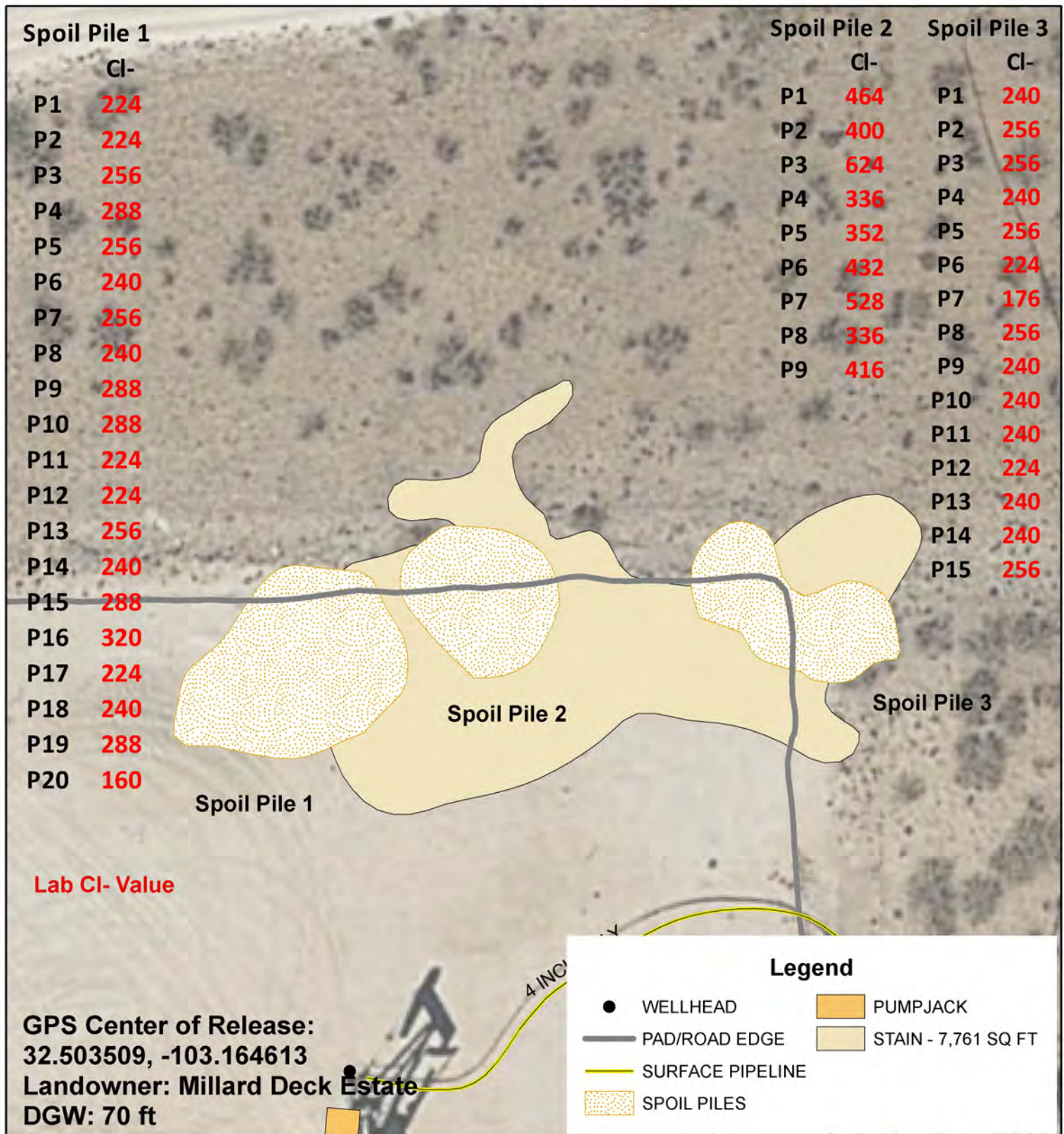


Spoil Pile Samples

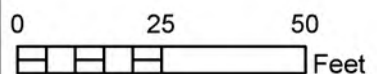
1RP-3383



APACHE SOUTHLAND ROYALTY A 26

UL W SECTION 4
T-21-S R-37-E
LEA COUNTY, NM

Figure 1



GPS date: 3/31/15 KH, KS
Drawing date: 4/1/15
Drafted by: L. Weinheimer



RECEIVED

By OCD; Dr. Oberding at 10:21 am, Apr 14, 2015



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

April 02, 2015

KODY CULVER

DIVERSIFIED FIELD SERVICES, INC.

P. O. BOX 5966

HOBBS, NM 88241

RE: SOUTHLAND ROYALTY A-26

Enclosed are the results of analyses for samples received by the laboratory on 04/01/15 12:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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:

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

Received:	04/01/2015	Sampling Date:	03/31/2015
Reported:	04/02/2015	Sampling Type:	Soil
Project Name:	SOUTHLAND ROYALTY A-26	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PILE 1 PT. 1 (H500871-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 1 PT. 2 (H500871-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 1 PT. 3 (H500871-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 1 PT. 4 (H500871-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/01/2015	ND	416	104	400	0.00	

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:

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

Received:	04/01/2015	Sampling Date:	03/31/2015
Reported:	04/02/2015	Sampling Type:	Soil
Project Name:	SOUTHLAND ROYALTY A-26	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PILE 1 PT. 5 (H500871-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	04/01/2015	ND	416	104	400	0.00		

Sample ID: PILE 1 PT. 6 (H500871-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 1 PT. 7 (H500871-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 1 PT. 8 (H500871-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 1 PT. 9 (H500871-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/01/2015	ND	416	104	400	0.00	

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:

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

Received:	04/01/2015	Sampling Date:	03/31/2015
Reported:	04/02/2015	Sampling Type:	Soil
Project Name:	SOUTHLAND ROYALTY A-26	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PILE 1 PT. 10 (H500871-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 1 PT. 11 (H500871-11)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 1 PT. 12 (H500871-12)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 1 PT. 13 (H500871-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 1 PT. 14 (H500871-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/01/2015	ND	416	104	400	0.00	

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:

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

Received:	04/01/2015	Sampling Date:	03/31/2015
Reported:	04/02/2015	Sampling Type:	Soil
Project Name:	SOUTHLAND ROYALTY A-26	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PILE 1 PT. 15 (H500871-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 1 PT. 16 (H500871-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 1 PT. 17 (H500871-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 1 PT. 18 (H500871-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 1 PT. 19 (H500871-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/01/2015	ND	416	104	400	0.00	

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:

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

Received:	04/01/2015	Sampling Date:	03/31/2015
Reported:	04/02/2015	Sampling Type:	Soil
Project Name:	SOUTHLAND ROYALTY A-26	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PILE 1 PT. 20 (H500871-20)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/01/2015	ND	416	104	400	0.00		

Sample ID: PILE 2 PT. 1 (H500871-21)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 2 PT. 2 (H500871-22)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 2 PT. 3 (H500871-23)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 2 PT. 4 (H500871-24)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/01/2015	ND	416	104	400	0.00	

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:

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

Received:	04/01/2015	Sampling Date:	03/31/2015
Reported:	04/02/2015	Sampling Type:	Soil
Project Name:	SOUTHLAND ROYALTY A-26	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PILE 2 PT. 5 (H500871-25)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	04/01/2015	ND	416	104	400	0.00		

Sample ID: PILE 2 PT. 6 (H500871-26)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	04/01/2015	ND	416	104	400	0.00		

Sample ID: PILE 2 PT. 7 (H500871-27)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 2 PT. 8 (H500871-28)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 2 PT. 9 (H500871-29)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	04/01/2015	ND	416	104	400	0.00		

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:

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

Received:	04/01/2015	Sampling Date:	03/31/2015
Reported:	04/02/2015	Sampling Type:	Soil
Project Name:	SOUTHLAND ROYALTY A-26	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PILE 2 PT. 10 (H500871-30)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	04/01/2015	ND	416	104	400	0.00		

Sample ID: PILE 3 PT. 1 (H500871-31)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/01/2015	ND	416	104	400	0.00	

Sample ID: PILE 3 PT. 2 (H500871-32)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	04/01/2015	ND	416	104	400	0.00		

Sample ID: PILE 3 PT. 3 (H500871-33)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/01/2015	ND	400	100	400	3.92	

Sample ID: PILE 3 PT. 4 (H500871-34)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/01/2015	ND	400	100	400	3.92	

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:

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

Received:	04/01/2015	Sampling Date:	03/31/2015
Reported:	04/02/2015	Sampling Type:	Soil
Project Name:	SOUTHLAND ROYALTY A-26	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PILE 3 PT. 5 (H500871-35)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	04/01/2015	ND	400	100	400	3.92		

Sample ID: PILE 3 PT. 6 (H500871-36)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/01/2015	ND	400	100	400	3.92	

Sample ID: PILE 3 PT. 7 (H500871-37)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/01/2015	ND	400	100	400	3.92	

Sample ID: PILE 3 PT. 8 (H500871-38)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/01/2015	ND	400	100	400	3.92	

Sample ID: PILE 3 PT. 9 (H500871-39)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/01/2015	ND	400	100	400	3.92	

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:

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

Received:	04/01/2015	Sampling Date:	03/31/2015
Reported:	04/02/2015	Sampling Type:	Soil
Project Name:	SOUTHLAND ROYALTY A-26	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PILE 3 PT. 10 (H500871-40)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/01/2015	ND	400	100	400	3.92	

Sample ID: PILE 3 PT. 11 (H500871-41)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/01/2015	ND	400	100	400	3.92	

Sample ID: PILE 3 PT. 12 (H500871-42)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/01/2015	ND	400	100	400	3.92	

Sample ID: PILE 3 PT. 13 (H500871-43)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/01/2015	ND	400	100	400	3.92	

Sample ID: PILE 3 PT. 14 (H500871-44)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/01/2015	ND	400	100	400	3.92	

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:

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

Received:	04/01/2015	Sampling Date:	03/31/2015
Reported:	04/02/2015	Sampling Type:	Soil
Project Name:	SOUTHLAND ROYALTY A-26	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PILE 3 PT. 15 (H500871-45)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/01/2015	ND	400	100	400	3.92	

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

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

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



101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

RUSH!!

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Diversified</u>				Project Manager: <u>Kody Culver</u>				Address:				City: Hobbs State: NM Zip: 88240				Phone #: Fax #:				Project #: Project Owner:				Project Name:				Project Location: <u>South Land Royalty A-26</u>				Sampler Name: <u>Kyle Humphrey</u>				FOR LAB USE ONLY							
Lab I.D.				Sample I.D.				(G)RAB OR (C)OMP. # CONTAINERS				MATRIX				PRESERV.				SAMPLING				DATE				TIME															
								GROUNDWATER				WASTEWATER				SOIL				SLUDGE				OTHER:				ACID/BASE:				ICE / COOL				OTHER:							
<u>H500871</u>																																											
1 P1LP1 P+1				6 1																												3-21-15 9:00				/							
2 P1LP1 P+2				6 1																																9:05				/			
3 P1LP1 P+3				6 1																																9:10				/			
4 P1LP1 P+4				6 1																																9:15				/			
5 P1LP1 P+5				6 1																																9:20				/			
6 P1LP1 P+6				6 1																																9:25				/			
7 P1LP1 P+7				6 1																																9:30				/			
8 P1LP1 P+8				6 1																																9:35				/			
9 P1LP1 P+9				6 1																																9:40				/			
10 P1LP1 P+10				6 1																																9:45				/			

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 the client for the 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 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Kyle Humphrey		Date: 4/1/15	Received By: Jodi Benson	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Time: 12:45				Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By:	REMARKS: KCULVR @ DIVERSIFIED/SI.COM	
Time:				email: hconder@riceswd.com; lflores@rice-ecs.com;	
Delivered By: (Circle One)		Sample Condition	CHECKED BY: [Signature]	lweinheimer@rice-ecs.com; knorman@rice-ecs.com;	
Sampler - UPS - Bus - Other:		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		jkamplain@rice-ecs.com; sedwards@rice-ecs.com;	
18°C		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		cursanic@rice-ecs.com	
		<input type="checkbox"/> No <input checked="" type="checkbox"/> No		Environmental Tech: @rice-ecs.com	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54



101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>DUPES / PIP</u>										BILL TO		ANALYSIS REQUEST										
Project Manager: <u>Kody CULVER</u>										P.O. #:		Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS					
Address:										Company:												
City: Hobbs State: NM Zip: 88240										Attn:												
Phone #: Fax #:										Address:												
Project #: Project Owner:										City:												
Project Name:										State: Zip:												
Project Location: <u>South Land Royalty A-26</u>										Phone #:												
Sampler Name: <u>Kyle Humphrey</u>										Fax #:												
FOR LAB USE ONLY																						
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						
<u>H500871</u>																						
11	P16P1	P+11	6	1				/				/	/		5-21-15	9:50	/					
12	P16P1	P+12	6	1				/				/	/			9:55	/					
13	P16P1	P+13	6	1				/				/	/			10:00	/					
14	P16P1	P+14	6	1				/				/	/			10:05	/					
15	P16P1	P+15	6	1				/				/	/			10:10	/					
16	P16P1	P+16	6	1				/				/	/			10:15	/					
17	P16P1	P+17	6	1				/				/	/			10:20	/					
18	P16P1	P+18	6	1				/				/	/			10:25	/					
19	P16P1	P+19	6	1				/				/	/			10:30	/					
20	P16P1	P+20	6	1				/				/	/			10:35	/					

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 the client for the 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 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:		Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
KYLE HUNTER		4/1/15	Jodi Henson	Fax Result:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By:	REMARKS:		
		12:45	Jodi Henson	K CULVER@DIVASIAARDSI.COM		
Delivered By: (Circle One)		Time:	Sample Condition	email: hconder@riceswd.com; lflores@rice-ecs.com;		
Sampler - UPS - Bus - Other:			Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	lweinheimer@rice-ecs.com; knorman@rice-ecs.com;		
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	jkamplain@rice-ecs.com; sedwards@rice-ecs.com;		
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	cursanic@rice-ecs.com		
				Environmental Tech: @rice-ecs.com		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>DIVERSIFIED</u>				BILL TO				ANALYSIS REQUEST																			
Project Manager: <u>KODY CULVER</u>				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div>Chlorides</div> <div>TPH 8015 M</div> <div>BTEX</div> <div>Texas TPH</div> <div>Complete Cations/Anions</div> <div>TDS</div> </div>																			
Address:				Company:																							
City: Hobbs State: NM Zip: 88240				Attn:																							
Phone #: Fax #:				Address:																							
Project #: Project Owner:				City:																							
Project Name:				State: Zip:																							
Project Location: <u>South Land Royalty A-26</u>				Phone #:																							
Sampler Name: <u>Kyle Humphrey</u>				Fax #:																							
FOR LAB USE ONLY																											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING													
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				ACID/BASE: ICE / COOL OTHER:		DATE TIME													
<u>H500871</u>																											
<u>21</u>		<u>PILP 2</u>		<u>P+1</u>		<u>6</u>								<u>10:15</u>													
<u>22</u>		<u>PILP 2</u>		<u>P+2</u>		<u>6</u>								<u>10:15</u>													
<u>23</u>		<u>PILP 2</u>		<u>P+3</u>		<u>6</u>								<u>10:50</u>													
<u>24</u>		<u>PILP 2</u>		<u>P+4</u>		<u>6</u>								<u>10:55</u>													
<u>25</u>		<u>PILP 2</u>		<u>P+5</u>		<u>6</u>								<u>10:50</u>													
<u>26</u>		<u>PILP 2</u>		<u>P+6</u>		<u>6</u>								<u>11:05</u>													
<u>27</u>		<u>PILP 2</u>		<u>P+7</u>		<u>6</u>								<u>11:10</u>													
<u>28</u>		<u>PILP 2</u>		<u>P+8</u>		<u>6</u>								<u>11:15</u>													
<u>29</u>		<u>PILP 2</u>		<u>P+9</u>		<u>6</u>								<u>11:20</u>													
<u>30</u>		<u>PILP 2</u>		<u>P+10</u>		<u>6</u>								<u>11:25</u>													

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 the client for the 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 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>Kyle Humphrey</u>		Date: <u>4/11/15</u>		Received By: <u>Kodi Henson</u>		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:	
		Time: <u>12:45</u>				Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS: <u>K. Culver @ DIVERSIFIEDSI.COM</u>	
		Time:				email: hconder@rice-swd.com; lflores@rice-ecs.com;	
Delivered By: (Circle One)				Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		<u>180</u>		Cool Intact		<u>HH</u>	
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Environmental Tech: <u>@rice-ecs.com</u>	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RELEASE NOTE: Liability for Damages. Cardinal and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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 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. Cardinal will not be held to the performance of services requested by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Kyle HUNZRY		Date: 4/1/15	Received By: Jodi Benson	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
		Time: 12:45		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By:	REMARKS: KCulver@DWRPSI-Feds1.com	
		Time:		email: hconder@riceswd.com; lflores@rice-ecs.com;	
Delivered By: (Circle One)				lweinheimer@rice-ecs.com; knorman@rice-ecs.com;	
Sampler - UPS - Bus - Other:		Sample Condition		CHECKED BY: (Initials)	
		Cool Intact		JH	
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Environmental Tech: @rice-ecs.com	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>DIVERSIFIED</u>				BILL TO				ANALYSIS REQUEST																			
Project Manager: <u>Kody Culver</u>				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div>Chlorides</div> <div>TPH 8015 M</div> <div>BTEX</div> <div>Texas TPH</div> <div>Complete Cations/Anions</div> <div>TDS</div> </div>																			
Address:				Company:																							
City: Hobbs State: NM Zip: 88240				Attn:																							
Phone #: Fax #:				Address:																							
Project #: Project Owner:				City:																							
Project Name:				State: Zip:																							
Project Location: <u>South Land Royalty A-26</u>				Phone #:																							
Sampler Name: <u>Kyle Humphrey</u>				Fax #:																							
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																			
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	
<u>H500871</u>																											
<u>41</u>		<u>P16P3</u>		<u>P+11</u>		<u>6</u>		<u>1</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>3-31-15</u>		<u>12:20</u>	
<u>42</u>		<u>P16P3</u>		<u>P+12</u>		<u>6</u>		<u>1</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>(</u>		<u>12:25</u>	
<u>43</u>		<u>P16P3</u>		<u>P+13</u>		<u>6</u>		<u>1</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>12:30</u>		<u>/</u>	
<u>44</u>		<u>P16P3</u>		<u>P+14</u>		<u>6</u>		<u>1</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>12:33</u>		<u>/</u>	
<u>45</u>		<u>P16P3</u>		<u>P+15</u>		<u>6</u>		<u>1</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>/</u>		<u>12:40</u>		<u>/</u>	

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 the client for the 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 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>Kyle Humphrey</u>		Date: <u>4/1/15</u>		Received By: <u>Jodi Benson</u>		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:	
		Time: <u>12:45</u>				Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS: <u>KCVLVR @ DIVERSIFIEDSI.COM</u>			
		Time:				email: hconder@riceswd.com; lflores@rice-ecs.com;			
Delivered By: (Circle One)						lweinheimer@rice-ecs.com; knorman@rice-ecs.com;			
Sampler - UPS - Bus - Other:						jkamplain@rice-ecs.com; sedwards@rice-ecs.com;			
						cursanic@rice-ecs.com			
						Environmental Tech: @rice-ecs.com			

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54