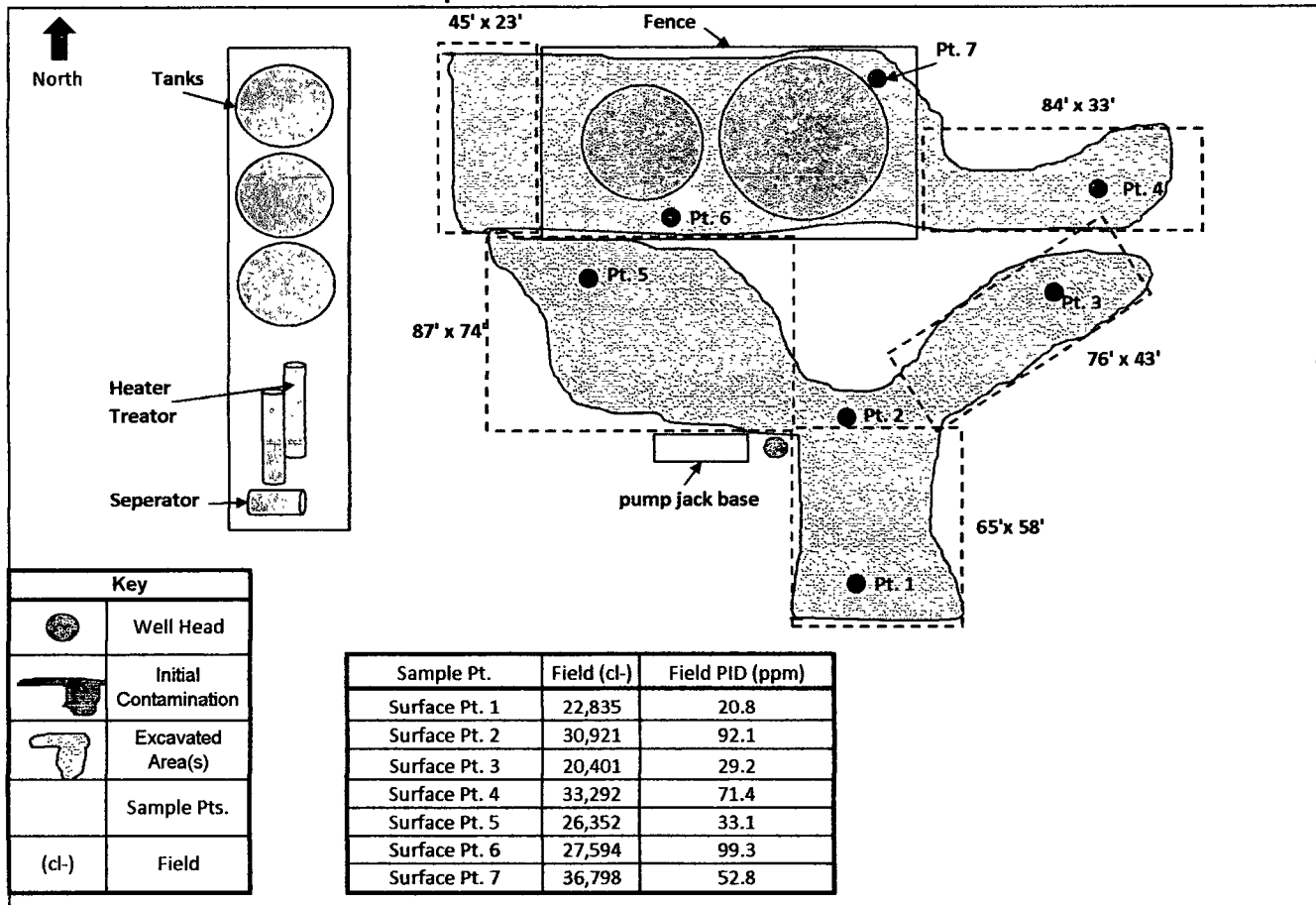


# Apache Red Federal Water Station AD



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MAY 04 2011

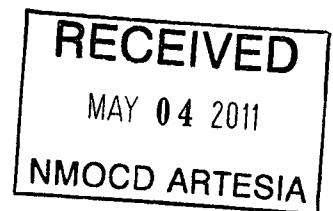
NMOCD ARTESIA

### **SURFACE SAMPLES**

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

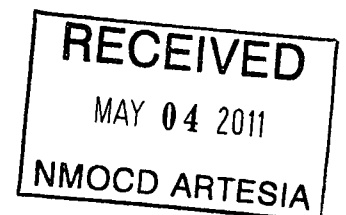
### **Vertical Samples**

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



## 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

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MAY 04 2011

**NMOCD ARTESIA**

 Received: 04/27/2011  
 Reported: 05/02/2011  
 Project Name: RED FEDERAL WATER STATION AD  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 04/25/2011  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**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 |           |

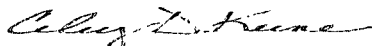
Surrogate 1-Chlorooctane 100 % 70-130

Surrogate 1-Chlorooctadecane 96.0 % 70-130

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\* = 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  
 Reported: 05/02/2011  
 Project Name: RED FEDERAL WATER STATION AD  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 04/25/2011  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**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, 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 |           |

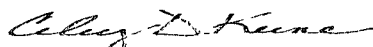
Surrogate 1-Chlorooctane 100 % 70-130

Surrogate 1-Chlorooctadecane 105 % 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  
 Reported: 05/02/2011  
 Project Name: RED FEDERAL WATER STATION AD  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 04/25/2011  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**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 |           |

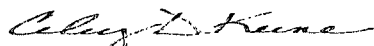
Surrogate 1-Chlorooctane 91.7 % 70-130

Surrogate 1-Chlorooctadecane 96.3 % 70-130

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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  
Reported: 05/02/2011  
Project Name: RED FEDERAL WATER STATION AD  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/25/2011  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**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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\*=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:      | 04/25/2011    |
| 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 |           |

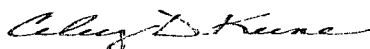
Surrogate 1-Chlorooctane 97.9 % 70-130

Surrogate 1-Chlorooctadecane 101 % 70-130

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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  
 Reported: 05/02/2011  
 Project Name: RED FEDERAL WATER STATION AD  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 04/25/2011  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**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/ |     |            |               |      |           |

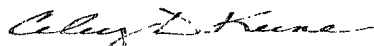
Surrogate 1-Chlorooctane 88.1 % 70-130

Surrogate 1-Chlorooctadecane 86.4 % 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  
 Reported: 05/02/2011  
 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: 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 |           |

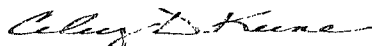
Surrogate 1-Chlorooctane 87.9 % 70-130

Surrogate 1-Chlorooctadecane 91.5 % 70-130

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  
Reported: 05/02/2011  
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: S EXC E WALL (H100867-08)**

| BTX 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 |           |

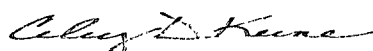
Surrogate 1-Chlorooctane 92.7 % 70-130

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**

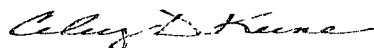
|     |  |
|-----|--|
| ND  | Analyte NOT DETECTED at or above the reporting limit   |
| RPD | Relative Percent Difference  |
| **  | Samples not received at proper temperature of 6°C or below.  |
| *** | Insufficient time to reach temperature.  |
| -   | Chloride by SM4500Cl-B does not require samples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

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Celey D. Keene, Lab Director/Quality Manager



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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.

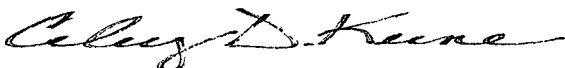
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| 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,

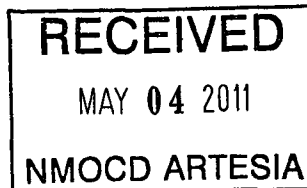


Celey D. Keene

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  
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 |           |

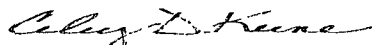
Surrogate, 1-Chlorooctane 96.3 % 70-130

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  
 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 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 |           |

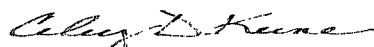
Surrogate 1-Chlorooctane 102 % 70-130

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  
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 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 |           |

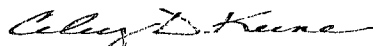
Surrogate 1-Chlorooctane 90.7 % 70-130

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  
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 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 |           |

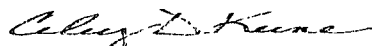
Surrogate 1-Chlorooctane 88.8 % 70-130

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  
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 S WALL (H100868-05)**

| BTX 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, 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/ |     |            |               |      |           |

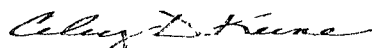
Surrogate. 1-Chlorooctane 93.9 % 70-130

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  
 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 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, 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            | 05/02/2011 | ND              | 183 | 91.7       | 200           | 6.63 |           |
| DRO >C10-C28 | <10.0  | 10.0            | 05/02/2011 | ND              | 190 | 95.2       | 200           | 9.96 |           |

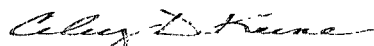
Surrogate 1-Chlorooctane 97.2 % 70-130

Surrogate 1-Chlorooctadecane 106 % 70-130

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

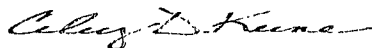
|     |   |
|-----|---|
| ND  | Analyte NOT DETECTED at or above the reporting limit                            |
| RPD | Relative Percent Difference   |
| **  | Samples not received at proper temperature of 6°C or below                      |
| *** | Insufficient time to reach temperature.   |
| -   | 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 |

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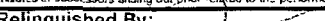
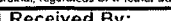


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Celey D. Keene, Lab Director/Quality Manager



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**PIEASE NOTE:** Liability and Damages. Cardinal will faithfully and cheerfully exclude 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 interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, arising out of or connected to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

|  |  |                             |  |  |  |  |  |  |  |
|--|--|-----------------------------|--|--|--|--|--|--|--|
| Relinquished By:  |  | Date: 9/27/11<br>Time: 7:10 |  | Received By:    |  | Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |  | Add'l Phone #:<br>Add'l Fax #:   |  |
| Relinquished By:  |  | Date: 9/27/11<br>Time: 8:25 |  | Received By: Gadi Henderson  |  | REMARKS:<br><br>email results<br>Natalie.Gladden@usa.apachecorp.com;<br>Zconder@rice-ecs.com; Bbaker@rice-ecs.com;<br>hconder@rice-ecs.com; Lweinheimer@rice-ecs.com |  |  |  |
| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Other:   |  | -90                         |  | Sample Condition<br>Cool Intact<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |  |  |  | CHECKED BY:<br>(Initials)<br> |  |

† 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 04/27/11 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

**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: 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 |           |

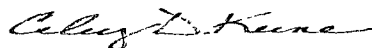
Surrogate 1-Chlorooctane 88.6 % 70-130

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 (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             | 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 |           |

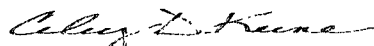
Surrogate 1-Chlorooctane 108 % 70-130

Surrogate 1-Chlorooctadecane 120 % 70-130

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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 |           |

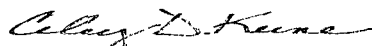
Surrogate: 1-Chlorooctane 87.6 % 70-130

Surrogate: 1-Chlorooctadecane 97.8 % 70-130

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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  
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: 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 |           |

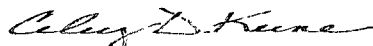
Surrogate 1-Chlorooctane 102% 70-130

Surrogate 1-Chlorooctadecane 113% 70-130

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 EAST WALL (H100877-05)**

| BTX 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 |           |

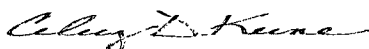
Surrogate 1-Chlorooctane 88.6 % 70-130

Surrogate 1-Chlorooctadecane 101 % 70-130

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  
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: NW EXC SOUTH WALL (H100877-06)**

| BTX 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 |           |

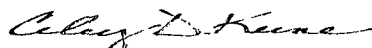
Surrogate: 1-Chlorooctane 105 % 70-130

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  
 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: 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 |           |

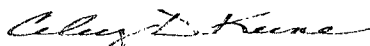
Surrogate 1-Chlorooctane 81.0 % 70-130

Surrogate 1-Chlorooctadecane 85.4 % 70-130

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\*=Accredited Analyte

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Celestine D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

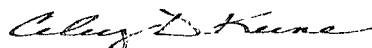
|     |   |
|-----|---|
| ND  | Analyte NOT DETECTED at or above the reporting limit                            |
| RPD | Relative Percent Difference   |
| **  | Samples not received at proper temperature of 6°C or below.                     |
| *** | Insufficient time to reach temperature.   |
| -   | 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 |

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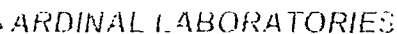
\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



(505) 393 2326 FAX (505) 393-2176 (325) 673-7001 FAX (325) 673 7020

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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.

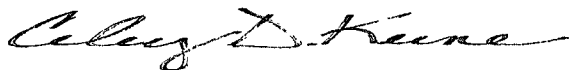
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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

**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 |           |

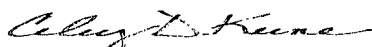
Surrogate 1-Chlorooctane 56.4 % 70-130

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)**

| BTX 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  
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: 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 |           |

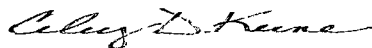
Surrogate 1-Chlorooctane 75.2 % 70-130

Surrogate 1-Chlorooctadecane 75.7 % 70-130

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 NORTH WALL (H100878-04)**

| BTX 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 |           |

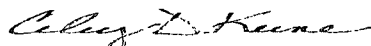
Surrogate 1-Chlorooctane 82.2 % 70-130

Surrogate 1-Chlorooctadecane 89.4 % 70-130

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 WEST WALL (H100878-05)**

| BTX 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 |           |

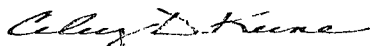
Surrogate: 1-Chlorooctane 70.8 % 70-130

Surrogate: 1-Chlorooctadecane 82.3 % 70-130

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: 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 |           |

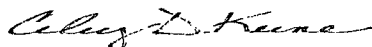
Surrogate 1-Chlorooctane 79.4 % 70-130

Surrogate, 1-Chlorooctadecane 97.6 % 70-130

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

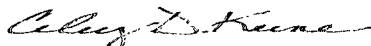
- S-04            The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND             Analyte *NOT DETECTED* at or above the reporting limit
- RPD            Relative Percent Difference
- \*\*              Samples not received at proper temperature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

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Cardinal Laboratories

\*=Accredited Analyte

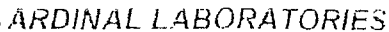
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Celey D. Keene, Lab Director/Quality Manager





(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

1 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.

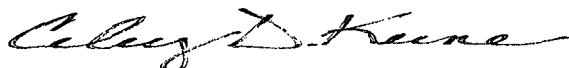
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| 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,

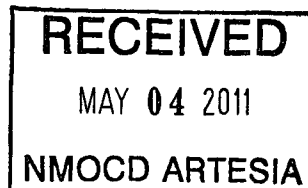


Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

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



Received: 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)**

| BTX 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 |           |

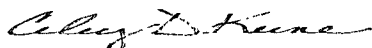
Surrogate 1-Chlorooctane 93.9 % 70-130

Surrogate 1-Chlorooctadecane 118 % 70-130

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

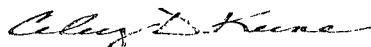
|     |   |
|-----|---|
| ND  | Analyte NOT DETECTED at or above the reporting limit                            |
| RPD | Relative Percent Difference   |
| **  | Samples not received at proper temperature of 6°C or below.                     |
| *** | Insufficient time to reach temperature.   |
| -   | 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 |

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Cardinal Laboratories

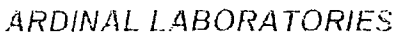
\*=Accredited Analyte

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---

Celey D. Keene, Lab Director/Quality Manager



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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

#260

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.

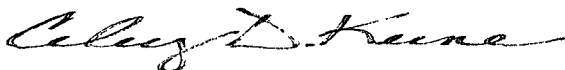
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| 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