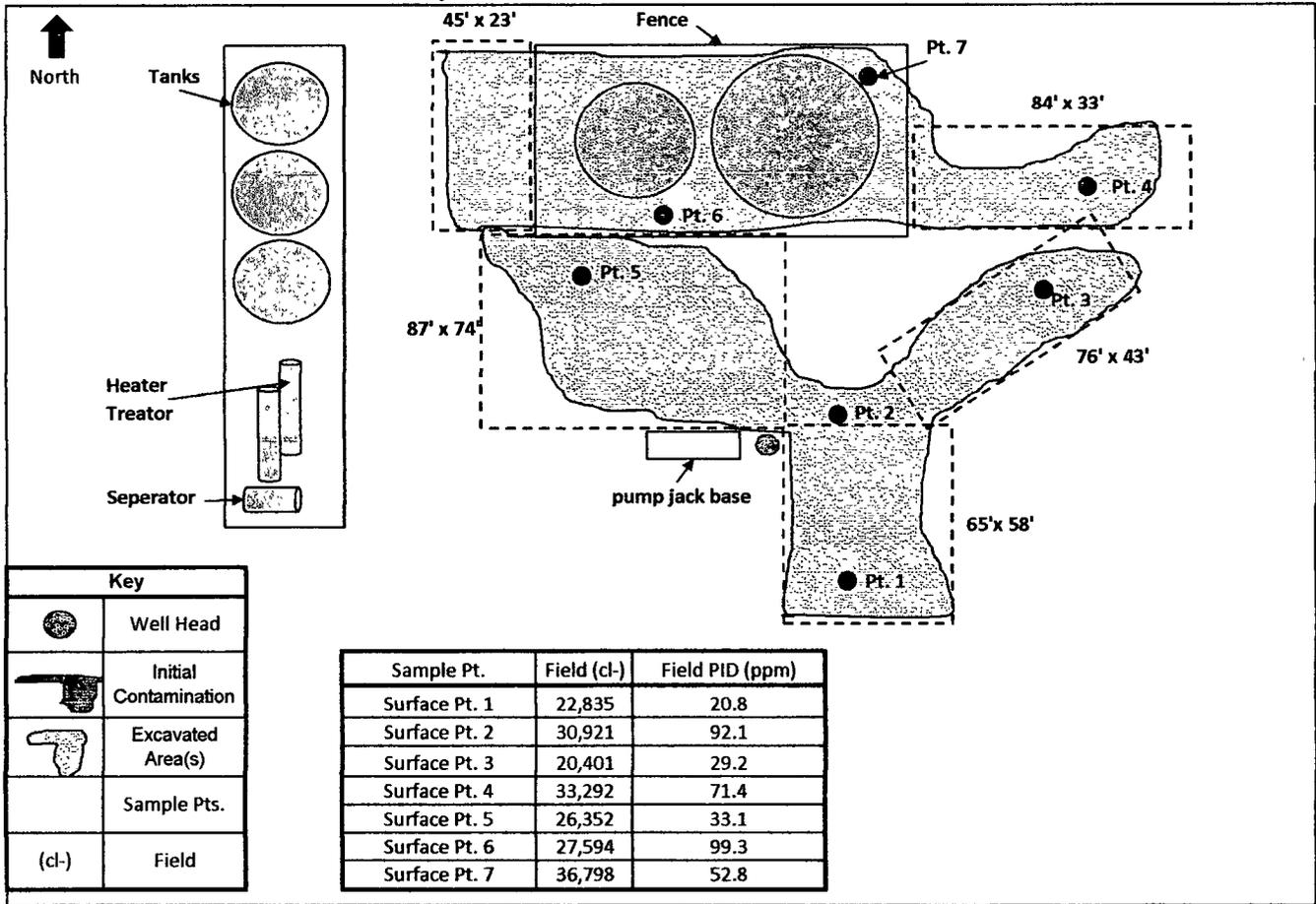


Apache Red Federal Water Station AD



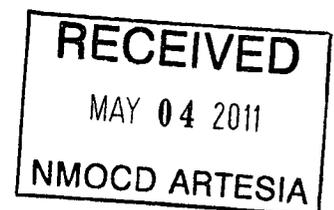
RECEIVED
MAY 04 2011
NMOCD ARTESIA

SURFACE SAMPLES

Sample Description	Water	Soil	AGNO3	Cl-	PID	
SurfacePt. 1	31	11.4	2.72	8.4	22835	20.8
Surface Pt. 2	31.6	11.8	2.68	11.55	30921	92.1
Surface Pt.3	30.8	15.5	1.99	10.27	20401	29.2
Surface Pt.4	32	11.3	2.83	11.76	33292	71.4
Surface Pt. 5	31.6	11.7	2.70	9.76	26352	33.1
Surface Pt. 6	30.3	18.2	1.66	16.58	27594	99.3
Surface Pt. 7	30	16.3	1.84	20	36798	52.8

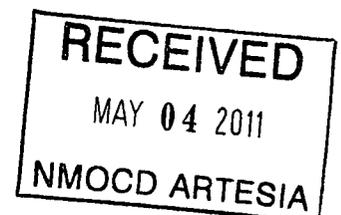
Vertical Samples

Sample Description	Water	Soil	AGNO3	Cl-		
Pt. 6 @ 6"	30.9	11.3	2.73	5.27	14406	N/A
Pt. 7 @ 6"	30	10.3	2.91	5.44	15840	N/A



VERTICALS

Sample Description	Water	Soil	AGNO3	Cl-	PID	
SurfacePt. 1	31	11.4	2.72	8.4	22835	20.8
Pt. 1 @ 6"	30.1	10.5	2.87	0.73	2092	0.9
Pt. 1 @ 1'	30	10.6	2.83	0.04	113	1.2
Surface Pt. 2	31.6	11.8	2.68	11.55	30921	92.1
Pt. 2 @ 6"	31.7	10.9	2.91	0.25	727	1.3
Pt. 2 @ 1'	31.6	10.9	2.90	0.63	1826	1.6
Pt. 2 @ 1.5'	30	10.3	2.91	0.55	1601	0.8
Pt. 2 @ 2'	30.9	10.1	3.06	0.23	703	2.5
Pt. 2 @ 2.5'	30.4	11.6	2.62	0.04	105	N/A
Surface Pt.3	30.8	15.5	1.99	10.27	20401	29.2
Pt. 3 @ 6"	30.6	11.3	2.71	0.18	487	6.9
Pt. 3 @ 1'	30.1	10.3	2.92	0.18	526	4.6
Pt. 3 @ 1.5'	30	10.7	2.80	0.03	84	3.8
Surface Pt.4	32	11.3	2.83	11.76	33292	71.4
Bottom center	30.5	11.3	2.70	0.68	1835	N/A
Surface Pt. 5	31.6	11.7	2.70	9.76	26352	33.1
Pt. 5 @ 6"	30.2	11.9	2.54	2.05	5201	6.6
Pt. 5 @ 1'	30.9	11.5	2.69	0.27	725	1.7
Pt. 5 @ 1.5'	30.6	11.5	2.66	0.35	931	2.9
Pt. 5 @ 2'	30	11.6	2.59	0.42	1086	3.8
Surface Pt. 6	30.3	18.2	1.66	16.58	27594	99.3
Pt. 6 @ 6"	30.9	11.3	2.73	5.27	14406	N/A
Pt. 6 @ 1'	31.1	10.3	3.02	0.14	423	4.4
Surface Pt. 7	30	16.3	1.84	20	36798	52.8
Pt. 7 @ 6"	30	10.3	2.91	5.44	15840	N/A
Pt. 7 @ 1'	30.1	11.3	2.66	0.87	2317	2.9



Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

RECEIVED MAY 04 2011 NMOCD ARTESIA

Received:	04/27/2011	Sampling Date:	04/25/2011
Reported:	05/02/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S EXC W CENTER BTM @ 4.5' (H100867-01)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/29/2011	ND	2.11	105	2.00	2.03		
Toluene*	<0.050	0.050	04/29/2011	ND	2.11	106	2.00	2.61		
Ethylbenzene*	<0.050	0.050	04/29/2011	ND	2.14	107	2.00	1.81		
Total Xylenes*	<0.150	0.150	04/29/2011	ND	6.33	106	6.00	1.82		

Surrogate 4-Bromofluorobenzene (PIL) 94.0 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/29/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ck/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/30/2011	ND	214	107	200	2.00		
DRO >C10-C28	10.9	10.0	04/30/2011	ND	180	90.1	200	1.11		

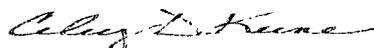
Surrogate 1-Chlorooctane 100 % 70-130

Surrogate 1-Chlorooctadecane 96.0 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/27/2011	Sampling Date:	04/25/2011
Reported:	05/02/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S EXC E CENTER BTM @ 4.5' (H100867-02)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2011	ND	2.11	105	2.00	2.03	
Toluene*	<0.050	0.050	04/29/2011	ND	2.11	106	2.00	2.61	
Ethylbenzene*	<0.050	0.050	04/29/2011	ND	2.14	107	2.00	1.81	
Total Xylenes*	<0.150	0.150	04/29/2011	ND	6.33	106	6.00	1.82	

Surrogate 4-Bromofluorobenzene (PIL) 95.6 % 70-130

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/29/2011	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ck/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/30/2011	ND	214	107	200	2.00	
DRO >C10-C28	<10.0	10.0	04/30/2011	ND	180	90.1	200	1.11	

Surrogate 1-Chlorooctane 100 % 70-130

Surrogate 1-Chlorooctadecane 105 % 70-130

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Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/27/2011	Sampling Date:	04/25/2011
Reported:	05/02/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S EXC S CENTER BTM @ 4.5' (H100867-03)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2011	ND	2.11	105	2.00	2.03	
Toluene*	<0.050	0.050	04/29/2011	ND	2.11	106	2.00	2.61	
Ethylbenzene*	<0.050	0.050	04/29/2011	ND	2.14	107	2.00	1.81	
Total Xylenes*	<0.150	0.150	04/29/2011	ND	6.33	106	6.00	1.82	

Surrogate 4-Bromofluorobenzene (PIL) 95.4 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/29/2011	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ck/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/30/2011	ND	214	107	200	2.00	
DRO >C10-C28	<10.0	10.0	04/30/2011	ND	180	90.1	200	1.11	

Surrogate 1-Chlorooctane 91.7 % 70-130

Surrogate 1-Chlorooctadecane 96.3 % 70-130

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Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/27/2011	Sampling Date:	04/25/2011
Reported:	05/02/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S EXC N CENTER BTM @ 4.5' (H100867-04)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/29/2011	ND	2.11	105	2.00	2.03		
Toluene*	<0.050	0.050	04/29/2011	ND	2.11	106	2.00	2.61		
Ethylbenzene*	<0.050	0.050	04/29/2011	ND	2.14	107	2.00	1.81		
Total Xylenes*	<0.150	0.150	04/29/2011	ND	6.33	106	6.00	1.82		

Surrogate 4-Bromofluorobenzene (PIL) 93.9 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	04/29/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ck/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/30/2011	ND	214	107	200	2.00		
DRO >C10-C28	<10.0	10.0	04/30/2011	ND	180	90.1	200	1.11		

Surrogate 1-Chlorooctane 97.8 % 70-130

Surrogate 1-Chlorooctadecane 102 % 70-130

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Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/27/2011	Sampling Date:	04/25/2011
Reported:	05/02/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S EXC N WALL (H100867-05)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/29/2011	ND	2.11	105	2.00	2.03		
Toluene*	<0.050	0.050	04/29/2011	ND	2.11	106	2.00	2.61		
Ethylbenzene*	<0.050	0.050	04/29/2011	ND	2.14	107	2.00	1.81		
Total Xylenes*	<0.150	0.150	04/29/2011	ND	6.33	106	6.00	1.82		

Surrogate 4-Bromofluorobenzene (PIL) 91.2 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/29/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ck/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/30/2011	ND	214	107	200	2.00		
DRO >C10-C28	<10.0	10.0	04/30/2011	ND	180	90.1	200	1.11		

Surrogate 1-Chlorooctane 97.9 % 70-130

Surrogate 1-Chlorooctadecane 101 % 70-130

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Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/27/2011	Sampling Date:	04/25/2011
Reported:	05/02/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S EXC W WALL (H100867-06)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/29/2011	ND	2.11	105	2.00	2.03		
Toluene*	<0.050	0.050	04/29/2011	ND	2.11	106	2.00	2.61		
Ethylbenzene*	<0.050	0.050	04/29/2011	ND	2.14	107	2.00	1.81		
Total Xylenes*	<0.150	0.150	04/29/2011	ND	6.33	106	6.00	1.82		

Surrogate 4-Bromofluorobenzene (PIL) 94.6 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	04/29/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ck/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/30/2011	ND	214	107	200	2.00		
DRO >C10-C28	<10.0	10.0	04/30/2011	ND	180	90.1	200	1.11		

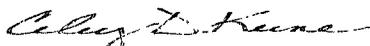
Surrogate 1-Chlorooctane 88.1 % 70-130

Surrogate 1-Chlorooctadecane 86.4 % 70-130

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Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/27/2011	Sampling Date:	04/26/2011
Reported:	05/02/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S EXC S WALL (H100867-07)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/29/2011	ND	2.11	105	2.00	2.03		
Toluene*	<0.050	0.050	04/29/2011	ND	2.11	106	2.00	2.61		
Ethylbenzene*	<0.050	0.050	04/29/2011	ND	2.14	107	2.00	1.81		
Total Xylenes*	<0.150	0.150	04/29/2011	ND	6.33	106	6.00	1.82		

Surrogate 4-Bromofluorobenzene (PIL) 94.5 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/29/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ck/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/30/2011	ND	214	107	200	2.00		
DRO >C10-C28	<10.0	10.0	04/30/2011	ND	180	90.1	200	1.11		

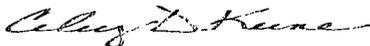
Surrogate 1-Chlorooctane 87.9 % 70-130

Surrogate 1-Chlorooctadecane 91.5 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/27/2011	Sampling Date:	04/26/2011
Reported:	05/02/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S EXC E WALL (H100867-08)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/29/2011	ND	2.11	105	2.00	2.03		
Toluene*	<0.050	0.050	04/29/2011	ND	2.11	106	2.00	2.61		
Ethylbenzene*	<0.050	0.050	04/29/2011	ND	2.14	107	2.00	1.81		
Total Xylenes*	<0.150	0.150	04/29/2011	ND	6.33	106	6.00	1.82		

Surrogate 4-Bromofluorobenzene (PIL) 92.4 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/29/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ck/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/30/2011	ND	214	107	200	2.00		
DRO >C10-C28	<10.0	10.0	04/30/2011	ND	180	90.1	200	1.11		

Surrogate 1-Chlorooctane 92.7 % 70-130

Surrogate 1-Chlorooctadecane 99.7 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

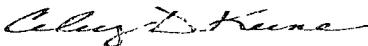
Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

May 02, 2011

NATALIE GLADDEN
APACHE - EUNICE
P. O. BOX 1849
EUNICE, NM 88231

RE: RED FEDERAL WATER STATION AD

Enclosed are the results of analyses for samples received by the laboratory on 04/27/11 8:05.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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.

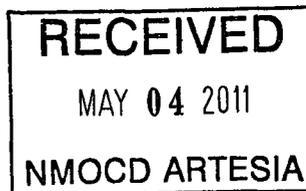
Sincerely,



Caley D. Keene

Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

 Received: 04/27/2011
 Reported: 05/03/2011
 Project Name: RED FEDERAL WATER STATION AD
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 04/26/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: N EXC W CENT BTM @ 4.5' (H100868-01)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/29/2011	ND	2.11	105	2.00	2.03		
Toluene*	<0.050	0.050	04/29/2011	ND	2.11	106	2.00	2.61		
Ethylbenzene*	<0.050	0.050	04/29/2011	ND	2.14	107	2.00	1.81		
Total Xylenes*	<0.150	0.150	04/29/2011	ND	6.33	106	6.00	1.82		

Surrogate. 4-Bromofluorobenzene (PIL) 93.8 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/02/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ck/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/30/2011	ND	214	107	200	2.00		
DRO >C10-C28	<10.0	10.0	04/30/2011	ND	180	90.1	200	1.11		

Surrogate. 1-Chlorooctane 96.3 % 70-130

Surrogate 1-Chlorooctadecane 97.2 % 70-130

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/27/2011	Sampling Date:	04/26/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: N EXC MDL CENTER BTM @ 4.5' (H100868-02)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2011	ND	2.11	105	2.00	2.03	
Toluene*	<0.050	0.050	04/29/2011	ND	2.11	106	2.00	2.61	
Ethylbenzene*	<0.050	0.050	04/29/2011	ND	2.14	107	2.00	1.81	
Total Xylenes*	<0.150	0.150	04/29/2011	ND	6.33	106	6.00	1.82	

Surrogate 4-Bromofluorobenzene (PIE) 94.6 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/02/2011	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ck/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/30/2011	ND	214	107	200	2.00	
DRO >C10-C28	<10.0	10.0	04/30/2011	ND	180	90.1	200	1.11	

Surrogate 1-Chlorooctane 102 % 70-130

Surrogate 1-Chlorooctadecane 100 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/27/2011	Sampling Date:	04/26/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: N EXC E CENT BTM @ 4.5' (H100868-03)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/29/2011	ND	2.11	105	2.00	2.03		
Toluene*	<0.050	0.050	04/29/2011	ND	2.11	106	2.00	2.61		
Ethylbenzene*	<0.050	0.050	04/29/2011	ND	2.14	107	2.00	1.81		
Total Xylenes*	<0.150	0.150	04/29/2011	ND	6.33	106	6.00	1.82		

Surrogate 4-Bromofluorobenzene (PIL) 94.8 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/02/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ck/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/30/2011	ND	214	107	200	2.00		
DRO >C10-C28	<10.0	10.0	04/30/2011	ND	180	90.1	200	1.11		

Surrogate 1-Chlorooctane 90.7 % 70-130

Surrogate 1-Chlorooctadecane 91.6 % 70-130

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/27/2011	Sampling Date:	04/26/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: N EXC N WALL (H100868-04)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2011	ND	2.11	105	2.00	2.03	
Toluene*	<0.050	0.050	04/29/2011	ND	2.11	106	2.00	2.61	
Ethylbenzene*	<0.050	0.050	04/29/2011	ND	2.14	107	2.00	1.81	
Total Xylenes*	<0.150	0.150	04/29/2011	ND	6.33	106	6.00	1.82	

Surrogate. 4-Bromofluorobenzene (PIL) 97.0 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2011	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ck/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/30/2011	ND	214	107	200	2.00	
DRO >C10-C28	<10.0	10.0	04/30/2011	ND	180	90.1	200	1.11	

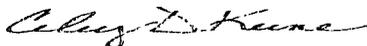
Surrogate 1-Chlorooctane 88.8 % 70-130

Surrogate 1-Chlorooctadecane 82.8 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/27/2011	Sampling Date:	04/26/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: N EXC S WALL (H100868-05)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/29/2011	ND	2.11	105	2.00	2.03		
Toluene*	<0.050	0.050	04/29/2011	ND	2.11	106	2.00	2.61		
Ethylbenzene*	<0.050	0.050	04/29/2011	ND	2.14	107	2.00	1.81		
Total Xylenes*	<0.150	0.150	04/29/2011	ND	6.33	106	6.00	1.82		

Surrogate. 4-Bromofluorobenzene (PIL) 96.0 % 70-130

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/02/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ck/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/30/2011	ND	214	107	200	2.00		
DRO >C10-C28	<10.0	10.0	04/30/2011	ND	180	90.1	200	1.11		

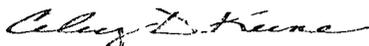
Surrogate. 1-Chlorooctane 93.9 % 70-130

Surrogate. 1-Chlorooctadecane 98.1 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/27/2011	Sampling Date:	04/26/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: N EXC E WALL (H100868-06)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2011	ND	2.11	105	2.00	2.03	
Toluene*	<0.050	0.050	04/29/2011	ND	2.11	106	2.00	2.61	
Ethylbenzene*	<0.050	0.050	04/29/2011	ND	2.14	107	2.00	1.81	
Total Xylenes*	<0.150	0.150	04/29/2011	ND	6.33	106	6.00	1.82	

Surrogate 4-Bromofluorobenzene (PIL) 94.7 % 70-130

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/02/2011	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/02/2011	ND	183	91.7	200	6.63	
DRO >C10-C28	<10.0	10.0	05/02/2011	ND	190	95.2	200	9.96	

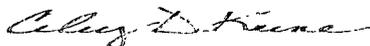
Surrogate 1-Chlorooctane 97.2 % 70-130

Surrogate 1-Chlorooctadecane 106 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

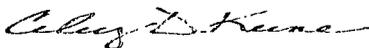
Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

May 03, 2011

NATALIE GLADDEN

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

RE: RED FEDERAL WATER STATION AD

Enclosed are the results of analyses for samples received by the laboratory on 04/27/11 8:05.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

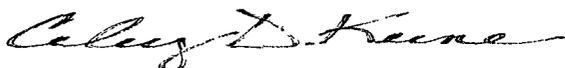
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

RECEIVED
 MAY 04 2011
 NMOCD ARTESIA

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/28/2011	Sampling Date:	04/27/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: NW EXC N CTR BTM @ 4.5' (H100877-01)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2011	ND	2.34	117	2.00	5.27		
Toluene*	<0.050	0.050	05/02/2011	ND	2.38	119	2.00	5.35		
Ethylbenzene*	<0.050	0.050	05/02/2011	ND	2.39	119	2.00	3.95		
Total Xylenes*	<0.150	0.150	05/02/2011	ND	7.07	118	6.00	3.80		

Surrogate, 4-Bromofluorobenzene (PIL) 93.2% 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	05/02/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/03/2011	ND	183	91.7	200	6.63		
DRO >C10-C28	<10.0	10.0	05/03/2011	ND	190	95.2	200	9.96		

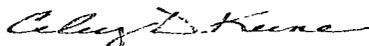
Surrogate 1-Chlorooctane 88.6% 70-130

Surrogate 1-Chlorooctadecane 100% 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/28/2011	Sampling Date:	04/27/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: NW EXC MIDDLE CTR BTM @ 4.5' (H100877-02)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2011	ND	2.34	117	2.00	5.27		
Toluene*	<0.050	0.050	05/02/2011	ND	2.38	119	2.00	5.35		
Ethylbenzene*	<0.050	0.050	05/02/2011	ND	2.39	119	2.00	3.95		
Total Xylenes*	<0.150	0.150	05/02/2011	ND	7.07	118	6.00	3.80		

Surrogate 4-Bromofluorobenzene (PII) 94.5 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	05/02/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/03/2011	ND	183	91.7	200	6.63		
DRO >C10-C28	<10.0	10.0	05/03/2011	ND	190	95.2	200	9.96		

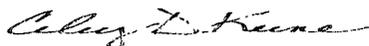
Surrogate 1-Chlorooctane 108 % 70-130

Surrogate 1-Chlorooctadecane 120 % 70-130

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/28/2011	Sampling Date:	04/27/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: NW EXC S CTR BTM @ 4.5' (H100877-03)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2011	ND	2.34	117	2.00	5.27		
Toluene*	<0.050	0.050	05/02/2011	ND	2.38	119	2.00	5.35		
Ethylbenzene*	<0.050	0.050	05/02/2011	ND	2.39	119	2.00	3.95		
Total Xylenes*	<0.150	0.150	05/02/2011	ND	7.07	118	6.00	3.80		

Surrogate: 4-Bromofluorobenzene (PIL) 93.3 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	05/02/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/03/2011	ND	183	91.7	200	6.63		
DRO >C10-C28	<10.0	10.0	05/03/2011	ND	190	95.2	200	9.96		

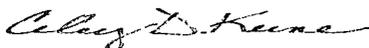
Surrogate: 1-Chlorooctane 87.6 % 70-130

Surrogate: 1-Chlorooctadecane 97.8 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/28/2011	Sampling Date:	04/27/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: NW EXC N WALL (H100877-04)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2011	ND	2.34	117	2.00	5.27	
Toluene*	<0.050	0.050	05/02/2011	ND	2.38	119	2.00	5.35	
Ethylbenzene*	<0.050	0.050	05/02/2011	ND	2.39	119	2.00	3.95	
Total Xylenes*	<0.150	0.150	05/02/2011	ND	7.07	118	6.00	3.80	

Surrogate 4-Bromofluorobenzene (PIL) 91.1% 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	05/02/2011	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2011	ND	183	91.7	200	6.63	
DRO >C10-C28	<10.0	10.0	05/03/2011	ND	190	95.2	200	9.96	

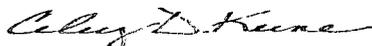
Surrogate 1-Chlorooctane 102% 70-130

Surrogate 1-Chlorooctadecane 113% 70-130

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/28/2011	Sampling Date:	04/27/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: NW EXC EAST WALL (H100877-05)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2011	ND	2.34	117	2.00	5.27		
Toluene*	<0.050	0.050	05/02/2011	ND	2.38	119	2.00	5.35		
Ethylbenzene*	<0.050	0.050	05/02/2011	ND	2.39	119	2.00	3.95		
Total Xylenes*	<0.150	0.150	05/02/2011	ND	7.07	118	6.00	3.80		

Surrogate 4-Bromofluorobenzene (PIL) 91.6% 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3640	16.0	05/02/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/03/2011	ND	183	91.7	200	6.63		
DRO >C10-C28	<10.0	10.0	05/03/2011	ND	190	95.2	200	9.96		

Surrogate 1-Chlorooctane 88.6% 70-130

Surrogate 1-Chlorooctadecane 101% 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/28/2011	Sampling Date:	04/26/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: NW EXC SOUTH WALL (H100877-06)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2011	ND	2.34	117	2.00	5.27		
Toluene*	<0.050	0.050	05/02/2011	ND	2.38	119	2.00	5.35		
Ethylbenzene*	<0.050	0.050	05/02/2011	ND	2.39	119	2.00	3.95		
Total Xylenes*	<0.150	0.150	05/02/2011	ND	7.07	118	6.00	3.80		

Surrogate: 4-Bromofluorobenzene (PIL) 92.7 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/02/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/03/2011	ND	183	91.7	200	6.63		
DRO >C10-C28	<10.0	10.0	05/03/2011	ND	190	95.2	200	9.96		

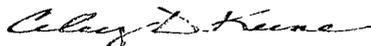
Surrogate: 1-Chlorooctane 105 % 70-130

Surrogate: 1-Chlorooctadecane 117 % 70-130

Cardinal Laboratories

*—Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/28/2011	Sampling Date:	04/26/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: NW EXC WEST WALL (H100877-07)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2011	ND	2.34	117	2.00	5.27	
Toluene*	<0.050	0.050	05/02/2011	ND	2.38	119	2.00	5.35	
Ethylbenzene*	<0.050	0.050	05/02/2011	ND	2.39	119	2.00	3.95	
Total Xylenes*	<0.150	0.150	05/02/2011	ND	7.07	118	6.00	3.80	

Surrogate 4-Bromofluorobenzene (PIE) 90.5 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2011	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2011	ND	187	93.5	200	3.03	
DRO >C10-C28	<10.0	10.0	05/03/2011	ND	189	94.7	200	9.21	

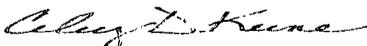
Surrogate 1-Chlorooctane 81.0 % 70-130

Surrogate 1-Chlorooctadecane 85.4 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

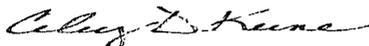
Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
 (505) 393-2326 FAX (505) 393-2173 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Apache Corp		BILL TO		ANALYSIS REQUEST									
Project Manager: Natalia Gladden		P.O. #											
Address: Apache Corp		Company											
City: State: NM Zip:		Attn:											
Phone #: Fax #:		Address:											
Project #: Project Owner:		City:											
Project Name: <u>Red Federal Water Station</u>		State: Zip:											
Project Location:		Phone #:											
Sampler Name: <u>Jordan Woodfin</u>		Fax #:											

Lab I.D.	Sample I.D.	EQUIPMENT	CONTAINER	METALS						PRESERV.			SAMPLING		Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS
				ARSENIC	CADMIUM	COPPER	CHROMIUM	LEAD	MANGANESE	NICKEL	IRON	ZINC	ACID/DIGEST	ICE/SOLU						
H100811-1	NW Excavation North Corner Berm @ 4.5'	G	1									4-27-11	9:00	✓	✓	✓				
2	NW Excavation Middle Corner Berm @ 4.5'	G	1									4-27-11	9:05	✓	✓	✓				
3	NW Excavation South Corner Berm @ 4.5'	G	1									4-27-11	9:10	✓	✓	✓				
4	NW Excavation North Wall @ 4.5'	G	1									4-27-11	9:15	✓	✓	✓				
5	NW Excavation East Wall @ 4.5'	G	1									4-27-11	9:20	✓	✓	✓				
10	NW Excavation South Wall @ 4.5'	G	1									4-28-11	3:45	✓	✓	✓				
9	NW Excavation West Wall @ 4.5'	G	1									4-28-11	3:50	✓	✓	✓				

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Relinquished By:	Date: <u>4/28/11</u>	Received By: <u>Jodi Benson</u>	Pilot's Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Pr. Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	UPS	Bus	Office	REMARKS:
Sampler: UPS - Bus - Office	Sample Temp: <u>-11°C</u>	Checked By:	email results zconden@nce-ecs.com Lweinheimer@nce-ecs.com Hconden@nceswd.com Phaker@nce-ecs.com Natalia.Gladden@usa-apachecorp.com	

Cardinal cannot accept verbal changes. Please fax change changes to 505-393-2173

#26

May 03, 2011

NATALIE GLADDEN

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

RE: RED FEDERAL WATER STATION AD

Enclosed are the results of analyses for samples received by the laboratory on 04/28/11 8:00.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (V2, V3)

Accreditation applies to public drinking water matrices.

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

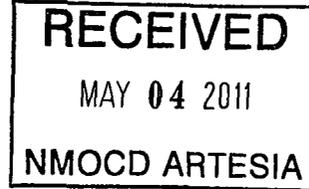
Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425


Received:	04/28/2011	Sampling Date:	04/26/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CENTER EXC E CENT BTM @ 3.5' (H100878-01)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2011	ND	2.34	117	2.00	5.27		
Toluene*	<0.050	0.050	05/02/2011	ND	2.38	119	2.00	5.35		
Ethylbenzene*	<0.050	0.050	05/02/2011	ND	2.39	119	2.00	3.95		
Total Xylenes*	<0.150	0.150	05/02/2011	ND	7.07	118	6.00	3.80		

Surrogate 4-Bromofluorobenzene (PIL) 91.1 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	05/02/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	<10.0	10.0	05/03/2011	ND	187	93.5	200	3.03			
DRO >C10-C28	<10.0	10.0	05/03/2011	ND	189	94.7	200	9.21			

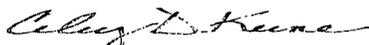
Surrogate 1-Chlorooctane 56.4 % 70-130

Surrogate 1-Chlorooctadecane 62.5 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/28/2011	Sampling Date:	04/26/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CENTER EXC MDL CENT BTM @ 3.5' (H100878-02)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2011	ND	2.34	117	2.00	5.27		
Toluene*	<0.050	0.050	05/02/2011	ND	2.38	119	2.00	5.35		
Ethylbenzene*	<0.050	0.050	05/02/2011	ND	2.39	119	2.00	3.95		
Total Xylenes*	<0.150	0.150	05/02/2011	ND	7.07	118	6.00	3.80		

Surrogate 4-Bromofluorobenzene (PIL) 93.0% 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	05/02/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	<10.0	10.0	05/03/2011	ND	187	93.5	200	3.03			
DRO >C10-C28	<10.0	10.0	05/03/2011	ND	189	94.7	200	9.21			

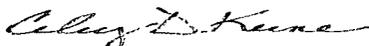
Surrogate 1-Chlorooctane 61.6% 70-130

Surrogate 1-Chlorooctadecane 76.2% 70-130

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/28/2011	Sampling Date:	04/26/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CENTER EXC W CENT BTM @ 3.5' (H100878-03)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2011	ND	2.34	117	2.00	5.27		
Toluene*	<0.050	0.050	05/02/2011	ND	2.38	119	2.00	5.35		
Ethylbenzene*	<0.050	0.050	05/02/2011	ND	2.39	119	2.00	3.95		
Total Xylenes*	<0.150	0.150	05/02/2011	ND	7.07	118	6.00	3.80		

Surrogate 4-Bromofluorobenzene (PIL) 93.5 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/02/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/03/2011	ND	187	93.5	200	3.03		
DRO >C10-C28	<10.0	10.0	05/03/2011	ND	189	94.7	200	9.21		

Surrogate 1-Chlorooctane 75.2 % 70-130

Surrogate 1-Chlorooctadecane 75.7 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/28/2011	Sampling Date:	04/26/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CENTER EXC NORTH WALL (H100878-04)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2011	ND	2.34	117	2.00	5.27		
Toluene*	<0.050	0.050	05/02/2011	ND	2.38	119	2.00	5.35		
Ethylbenzene*	<0.050	0.050	05/02/2011	ND	2.39	119	2.00	3.95		
Total Xylenes*	<0.150	0.150	05/02/2011	ND	7.07	118	6.00	3.80		

Surrogate 4-Bromofluorobenzene (PIL) 89.9 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	05/02/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/03/2011	ND	187	93.5	200	3.03		
DRO >C10-C28	<10.0	10.0	05/03/2011	ND	189	94.7	200	9.21		

Surrogate 1-Chlorooctane 82.2 % 70-130

Surrogate 1-Chlorooctadecane 89.4 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/28/2011	Sampling Date:	04/26/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CENTER EXC WEST WALL (H100878-05)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/03/2011	ND	2.34	117	2.00	5.27		
Toluene*	<0.050	0.050	05/03/2011	ND	2.38	119	2.00	5.35		
Ethylbenzene*	<0.050	0.050	05/03/2011	ND	2.39	119	2.00	3.95		
Total Xylenes*	<0.150	0.150	05/03/2011	ND	7.07	118	6.00	3.80		

Surrogate: 4-Bromofluorobenzene (PIL) 91.7% 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	05/02/2011	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/03/2011	ND	187	93.5	200	3.03		
DRO >C10-C28	<10.0	10.0	05/03/2011	ND	189	94.7	200	9.21		

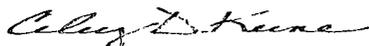
Surrogate: 1-Chlorooctane 70.8% 70-130

Surrogate: 1-Chlorooctadecane 82.3% 70-130

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

Received:	04/28/2011	Sampling Date:	04/27/2011
Reported:	05/03/2011	Sampling Type:	Soil
Project Name:	RED FEDERAL WATER STATION AD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: CENTER EXC EAST WALL (H100878-06)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/03/2011	ND	2.34	117	2.00	5.27		
Toluene*	<0.050	0.050	05/03/2011	ND	2.38	119	2.00	5.35		
Ethylbenzene*	<0.050	0.050	05/03/2011	ND	2.39	119	2.00	3.95		
Total Xylenes*	<0.150	0.150	05/03/2011	ND	7.07	118	6.00	3.80		

Surrogate 4-Bromofluorobenzene (PIL) 92.0 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	05/02/2011	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/03/2011	ND	187	93.5	200	3.03		
DRO >C10-C28	<10.0	10.0	05/03/2011	ND	189	94.7	200	9.21		

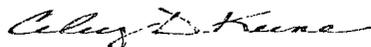
Surrogate 1-Chlorooctane 79.4 % 70-130

Surrogate, 1-Chlorooctadecane 97.6 % 70-130

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below
- *** Insufficient time to reach temperature
- Chloride by 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

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Celey D. Keene, Lab Director/Quality Manager



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: Apache Corp		BILL TO				ANALYSIS REQUEST													
Project Manager: Natalie Gladden		P.O.#																	
Address: Apache Corp		Company:																	
City: State: NM Zip:		Attn:																	
Phone #: Fax #:		Address:																	
Project #: Project Owner:		City:																	
Project Name: Rad Federal Water Station		State: Zip:																	
Project Location:		Phone #:																	
Sampler Name: Jordan Woodfin		Fax #:																	
Lab I.D.	Sample I.D.	CORRAL OR CUMP	# CONTAINERS	MATRIX					PRESERV		SAMPLING		Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER							DATE
HIDOSTB-1	Center Excavation East Lane Berm @ 3.5'	Gn	1			✓				✓		4-26-11	1:15	✓	✓	✓			
2	Center Excavation Middle Lane Berm @ 3.5'	Gn	1			✓				✓		4-26-11	1:20	✓	✓	✓			
3	Center Excavation West Lane Berm @ 3.5'	Gn	1			✓				✓		4-26-11	1:25	✓	✓	✓			
4	Center Excavation North Wall 3.5'	Gn	1			✓				✓		4-26-11	1:30	✓	✓	✓			
5	Center Excavation West Wall 3.5'	Gn	1			✓				✓		4-26-11	1:35	✓	✓	✓			
6	Center Excavation East Wall 3.5'	Gn	1			✓				✓		4-27-11	9:45	✓	✓	✓			

PLEASE NOTE: Inhibitors and Containers: Containers used for sampling and storage should be removed from the site as soon as possible. Containers should be properly labeled and sealed. Containers should be stored in a cool, dry place. Containers should be stored in a cool, dry place. Containers should be stored in a cool, dry place. Containers should be stored in a cool, dry place.

Relinquished By:	Date: 4/28/11 Time: 8:00	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other	Sample Condition: Cool: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY:	REMARKS: email results zconder@rice-ecs.com; Lwainheimer@rice-ecs.com Hconder@riceswd.com; Bbaker@rice-ecs.com Natalie.Gladden@usa.apachecorp.com	

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

#26

May 03, 2011

NATALIE GLADDEN

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

RE: RED FEDERAL WATER STATION AD

Enclosed are the results of analyses for samples received by the laboratory on 04/28/11 8:00.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

RECEIVED MAY 04 2011 NMOCD ARTESIA

 Received: 04/28/2011
 Reported: 05/03/2011
 Project Name: RED FEDERAL WATER STATION AD
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 04/27/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: N EXC WEST WALL (H100879-01)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/03/2011	ND	2.34	117	2.00	5.27		
Toluene*	<0.050	0.050	05/03/2011	ND	2.38	119	2.00	5.35		
Ethylbenzene*	<0.050	0.050	05/03/2011	ND	2.39	119	2.00	3.95		
Total Xylenes*	<0.150	0.150	05/03/2011	ND	7.07	118	6.00	3.80		

Surrogate 4-Bromofluorobenzene (PIL) 91.6% 70-130

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2720	16.0	05/02/2011	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/03/2011	ND	187	93.5	200	3.03		
DRO >C10-C28	<10.0	10.0	05/03/2011	ND	189	94.7	200	9.21		

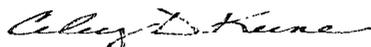
Surrogate 1-Chlorooctane 93.9% 70-130

Surrogate 1-Chlorooctadecane 118% 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

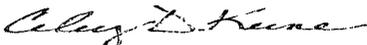
Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

May 03, 2011

NATALIE GLADDEN

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

RE: RED FEDERAL WATER STATION AD

Enclosed are the results of analyses for samples received by the laboratory on 04/28/11 8:00.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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 cursive script that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager