



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

ANALYTICAL RESULTS FOR  
SWEATT CONSTRUCTION  
ATTN: GREG LEARY  
P.O. BOX 827  
ARTESIA, NM 88210  
FAX TO: (575) 748-1230

Receiving Date: 11/06/08  
Reporting Date: 11/13/08  
Project Number: NOT GIVEN  
Project Name: WESTERN RESERVES  
Project Location: LAKE McMILLAN 21 #002

Sampling Date: NOT GIVEN  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: CK/AB

30-015-36320

| LAB NUMBER                  | SAMPLE ID | GRO<br>(C <sub>6</sub> -C <sub>10</sub> )<br>(mg/kg) | DRO<br>(>C <sub>10</sub> -C <sub>28</sub> )<br>(mg/kg) | 418.1<br>TOTAL<br>TPH<br>(mg/kg) |
|-----------------------------|-----------|------------------------------------------------------|--------------------------------------------------------|----------------------------------|
|                             |           | 11/09/08                                             | 11/09/08                                               | 11/13/08                         |
| H16277-1                    | 1 SW      | <10.0                                                | <10.0                                                  | <100                             |
| H16277-2                    | 2 NW      | <10.0                                                | <10.0                                                  | <100                             |
| H16277-3                    | 3 C       | <10.0                                                | <10.0                                                  | <100                             |
| H16277-4                    | 4 SE      | <10.0                                                | <10.0                                                  | <100                             |
| H16277-5                    | 5 NE      | <10.0                                                | <10.0                                                  | <100                             |
| Quality Control             |           | 429                                                  | 411                                                    | 276                              |
| True Value QC               |           | 500                                                  | 500                                                    | 300                              |
| % Recovery                  |           | 85.8                                                 | 82.2                                                   | 92.0                             |
| Relative Percent Difference |           | 12.7                                                 | 0.6                                                    | 2.5                              |

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; EPA 418.1

Chemist

Date

H16277 TPH2 SWEATT

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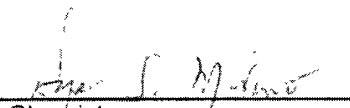
Analysis Date: 11/06/08  
Sampling Date: NOT GIVEN  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: TR

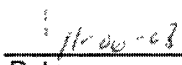
| LAB NUMBER                  | SAMPLE ID | Cl <sup>-</sup> |
|-----------------------------|-----------|-----------------|
|                             |           | (mg/kg)         |
| H16277-1                    | 1-SW      | 864             |
| H16277-2                    | 2-NW      | 576             |
| H16277-3                    | 3-C       | 672             |
| H16277-4                    | 4-SE      | 656             |
| H16277-5                    | 5-NE      | 448             |
| Quality Control             |           | 500             |
| True Value QC               |           | 500             |
| % Recovery                  |           | 100             |
| Relative Percent Difference |           | <0.1            |

METHOD: Standard Methods

4500-ClB

Note: Analyses performed on 1:4 w:v aqueous extracts.

  
Chemist

  
Date

H16277 SWEATT

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Project Name: WESTERN RESERVES  
Project Location: LAKE McMILLAN 21 #002

Sampling Date: NOT GIVEN  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: ZL

| LAB NUMBER                  | SAMPLE ID | BENZENE<br>(mg/kg) | TOLUENE<br>(mg/kg) | ETHYL<br>BENZENE<br>(mg/kg) | TOTAL<br>XYLENES<br>(mg/kg) |
|-----------------------------|-----------|--------------------|--------------------|-----------------------------|-----------------------------|
| ANALYSIS DATE               |           | 11/07/08           | 11/07/08           | 11/07/08                    | 11/07/08                    |
| H16277-1                    | 1 SW      | <0.050             | <0.050             | <0.050                      | <0.300                      |
| H16277-2                    | 2 NW      | <0.050             | <0.050             | <0.050                      | <0.300                      |
| H16277-3                    | 3 C       | <0.050             | <0.050             | <0.050                      | <0.300                      |
| H16277-4                    | 4 SE      | <0.050             | <0.050             | <0.050                      | <0.300                      |
| H16277-5                    | 5 NE      | <0.050             | <0.050             | <0.050                      | <0.300                      |
|                             |           |                    |                    |                             |                             |
|                             |           |                    |                    |                             |                             |
|                             |           |                    |                    |                             |                             |
| Quality Control             |           | 0.042              | 0.055              | 0.055                       | 0.160                       |
| True Value QC               |           | 0.050              | 0.050              | 0.050                       | 0.150                       |
| % Recovery                  |           | 84.0               | 110                | 110                         | 107                         |
| Relative Percent Difference |           | 12.0               | 0.9                | 1.8                         | 1.8                         |

METHOD: EPA SW-846 8021B

TEXAS NELAP CERTIFICATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,  
AND TOTAL XYLENES.

Chemist

Date

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# CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |               |              |                                                                                                                                                                                                                                           |                                |                         |      |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <b>Company Name:</b> <u>Sweatt</u><br><b>Project Manager:</b> <u>Greg</u><br><b>Address:</b> <u>PO Box 827</u><br><b>City:</b> <u>Artesia</u> <b>State:</b> <u>NM</u> <b>Zip:</b> <u>88210</u><br><b>Phone #:</b> <u>575-748-1230</u> <b>Fax #:</b> <u>575-748-1230</u><br><b>Project #:</b> <u>Western Reserves</u> <b>Project Owner:</b> <u>Lake MSHillars 21 #002</u><br><b>Project Name:</b> <u>Lake MSHillars 21 #002</u><br><b>Project Location:</b> <u>Lake MSHillars 21 #002</u><br><b>Sampler Name:</b> <u></u> |             |               |              | <b>BILL TO</b><br><b>P.O. #:</b> <u></u><br><b>Company:</b> <u></u><br><b>Attn:</b> <u></u><br><b>Address:</b> <u></u><br><b>City:</b> <u></u> <b>State:</b> <u></u> <b>Zip:</b> <u></u><br><b>Phone #:</b> <u></u> <b>Fax #:</b> <u></u> |                                | <b>ANALYSIS REQUEST</b> |      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lab I.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Sample I.D. | GRAB OR COMP? | # CONTAINERS | MATRIX                                                                                                                                                                                                                                    | PRESERV                        | SAMPLING                |      |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |               |              | GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL<br>SLUDGE<br>OTHER                                                                                                                                                                               | ACID/BASE<br>ICE/COOL<br>OTHER | DATE                    | TIME |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H/6277-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1-SW        |               |              |                                                                                                                                                                                                                                           |                                |                         |      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2-1W        |               |              |                                                                                                                                                                                                                                           |                                |                         |      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3-C         |               |              |                                                                                                                                                                                                                                           |                                |                         |      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4-SE        |               |              |                                                                                                                                                                                                                                           |                                |                         |      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5-NR        |               |              |                                                                                                                                                                                                                                           |                                |                         |      |  |  |  |  |  |  |  |  |  |  |  |  |  |

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|                                                                               |                                                         |                                                                  |                                              |                                                                                                                                                                                                  |                                                       |
|-------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <b>Sampler Relinquished:</b><br><u>[Signature]</u><br><b>Relinquished By:</b> | <b>Date:</b> <u>11-6-08</u><br><b>Time:</b> <u>9:40</u> | <b>Received By:</b><br><u>[Signature]</u><br><b>Received By:</b> | <b>Date:</b> <u></u><br><b>Time:</b> <u></u> | <b>Phone Result:</b> <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: <u></u><br><b>Fax Result:</b> <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #: <u></u> | <b>REMARKS:</b><br><u>email to Mike Bratcher 1/08</u> |
|-------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|

|                                                                           |                      |                                                                                                     |                                          |
|---------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------|
| <b>Delivered By:</b> (Circle One)<br>Sampler - UPS - Bus - Other: <u></u> | <b>Temp.</b> <u></u> | <b>Sample Condition:</b><br>Cool Intact<br><input type="checkbox"/> Yes <input type="checkbox"/> No | <b>CHECKED BY:</b><br><u>[Signature]</u> |
|---------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------|

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.