63	93.8	6.00	0.660	
Total BTEX	<0.300	0.300	10/07/2015	ND					

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

TPH 8015M		mg/kg		Analyzed By: MS				I-03	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/07/2015	ND	213	107	200	1.91	
DRO >C10-C28	<10.0	10.0	10/07/2015	ND	239	119	200	2.32	

Surrogate: 1-Chlorooctane 86.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 84.1 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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 0'-5' (H502547-14)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2015	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	10/07/2015	ND	1.90	95.2	2.00	2.19	
Ethylbenzene*	0.307	0.050	10/07/2015	ND	1.61	80.3	2.00	1.41	
Total Xylenes*	2.34	0.150	10/07/2015	ND	5.63	93.8	6.00	0.660	
Total BTEX	2.64	0.300	10/07/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	78.8	10.0	10/07/2015	ND	213	107	200	1.91	
DRO >C10-C28	632	10.0	10/07/2015	ND	239	119	200	2.32	

Surrogate: 1-Chlorooctane 113 % 47.2-157

Surrogate: 1-Chlorooctadecane 113 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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)**

BTX 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	
Ethylbenzene*	<b>0.129</b>	0.050	09/29/2015	ND	1.67	83.3	2.00	2.07	
Total Xylenes*	<b>0.399</b>	0.150	09/29/2015	ND	5.21	86.9	6.00	2.16	
Total BTX	<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	
DRO >C10-C28	<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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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	
DRO >C10-C28	115	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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 0'-5' (H502547-20)**

BTX 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	10/07/2015	ND	2.04	102	2.00	2.92	
<b>Toluene*</b>	<b>1.77</b>	0.050	10/07/2015	ND	1.90	95.2	2.00	2.19	
<b>Ethylbenzene*</b>	<b>6.92</b>	0.050	10/07/2015	ND	1.61	80.3	2.00	1.41	
<b>Total Xylenes*</b>	<b>29.3</b>	0.150	10/07/2015	ND	5.63	93.8	6.00	0.660	
<b>Total BTX</b>	<b>38.0</b>	0.300	10/07/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 154 % 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>246</b>	10.0	10/07/2015	ND	213	107	200	1.91	
<b>DRO &gt;C10-C28</b>	<b>1360</b>	10.0	10/07/2015	ND	239	119	200	2.32	

Surrogate: 1-Chlorooctane 112 % 47.2-157

Surrogate: 1-Chlorooctadecane 104 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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)**

BTX 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 BTX</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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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 0'-5' (H502547-23)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2015	ND	2.04	102	2.00	2.92		
Toluene*	<0.050	0.050	10/07/2015	ND	1.90	95.2	2.00	2.19		
Ethylbenzene*	0.165	0.050	10/07/2015	ND	1.61	80.3	2.00	1.41		
Total Xylenes*	1.30	0.150	10/07/2015	ND	5.63	93.8	6.00	0.660		
Total BTEX	1.47	0.300	10/07/2015	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
GRO C6-C10	16.2	10.0	10/07/2015	ND	213	107	200	1.91	
DRO >C10-C28	67.4	10.0	10/07/2015	ND	239	119	200	2.32	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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*	<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 BTX</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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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 0'-5' (H502547-26)**

BTEx 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2015	ND	2.04	102	2.00	2.92		
Toluene*	<0.050	0.050	10/07/2015	ND	1.90	95.2	2.00	2.19		
Ethylbenzene*	<0.050	0.050	10/07/2015	ND	1.61	80.3	2.00	1.41		
Total Xylenes*	<0.150	0.150	10/07/2015	ND	5.63	93.8	6.00	0.660		
Total BTEX	<0.300	0.300	10/07/2015	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	10/07/2015	ND	213	107	200	1.91		
DRO >C10-C28	<10.0	10.0	10/07/2015	ND	239	119	200	2.32		

Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 97.4 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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)**

BTX 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 BTX</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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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)**

BTX 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 BTX</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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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 0'-5' (H502547-32)**

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>1.67</b>	0.050	10/07/2015	ND	2.04	102	2.00	2.92	
<b>Toluene*</b>	<b>3.87</b>	0.050	10/07/2015	ND	1.90	95.2	2.00	2.19	
<b>Ethylbenzene*</b>	<b>1.83</b>	0.050	10/07/2015	ND	1.61	80.3	2.00	1.41	
<b>Total Xylenes*</b>	<b>18.0</b>	0.150	10/07/2015	ND	5.63	93.8	6.00	0.660	
<b>Total BTEX</b>	<b>25.4</b>	0.300	10/07/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 85.6-137

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>1660</b>	50.0	10/07/2015	ND	213	107	200	1.91		
<b>DRO &gt;C10-C28</b>	<b>13900</b>	50.0	10/07/2015	ND	239	119	200	2.32		

Surrogate: 1-Chlorooctane 189 % 47.2-157

Surrogate: 1-Chlorooctadecane 248 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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  
Reported: 10/08/2015  
Project Name: SALT DRAW NO. 1 SPILL  
Project Number: 047730.00  
Project Location: EDDY COUNTY, NM

Sampling Date: 09/24/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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 0'-5' (H502547-35)**

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>1.28</b>	0.050	10/07/2015	ND	2.04	102	2.00	2.92	
<b>Toluene*</b>	<b>6.66</b>	0.050	10/07/2015	ND	1.90	95.2	2.00	2.19	
<b>Ethylbenzene*</b>	<b>3.19</b>	0.050	10/07/2015	ND	1.61	80.3	2.00	1.41	
<b>Total Xylenes*</b>	<b>18.0</b>	0.150	10/07/2015	ND	5.63	93.8	6.00	0.660	
<b>Total BTEX</b>	<b>29.2</b>	0.300	10/07/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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>65.6</b>	10.0	10/07/2015	ND	213	107	200	1.91	
<b>DRO &gt;C10-C28</b>	<b>450</b>	10.0	10/07/2015	ND	239	119	200	2.32	

Surrogate: 1-Chlorooctane 97.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 105 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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)**

BTX 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 BTX</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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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 0'-5' (H502547-39)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2015	ND	2.04	102	2.00	2.92		
Toluene*	<0.050	0.050	10/07/2015	ND	1.90	95.2	2.00	2.19		
Ethylbenzene*	<0.050	0.050	10/07/2015	ND	1.61	80.3	2.00	1.41		
<b>Total Xylenes*</b>	<b>0.247</b>	0.150	10/07/2015	ND	5.63	93.8	6.00	0.660		
Total BTEX	<0.300	0.300	10/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	10/07/2015	ND	213	107	200	1.91		
DRO >C10-C28	1980	10.0	10/07/2015	ND	239	119	200	2.32		

Surrogate: 1-Chlorooctane 106 % 47.2-157

Surrogate: 1-Chlorooctadecane 148 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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)**

BTX 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 BTX</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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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) 297-4675Received: 09/25/2015  
Reported: 10/08/2015  
Project Name: SALT DRAW NO. 1 SPILL  
Project Number: 047730.00  
Project Location: EDDY COUNTY, NMSampling Date: 09/24/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson**Sample ID: B40 20'-25' (H502547-49)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	10/08/2015	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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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.
I-03	This result was extracted outside of the EPA recommended holding time of 14 days.
I-02	This result was analyzed outside of the EPA recommended holding time.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report



---

Celey D. Keene, Lab Director/Quality Manager



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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

154

Page 46 of 51





## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

270





## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

<b>Company Name:</b> Sphere 3 <b>Project Manager:</b> Crissy Forrest <b>Address:</b> 1501 Bill Owens Parkway <b>City:</b> Longview <b>State:</b> TX <b>Zip:</b> 75604 <b>Phone #:</b> 409.247.4675 <b>Fax #:</b> 409.247.4675 <b>Project #:</b> 021730.00 <b>Project Owner:</b> <b>Project Name:</b> Salt Draw 00.1 <b>Project Location:</b> Eady Co., NM <b>Sample Name:</b> Clint Scurock		<b>P.O. #:</b> 021730.00 <b>Company:</b> Sphere 3 <b>Attn:</b> Salve Bent <b>Address:</b> <b>City:</b> <b>State:</b> Zip: <b>Phone #:</b> <b>Fax #:</b>	
<b>BILL TO</b>			
<b>ANALYSIS REQUEST</b>			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	BTEX	TPH
H502547	B 27 0'-5'		1										9-22-15	4:00p	TPH	BTEX	TPH
H502557	B 27 5'-10'		1										9-22-15	4:10p	TPH	BTEX	TPH
	B 29 0'-5'		1										9-23-15	8:00p	TPH	BTEX	TPH
	B 29 5'-10'		1										9-23-15	8:10p	TPH	BTEX	TPH
	B 29 35'-40'		1										9-23-15	10:30p	TPH	BTEX	TPH
	B 29 55'-60'		1										9-23-15	11:20p	TPH	BTEX	TPH
	B 30 0'-5'		1										9-23-15	2:25p	TPH	BTEX	TPH
	B 30 5'-10'		1										9-23-15	2:35p	TPH	BTEX	TPH
	B 31 0'-5'		1										9-23-15	4:35	TPH	BTEX	TPH
	B 31 5'-10'		1										9-23-15	5:05	TPH	BTEX	TPH

<b>Relinquished By:</b> <i>Clint Scurock</i> <b>Date:</b> 9/23/15 <b>Time:</b> 8:02a <b>Received By:</b> <i>Salve Bent</i> <b>Date:</b> <b>Time:</b>		<b>Sample Condition</b> Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked By: <i>[Signature]</i>
---	--	--

<b>Delivered By:</b> (Circle One) Sample - UPS - Bus - Other: 1.2c	<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> <b>Add'l Fax #:</b>
--	--

REMARKS:  
 email results:  
 Forrest@Sphere3env.com





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: C. F. Forrester

Address: 1501 Bill Owens Highway

City: Longview State: TX Zip: 75604

Phone #: 903-247-4673 Fax #: 903-247-4675

Project #: 047730.00 Project Owner:

Project Name: Salt Draw RD. 1

Project Location: Eddy Co. NM

Sample Name: Aunt Swirlock

P.O. #: 047730.00

Company: Sphere 3

Attn: Sue Stevens

Address:

City:

State:

Zip:

Phone #:

FOR LAB USE ONLY

Sample I.D.

Lab I.D.  
#502547  
#502557

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH DRO/620 ERABOIS  
BTEx 602/8020

BTEx, TPH

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

170 LD

Relinquished By:

C. F. Forrester

Received By:

Sue Stevens

Date:

Time:

Date:

Time:

Date:

Time:

Date:

Time:

Date:

Time:

Date:

Time:

Date:

Time:

Date:

Time:

Date:

Time:

Date:

Time:

Date:

Time:

Date:

Time:

Date:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

1.20

Sample Condition  
Cool ☒ Intact ☒  
Yes ☒ No ☒

CHECKED BY: (Initials)

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

REMARKS:

email to

Forrester@Sphere3.com





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ANALYSIS REQUEST

BILL TO

Company Name: Sphere 3

Project Manager: Crosby Forrest

Address: 1501 Bill Owens Parkway

City: Englewood State: TX Zip: 75004

Phone #: 903-297-4673 Fax #: 903-297-4675

Project #: 017780.00 Project Owner:

Project Name: Salt Draw Vol

Project Location: Early Co. NM

Sample Name: Cant Surber

P.O. #: 017780.00

Company: Sphere 3

Attn: Sawe bent

Address:

City:

State:

Zip:

Phone #:

Fax #:

MATRIX

PRESERV

SAMPLING

FOR LAB USE ONLY

Sample I.D.

(G)RAB OR (C)OMP.  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER :  
ACID/BASE:  
ICE / COOL  
OTHER :

DATE TIME

Lab I.D.

1502547

1502557

339

335

344

355

346

337

338

339

410

411

412

413

414

415

416

417

418

419

420

9:24:5

10:25

11:05

11:10

11:40

11:50

12:00

12:30

12:50

1:00

1:30

1:40

1:50

2:00

2:10

2:20

2:30

2:40

2:50

3:00

3:10

3:20

3:30

3:40

3:50

4:00

4:10

4:20

4:30

4:40

4:50

5:00

5:10

5:20

5:30

5:40

5:50

6:00

6:10

6:20

6:30

6:40

6:50

7:00

7:10

7:20

7:30

7:40

7:50

8:00

8:10

8:20

8:30

8:40

8:50

9:00

9:10

9:20

9:30

9:40

9:50

10:00

10:10

10:20

10:30

10:40

10:50

11:00

11:10

11:20

11:30

11:40

11:50

12:00

12:10

12:20

12:30

12:40

12:50

1:00

1:10

1:20

1:30

1:40

1:50

2:00

2:10

2:20

2:30

2:40

2:50

3:00

3:10

3:20

3:30

3:40

3:50

4:00

4:10

4:20

4:30

4:40

4:50

5:00

5:10

5:20

5:30

5:40

5:50

6:00

6:10

6:20

6:30

6:40

6:50

7:00

7:10

7:20

7:30

7:40

7:50

8:00

8:10

8:20

8:30

8:40

8:50

9:00

9:10

9:20

9:30

9:40

9:50

10:00

10:10

10:20

10:30

10:40

10:50

11:00

11:10

11:20

11:30

11:40

11:50

12:00

12:10

12:20

12:30

12:40

12:50

1:00

1:10

1:20

1:30

1:40

1:50

2:00

2:10

2:20

2:30

2:40

2:50

3:00

3:10

3:20

3:30

3:40

3:50

4:00

4:10

4:20

4:30

4:40

4:50

5:00

5:10

5:20

5:30

5:40

5:50

6:00

6:10

6:20

6:30

6:40

6:50

7:00

7:10

7:20

7:30

7:40

7:50

8:00

8:10

8:20

8:30

8:40

8:50

9:00

9:10

9:20

9:30

9:40

9:50

10:00

10:10

10:20

10:30

10:40

10:50

11:00

11:10

11:20

11:30

11:40

11:50

12:00

12:10

12:20

12:30

12:40

12:50

1:00

1:10

1:20

1:30

1:40

1:50

2:00

2:10

2:20

2:30

2:40

2:50

3:00

3:10

3:20

3:30

3:40

3:50

4:00

4:10

4:20

4:30

4:40

4:50

5:00

5:10

5:20

5:30

5:40

5:50

6:00

6:10

6:20

6:30

6:40

6:50

7:00

7:10

7:20

7:30

7:40

7:50

8:00

8:10

8:20

8:30

8:40

8:50

9:00

9:10

9:20

9:30

9:40

9:50

10:00

10:10

10:20

10:30

10:40

10:50

11:00

11:10

11:20

11:30

11:40

11:50

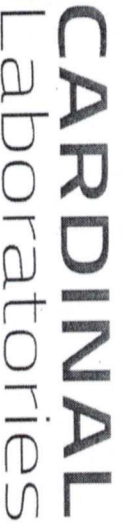
12:00

12:10

12:20

12:30





# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Sphere 3										BILL TO										ANALYSIS REQUEST									
Project Manager: Cissy Forrest										P.O. #: 04773000																			
Address: 1501 Bill Owens Parkway										Company: Sphere 3																			
City: Longview										Attn: Sachie Scott																			
Phone #: 409-247-4673										Address:																			
Project #: 047730.00										City:																			
Project Name: Salt Draw 00.1										State:																			
Project Location: Eday Lo. Dm										Phone #:																			
Sample Name: Curt Surber										Fax #:																			
FOR LAB USE ONLY										PRESERV										SAMPLING									
Lab I.D.										MATRIX																			
H502547										GROUNDWATER																			
H502557										WASTEWATER																			
										SOIL																			
										OIL																			
										SLUDGE																			
										OTHER :																			
										ACID/BASE:																			
										ICE / COOL																			
										OTHER :																			
										DATE										TIME									
42										X										9.24.15 7:20P									
43										X										9.24.15 2:50P									
44										X										9.24.15 3:00P									
45										X										9.24.15 3:40P									
46										X										9.24.15 4:20P									
47										X										9.24.15 5:00P									
48										X										9.24.15 5:20P									
49										X										9.24.15 5:30P									
50										X										9.24.15 6:00P									
51										X										9.24.15 6:20P									
52										X										9.24.15 6:40P									
53										X										9.24.15 7:00P									
54										X										9.24.15 7:20P									
55										X										9.24.15 7:40P									
56										X										9.24.15 8:00P									
57										X										9.24.15 8:20P									
58										X										9.24.15 8:40P									
59										X										9.24.15 9:00P									
60										X										9.24.15 9:20P									
61										X										9.24.15 9:40P									
62										X										9.24.15 10:00P									
63										X										9.24.15 10:20P									
64										X										9.24.15 10:40P									
65										X										9.24.15 11:00P									
66										X										9.24.15 11:20P									
67										X										9.24.15 11:40P									
68										X										9.24.15 12:00P									
69										X										9.24.15 12:20P									
70										X										9.24.15 12:40P									
71										X										9.24.15 1:00P									
72										X										9.24.15 1:20P									
73										X										9.24.15 1:40P									
74										X										9.24.15 2:00P									
75										X										9.24.15 2:20P									
76										X										9.24.15 2:40P									
77										X										9.24.15 3:00P									
78										X										9.24.15 3:20P									
79										X										9.24.15 3:40P									
80										X										9.24.15 4:00P									
81										X										9.24.15 4:20P									
82										X										9.24.15 4:40P									
83										X										9.24.15 5:00P									
84										X										9.24.15 5:20P									
85										X										9.24.15 5:40P									
86										X										9.24.15 6:00P									
87										X										9.24.15 6:20P									
88										X										9.24.15 6:40P									
89										X										9.24.15 7:00P									
90										X										9.24.15 7:20P									
91										X										9.24.15 7:40P									
92										X										9.24.15 8:00P									
93										X										9.24.15 8:20P									
94										X										9.24.15 8:40P									
95										X										9.24.15 9:00P									
96										X										9.24.15 9:20P									
97										X										9.24.15 9:40P									
98										X										9.24.15 10:00P									
99										X										9.24.15 10:20P									
100										X										9.24.15 10:40P									
101										X										9.24.15 11:00P									
102										X										9.24.15 11:20P									
103										X										9.24.15 11:40P									
104										X										9.24.15 12:00P									
105										X										9.24.15 12:20P									
106										X										9.24.15 12:40P									
107										X										9.24.15 1:00P									
108										X										9.24.15 1:20P									
109										X										9.24.15 1:40P									
110										X										9.24.15 2:00P									