

**1R -** 269

# **REPORTS**

**DATE:**

2003



633 Seventeenth Street  
Suite 1550  
Denver, Colorado 80202-3622

February 12, 2003

VIA OVERNIGHT MAIL

Mr. William C. Olson  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87504

**RE: Progress Report for Year 2002  
Tatum Pit Closure Project  
Lea County, NM**

Dear Mr. Olson:

Please find enclosed the 2002 results from our monitor wells in the subject project area. This report summarizes the results from water samples taken on February 16, April 3, June 7 and October 19, 2002. These results represent 21 quarters of monitoring. In general, we are continuing to observe decreasing levels of BTEX in the monitor wells.

The Executive Summary section contains the following:

- Discussion of results by location.
- Map of pit reclamation locations.
- Chart of monitor well gradients.
- Monitor well location maps.
- Wellbore logs of recently drilled monitor wells.

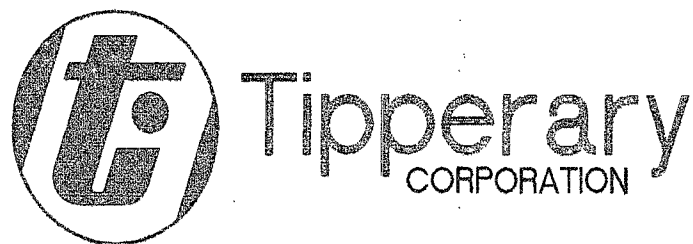
Detailed results are presented in tabular and graphical format for each monitor well. The monitor well data is grouped by site location in the report. The Exhibits Section contains the quarterly lab results and all associated quality control information. We will continue to sample the project quarterly and report the results to your office on an annual basis. If you have any questions, please call me at (303) 293-9379.

Very truly yours,

Larry G. Sugano  
Vice President - Engineering

cc: Mr. Paul Sheeley, NMOCD Hobbs Office

Enclosure

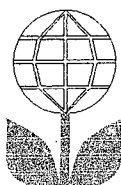


**Tipperary Corporation  
Annual Report  
Bagley Field  
Monitor Well Sampling Results**

**RECEIVED**

**FEB 13 2003**

ENVIRONMENTAL BUREAU  
OIL CONSERVATION DIVISION



**Whole Earth Environmental  
19606 San Gabriel  
Houston, Tx. 77084**



**Executive Summary  
Tipperary Corporation  
Bagley Field  
2002 Water Sampling Results**

**Activity Summary**

We began the year bailing and sampling the Bagley Field monitor wells using a new Grunfos pump and having made extensive revisions to our decontamination procedures. The changes allowed us not only to pump approximately twice the volumes from each well than our previous methods but also have a greater confidence in the actual results obtained.

**Iva Com**

The BTEX concentrations within the recovery well are up approximately 5% from last year but down over 90% from the initial sampling period of four years ago. We estimate that the present oil / water cut within the recovery well is 3% based on visual examination of the fluids within the collection tank. The outlying wells continue to show essentially non-detect levels. The windmill and, collection and storage equipment all appear to be in good working order.

**Mable Com**

The BTEX concentrations within the recovery well are down approximately 5% from the previous year and over 50% from the initial sampling period of four years ago. We estimate that the present oil / water cut within the recovery well is 5% based on visual examination of the fluids within the collection tank.

Monitor well # 3 continues to show a significant amount of DNAPL within the well bore. We estimate the hydrocarbon fraction to be 85% of the volumes collected. The BTEX segment of the contaminant stream makes up approximately .01% of the total volume.

Monitor well # 4 continues to show essentially non-detect BTEX concentrations.

A new delineation monitor well (# 35) was drilled and developed during the second quarter of the year. Two rounds of sampling show non-detect BTEX concentrations.

## **Bell**

Monitor well # 6 (nearest the pit), finished the year with two consecutive quarters of acceptable results after nineteen consecutive quarters of benzene concentrations in excess of standards.

Monitor well # 13 now has eleven consecutive quarters of acceptable results.

Monitor well # 14 shows a slight increase in benzene concentrations over the previous year but the overall BTEX concentrations are down approximately 78% over the initial 1998 results.

Monitor well # 25 now has thirteen consecutive quarters of acceptable results.

A new delineation monitor well (# 36) was drilled and developed during the second quarter of the year. The initial sample results showed non-detectable BTEX concentrations followed by a benzene concentration of 28 ppm. The most recent sampling conducted in late December and not included within this report are back to less than 1 ppm. The October results are most likely the result of cross contamination.

## **NBF**

The well nearest the pit (# 8) remains clean.

Monitor well # 15 contains approximately 20% free product and continues to show increased BTEX elevations. Prior to the introduction of the Grunfos, this bore was especially difficult to bail due to the amount of built up sediment in the bore. Aggressive bailing resulted in a migration of the contaminant plume within the well and hence, dramatic increases in the contaminant concentrations.

Monitor well # 16 remains in excess of standards but within normal limits. The BTEX concentrations have dropped 53% over the previous year and 43% over the initial reporting period.

Monitor well # 26 remained within standards for three consecutive quarters and then increased dramatically in October. Results for December of 2002 (not included within this report) dropped back to non-detect concentrations indicating once again a probable cross contamination problem with the equipment.

A new delineation monitor well (# 37) was drilled and developed during the second quarter of the year and shows two consecutive quarters of non-detectable BTEX concentrations.

## **Sohio # 1**

The three wells nearest the pit all contain free product and sulfides within the bores. We estimate the amount to be between 5-10% of fluid volume. The BTEX concentrations within the well nearest the pit (# 10) shows an increase of 85% over last years averages.

Monitor well # 17 again showed an increase in BTEX levels of 39% over the previous year and 154% over the initial sampling.

Monitor well # 18 again showed an increase in BTEX levels of 85% over the previous year and 455% over the initial sampling.

Monitor wells # 28 and # 29 fluctuate between non-detectable and minor BTEX concentrations.

The newest well, # 40 had a single spike in October. The newest readings, taken in December and not included within this report, show acceptable concentrations.

#### **Sohio A**

Monitor well # 11 (nearest the pit) shows a decline in overall BTEX concentrations of 41% over the previous years results and a marginal decline over the initial concentrations.

Monitor well # 19 continues to have ever increasing BTEX concentrations within the bore indicating that the main plume is traveling in a more westerly direction than the topography of the area would predict.

Monitor well # 20 has shown four consecutive quarters of acceptable results.

Monitor Well # 27 continues to display rather erratic readings – up one quarter and down the next. I believe that the June reading of non-detect BTEX was actually the results from well # 39 which was skipped in the June sampling round.

Well # 39 was skipped in both June and October due to an error of omission in our quarterly work plan for the Bagley Field Sampling Project. It was sampled in December and recorded a benzene concentration of .057 ppm. If the second quarter sampling results are again higher than WQCC standards, we will drill and complete yet another well in an attempt to delineate the plume spread.

#### **G.S. State**

The recovery well appears to be in good mechanical shape as does the collection and storage equipment. Observation of the storage tank indicates an oil / water cut ratio of approximately 93%.

Monitor well # 12 (nearest the pit) contains approximately 15% free product. BTEX concentrations continue to increase – possibly due to the drawdown created by additional bailing.

Monitor well # 21 shows a continuing decline in BTEX concentrations. Three of the past four quarter's results show acceptable concentrations.

Monitor well # **22** shows a continuing decline in BTEX concentrations. The last two quarter's results show acceptable concentrations for the first time ever.

Monitor well # **29** has shown four consecutive quarters of acceptable results.

The newest well, # **38** had significant development problems precluding us from effectively sampling it in the third quarter. We re-developed the bore and now have an effective 9.9' of water column. The December results (not included within this report) also show non-detect BTEX concentrations.

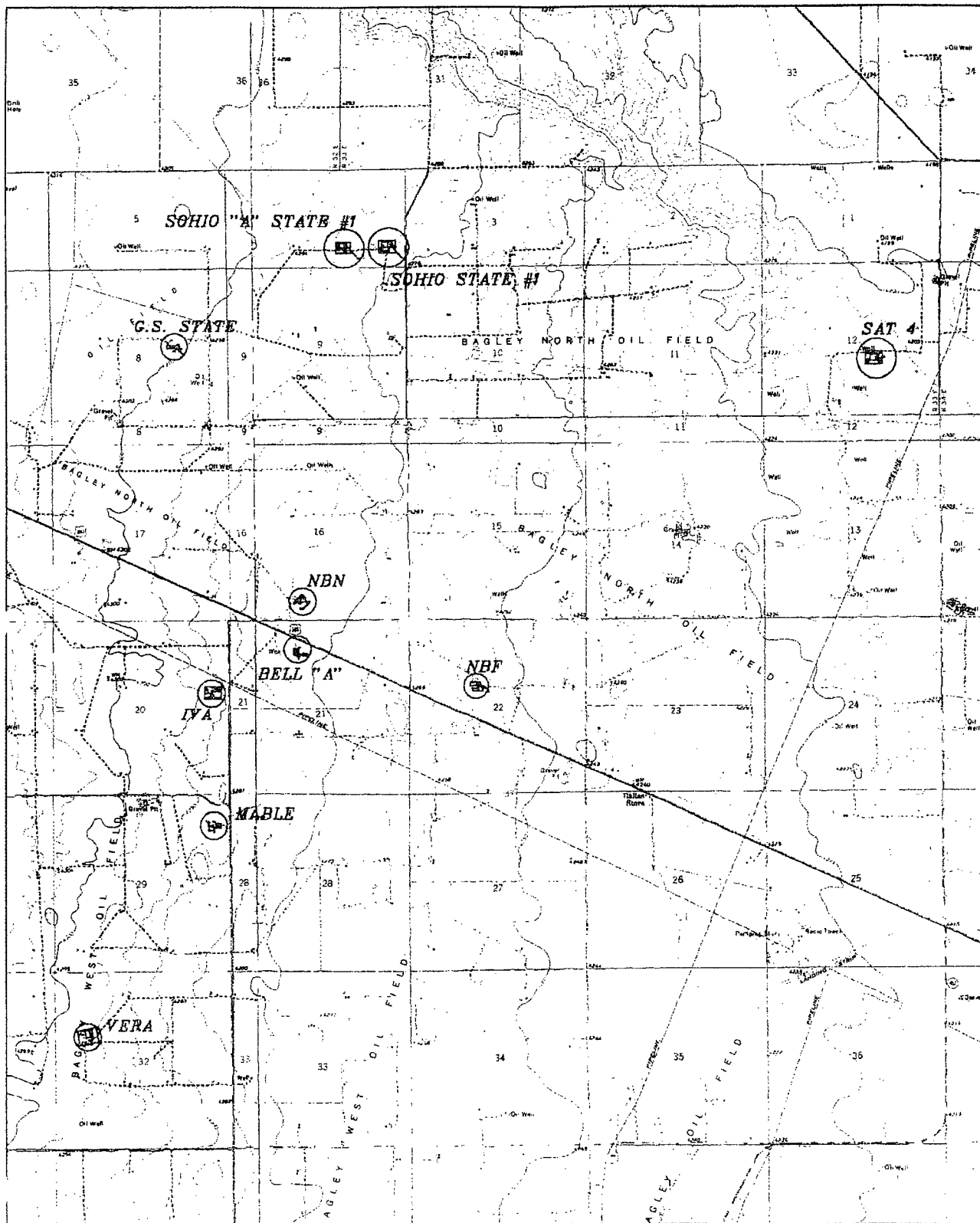
**Collier # 1**

The source well remains an open bore awaiting artificial lift equipment. BTEX concentrations within the bore have remained stable over four consecutive quarters.

Monitor wells # **33** & **34** remain marginally over WQCC standards.

The BTEX concentrations within monitor well # **35** have reached non-detectable concentrations.

# WHOLE EARTH ENVIROMENTAL, INC.



**EXHIBIT 9**

**BASIN SURVEYS** P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 9352

Drawn By: K. GOAD

Date: 10-21-99

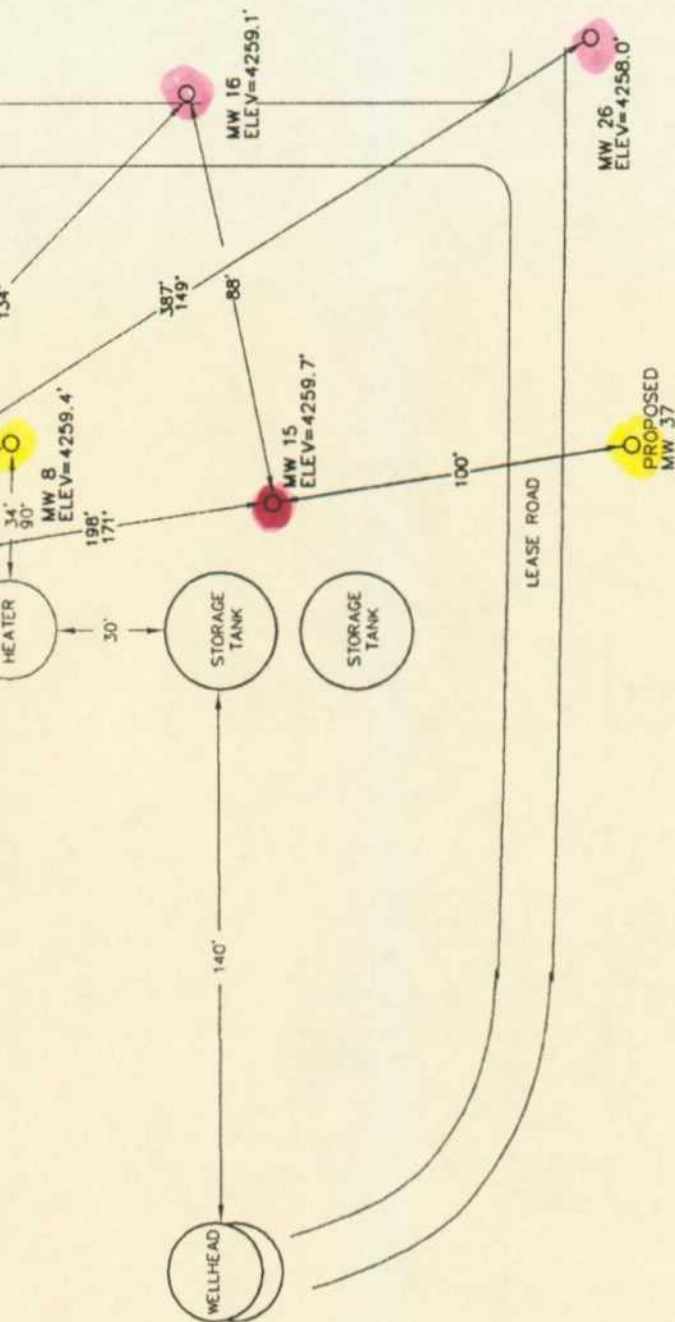
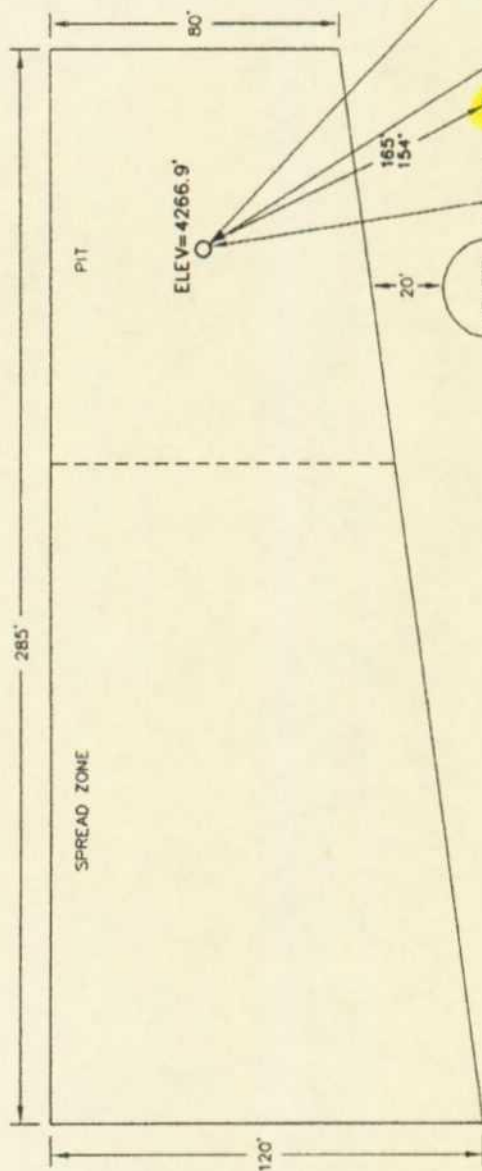
Disk: KJG #122 - WE9352.DWG

*Tipperary Corporation*  
**Tatum Bagley Field**  
**Monitor Well Gradient Chart**

| Well Name  | Well No.    | Surface Elevation | Water Elevation | Distance to Pit Center (Ft.) | Gradient (Ft. / Ft.) | Gradient (Ft. / 100Ft.) |
|------------|-------------|-------------------|-----------------|------------------------------|----------------------|-------------------------|
| Iva COM    | Source Well | 4,298.42          | 4,246.42        |                              |                      |                         |
|            | 1           | 4,292.10          | 4,237.20        | 115                          | 0.080174             | 8.02                    |
|            | 2           | 4,291.93          | 4,238.93        | 140                          | 0.053500             | 5.35                    |
| Mable COM  | Source Well | 4,290.55          | 4,238.55        |                              |                      |                         |
|            | 3           | 4,287.22          | 4,235.22        | 148                          | 0.022500             | 2.25                    |
|            | 4           | 4,287.86          | 4,235.46        | 160                          | 0.019313             | 1.93                    |
|            | 35          |                   |                 | 348                          |                      |                         |
| Bell State | 6           | 4,281.12          | 4,230.12        | 93                           | 0.021183             | 2.12                    |
|            | 13          | 4,280.84          | 4,233.04        | 51                           | 0.044118             | 4.41                    |
|            | 14          | 4,280.80          | 4,232.50        | 47                           | 0.048723             | 4.87                    |
|            | 25          | 4,280.37          | 4,232.97        | 154                          | 0.017662             | 1.77                    |
|            | 36          |                   |                 | 345                          |                      |                         |
| NBF        | 8           | 4,259.41          | 4,211.41        | 165                          | 0.045152             | 4.52                    |
|            | 15          | 4,259.68          | 4,212.68        | 198                          | 0.036263             | 3.63                    |
|            | 16          | 4,259.06          | 4,211.96        | 247                          | 0.031579             | 3.16                    |
|            | 26          | 4,258.04          | 4,215.04        | 387                          | 0.022791             | 2.28                    |
|            | 37          |                   |                 | 298                          |                      |                         |
| Sohio A    | 11          | 4,285.88          | 4,235.88        | 115                          | 0.011835             | 0.83                    |
|            | 19          | 4,285.97          | 4,237.27        | 164                          | 0.005305             | 0.53                    |
|            | 20          | 4,285.96          | 4,236.46        | 151                          | 0.005822             | 0.58                    |
|            | 27          | 4,285.61          | 4,245.61        | 264                          | 0.004659             | 0.47                    |
|            | 31          | 4,283.54          | 4,246.09        | 624                          | 0.005288             | 0.53                    |
|            | 39          |                   |                 | 944                          |                      |                         |
| Sohio # 1  | 10          | 4,283.63          | 4,233.63        | 110                          | 0.016273             | 1.63                    |
|            | 17          | 4,283.31          | 4,233.91        | 262                          | 0.000805             | 0.81                    |
|            | 18          | 4,283.59          | 4,234.99        | 176                          | 0.010398             | 1.04                    |
|            | 28          | 4,283.21          | 4,236.96        | 552                          | 0.004004             | 0.40                    |
|            | 30          | 4,281.13          | 4,235.82        | 776                          | 0.005528             | 0.55                    |
|            | 40          |                   |                 | 1,006                        |                      |                         |
| G.S. State | Source Well | 4,307.00          | 4,259.00        |                              |                      |                         |
|            | 12          | 4,303.27          | 4,255.27        | 52                           | 0.071731             | 7.17                    |
|            | 21          | 4,303.08          | 4,255.08        | 151                          | 0.025960             | 2.60                    |
|            | 22          | 4,302.77          | 4,255.27        | 148                          | 0.025203             | 2.52                    |
|            | 29          | 4,303.20          | 4,254.14        | 295                          | 0.016475             | 1.65                    |
|            | 38          |                   |                 | 351                          |                      |                         |
| Collier    | Source Well | 4292.10           | 4249.3          |                              |                      |                         |
|            | 33          | 4284.00           | 4240.40         | 400                          | 0.109000             | 10.90                   |
|            | 34          | 4281.20           | 4239.00         | 640                          | 0.065937             | 6.59                    |
|            | 35          | 4280.80           | 4237.40         | 919                          | 0.047225             | 4.72                    |

NBF

NBF



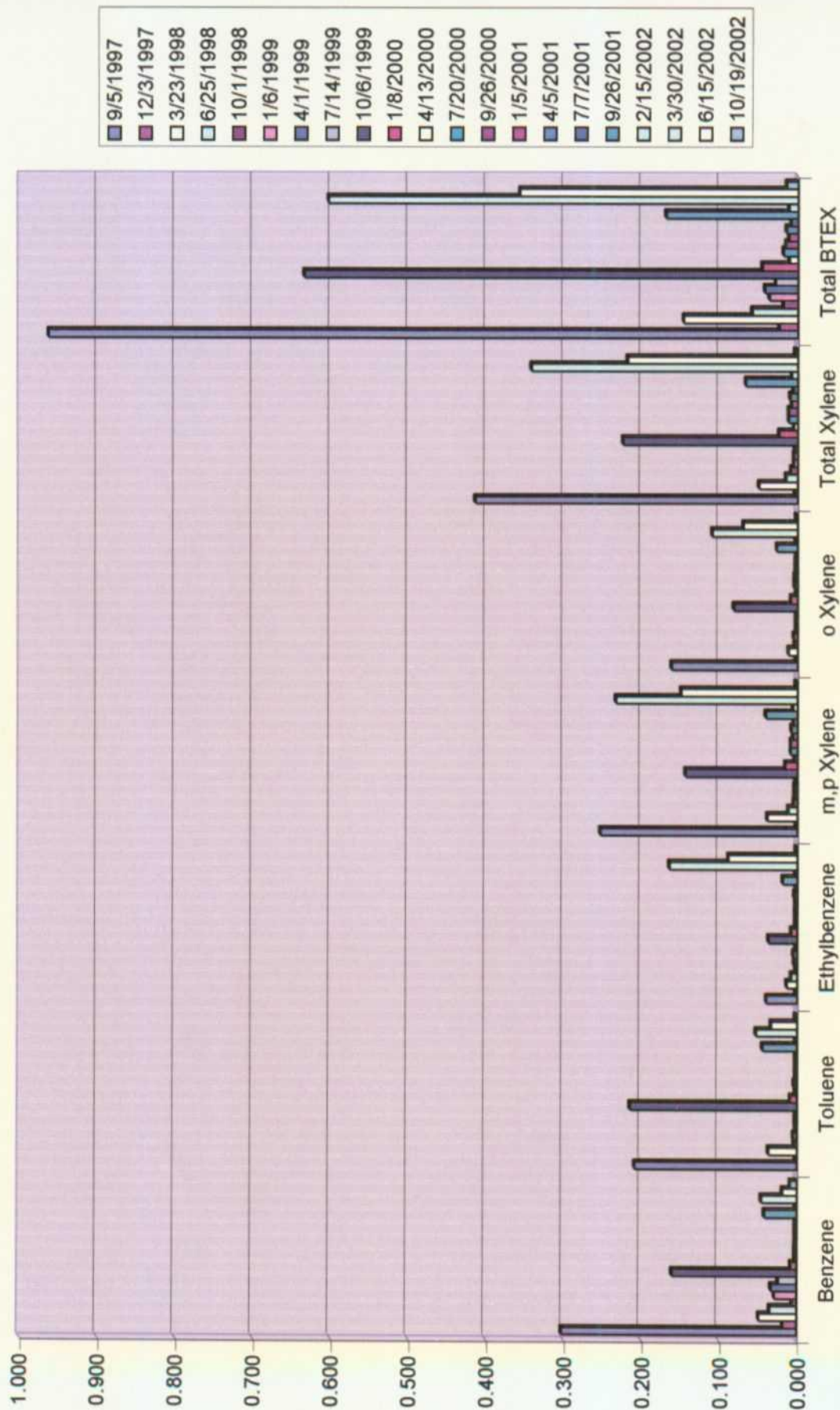
SCALE 1"=50'

EXHIBIT 3

Monitor Well # 8  
State NBF # 1  
Sampling Results

| Lab. #       | 12488    | 13175      | 14064     | 14883     | 15586     | 16602    | 17431    | 18594     | 20900     | 22781    | 25171     | 28483     | 31480     | 36147    | 38927    | 0101088-11 | 0101643-11 | 0202616-11 | 0203001-11 | 0203008-10 | 0204815-08 |
|--------------|----------|------------|-----------|-----------|-----------|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|------------|------------|------------|------------|------------|------------|
| Sample Date  | 6/6/1997 | 12/31/1997 | 3/23/1998 | 6/25/1998 | 10/1/1998 | 1/6/1999 | 4/1/1999 | 7/14/1999 | 10/6/1999 | 1/6/2000 | 4/13/2000 | 7/20/2000 | 9/26/2000 | 1/5/2001 | 4/5/2001 | 7/7/2001   | 9/26/2001  | 21/5/2002  | 3/30/2002  | 6/15/2002  | 10/19/2002 |
| Benzene      | 0.302    | 0.017      | 0.048     | 0.034     | 0.005     | 0.028    | 0.032    | 0.023     | 0.180     | 0.007    | 0.002     | 0.002     | 0.001     | 0.001    | 0.001    | 0.001      | 0.041      | 0.001      | 0.045      | 0.018      | 0.009      |
| Toluene      | 0.208    | 0.002      | 0.038     | 0.003     | 0.004     | 0.001    | 0.002    | 0.001     | 0.214     | 0.008    | 0.002     | 0.003     | 0.001     | 0.001    | 0.001    | 0.001      | 0.044      | 0.001      | 0.063      | 0.033      | 0.002      |
| Ethylbenzene | 0.039    | 0.001      | 0.013     | 0.007     | 0.001     | 0.003    | 0.004    | 0.001     | 0.036     | 0.007    | 0.002     | 0.002     | 0.002     | 0.002    | 0.003    | 0.001      | 0.018      | 0.002      | 0.164      | 0.088      | 0.001      |
| m,p Xylene   | 0.263    | 0.001      | 0.038     | 0.011     | 0.004     | 0.003    | 0.003    | 0.002     | 0.143     | 0.016    | 0.003     | 0.008     | 0.008     | 0.005    | 0.007    | 0.004      | 0.040      | 0.005      | 0.233      | 0.148      | 0.002      |
| o Xylene     | 0.181    | 0.002      | 0.011     | 0.003     | 0.004     | 0.001    | 0.001    | 0.001     | 0.081     | 0.008    | 0.001     | 0.003     | 0.003     | 0.002    | 0.002    | 0.001      | 0.026      | 0.002      | 0.109      | 0.069      | 0.001      |
| Total Xylene | 0.414    | 0.003      | 0.049     | 0.014     | 0.008     | 0.004    | 0.004    | 0.003     | 0.224     | 0.023    | 0.004     | 0.011     | 0.011     | 0.007    | 0.009    | 0.005      | 0.066      | 0.007      | 0.342      | 0.218      | 0.003      |
| Total BTEX   | 0.983    | 0.023      | 0.146     | 0.058     | 0.018     | 0.036    | 0.042    | 0.028     | 0.634     | 0.045    | 0.010     | 0.018     | 0.016     | 0.011    | 0.014    | 0.008      | 0.169      | 0.011      | 0.603      | 0.357      | 0.014      |

MW # 6



Monitor Well # 15  
State NBF # 1  
Sampling Results

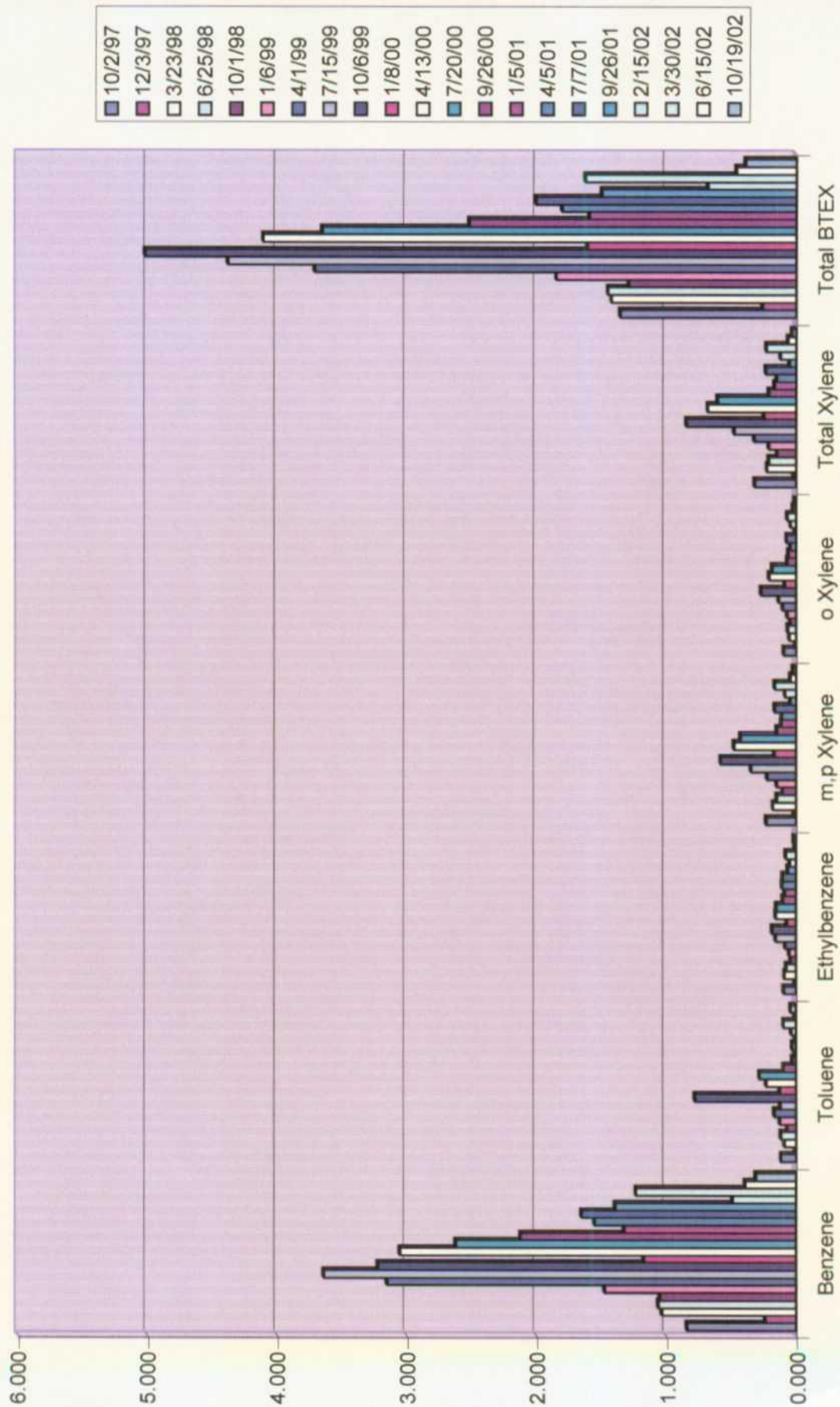
| Lab. #       | 12729   | 13133   | 14049   | 14664   | 15000   | 15008  | 17435  | 18602   | 20612   | 22756  | 25140   | 26445   | 31491   | 36145  | 38938  | 0101098-12 | 0101047-12 | 0002015-12 | 0301001-12 | 0203002-11 | 2004015-10 |
|--------------|---------|---------|---------|---------|---------|--------|--------|---------|---------|--------|---------|---------|---------|--------|--------|------------|------------|------------|------------|------------|------------|
| Sample Date  | 10/2/97 | 12/3/97 | 3/23/98 | 6/25/98 | 10/1/98 | 1/6/99 | 4/1/99 | 7/14/99 | 10/6/99 | 1/8/00 | 4/13/00 | 7/20/00 | 9/26/00 | 1/6/01 | 4/8/01 | 7/7/01     | 9/26/01    | 2/16/02    | 3/30/02    | 6/16/02    | 10/19/02   |
| Benzene      | 1.650   | 2.496   | 1.470   | 1.415   | 3.027   | 1.630  | 3.110  | 3.970   | 2.650   | 3.250  | 2.400   | 2.930   | 2.890   | 2.790  | 2.570  | 1.800      | 2.520      | 1.310      | 68.200     | 5.050      | 1.930      |
| Toluene      | 1.623   | 1.176   | 1.230   | 1.165   | 1.630   | 1.490  | 1.680  | 3.070   | 1.850   | 2.550  | 1.780   | 4.320   | 1.550   | 1.360  | 1.490  | 0.648      | 1.340      | 1.070      | 77.700     | 0.822      | 0.569      |
| Ethylbenzene | 0.381   | 0.138   | 0.364   | 0.270   | 0.225   | 0.182  | 0.214  | 0.438   | 0.303   | 0.336  | 0.254   | 0.656   | 0.239   | 0.249  | 0.308  | 0.260      | 0.331      | 1.060      | 159.000    | 5.340      | 2.280      |
| m,p Xylene   | 1.506   | 1.285   | 1.068   | 0.927   | 0.811   | 0.728  | 0.787  | 1.910   | 1.060   | 1.240  | 1.060   | 3.660   | 0.760   | 0.812  | 0.921  | 0.398      | 0.960      | 3.920      | 228.000    | 3.990      | 2.210      |
| o Xylene     | 0.772   | 0.411   | 0.466   | 0.412   | 0.363   | 0.350  | 0.435  | 0.886   | 0.612   | 0.654  | 0.540   | 8.660   | 2.400   | 0.493  | 0.481  | 0.409      | 0.562      | 2.100      | 133.000    | 1.790      | 1.220      |
| Total Xylene | 2.276   | 1.696   | 1.624   | 1.339   | 1.264   | 1.079  | 1.202  | 2.499   | 1.692   | 1.894  | 1.920   | 10.340  | 3.160   | 1.105  | 1.202  | 1.007      | 1.622      | 8.020      | 361.000    | 6.380      | 3.430      |
| Total BTEX   | 6.432   | 8.499   | 4.888   | 4.189   | 8.086   | 4.380  | 6.606  | 9.972   | 6.666   | 8.029  | 6.064   | 17.946  | 7.829   | 6.604  | 6.640  | 4.006      | 6.713      | 9.460      | 665.000    | 16.562     | 8.209      |



Monitor Well # 16  
State NBF # 1  
Sampling Results

| Lab. #       | 12700   | 13178   | 14000   | 14570   | 15008   | 16002  | 17430  | 18003   | 20813   | 22772  | 25141   | 28437   | 31482   | 36155  | 39226  | 5101098-13 | 0101542-13 | 0202818-13 | 0203001-13 | 0203602-13 | 0204818-13 |
|--------------|---------|---------|---------|---------|---------|--------|--------|---------|---------|--------|---------|---------|---------|--------|--------|------------|------------|------------|------------|------------|------------|
| Sample Date  | 10/2/97 | 12/3/97 | 3/23/98 | 6/26/98 | 10/1/98 | 1/6/99 | 4/1/99 | 7/16/99 | 10/6/99 | 1/8/00 | 4/13/00 | 7/20/00 | 8/24/00 | 1/6/01 | 4/6/01 | 7/7/01     | 9/26/01    | 2/16/02    | 3/30/02    | 6/16/02    | 10/18/02   |
| Benzene      | 0.835   | 0.234   | 1.029   | 1.058   | 1.046   | 1.470  | 3.150  | 3.640   | 3.220   | 1.170  | 3.050   | 2.620   | 2.120   | 1.320  | 1.550  | 1.650      | 1.360      | 0.484      | 1.230      | 0.389      | 0.308      |
| Toluene      | 0.111   | 0.003   | 0.086   | 0.113   | 0.066   | 0.122  | 0.164  | 0.116   | 0.778   | 0.122  | 0.226   | 0.278   | 0.092   | 0.023  | 0.005  | 0.028      | 0.001      | 0.032      | 0.092      | 0.006      | 0.038      |
| Ethylbenzene | 0.090   | 0.004   | 0.084   | 0.070   | 0.037   | 0.047  | 0.078  | 0.151   | 0.179   | 0.068  | 0.163   | 0.149   | 0.099   | 0.083  | 0.101  | 0.097      | 0.068      | 0.043      | 0.076      | 0.006      | 0.013      |
| m,p Xylene   | 0.224   | 0.012   | 0.173   | 0.145   | 0.100   | 0.144  | 0.219  | 0.343   | 0.579   | 0.183  | 0.473   | 0.424   | 0.143   | 0.110  | 0.104  | 0.156      | 0.041      | 0.080      | 0.190      | 0.039      | 0.021      |
| o Xylene     | 0.089   | 0.003   | 0.047   | 0.060   | 0.038   | 0.082  | 0.098  | 0.128   | 0.245   | 0.083  | 0.203   | 0.178   | 0.063   | 0.065  | 0.039  | 0.060      | 0.005      | 0.038      | 0.064      | 0.020      | 0.006      |
| Total Xylene | 0.313   | 0.015   | 0.220   | 0.206   | 0.139   | 0.206  | 0.317  | 0.472   | 0.841   | 0.248  | 0.876   | 0.602   | 0.206   | 0.166  | 0.143  | 0.228      | 0.046      | 0.118      | 0.224      | 0.089      | 0.029      |
| Total BTEX   | 1.360   | 0.256   | 1.419   | 1.446   | 1.287   | 1.846  | 3.709  | 4.379   | 6.016   | 1.606  | 4.106   | 3.649   | 2.617   | 1.691  | 1.799  | 2.001      | 1.496      | 0.677      | 1.621      | 0.488      | 0.388      |

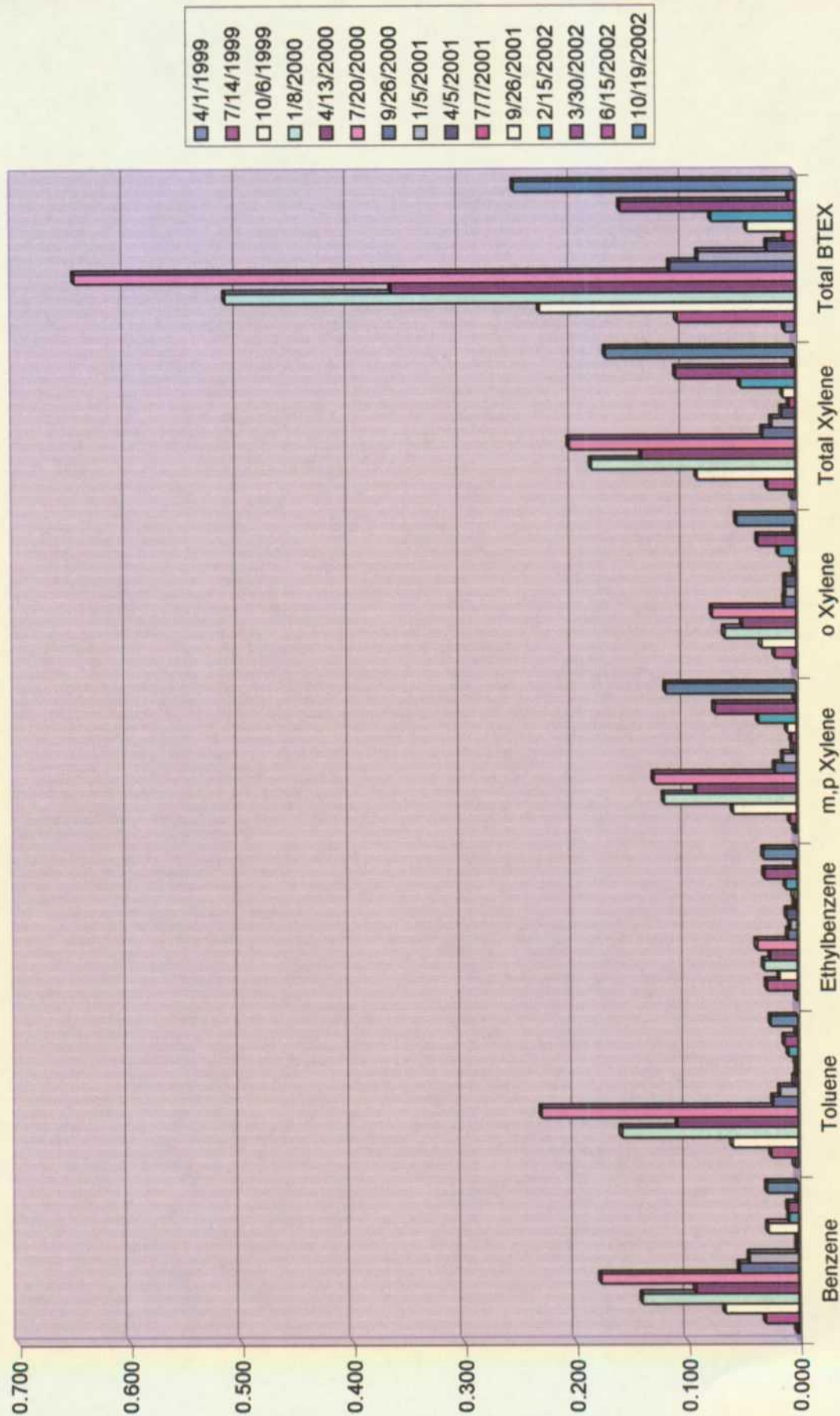
# MW # 16



Monitor Well # 26  
State NBF # 1  
Sampling Results

| Lab. #       | 17266    | 18610     | 20614     | 22788    | 25142     | 28455     | 31493     | 36146    | 38930    | 0101098-14 | 7/7/2001 | 9/26/2001 | 0202619-14 | 2/15/2002 | 3/30/2002 | 0203001-14 | 0203602-13 | 0204815-12 |
|--------------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|------------|----------|-----------|------------|-----------|-----------|------------|------------|------------|
| Sample Date  | 4/1/1999 | 7/14/1999 | 10/6/1999 | 1/8/2000 | 4/13/2000 | 7/20/2000 | 9/26/2000 | 1/5/2001 | 4/5/2001 | 0101098-14 | 7/7/2001 | 9/26/2001 | 0202619-14 | 2/15/2002 | 3/30/2002 | 0203001-14 | 0203602-13 | 0204815-12 |
| Benzene      | 0.002    | 0.030     | 0.066     | 0.140    | 0.092     | 0.177     | 0.053     | 0.044    | 0.001    | 0.001      | 0.001    | 0.027     | 0.008      | 0.008     | 0.009     | 0.001      | 0.001      | 0.028      |
| Toluene      | 0.003    | 0.024     | 0.059     | 0.158    | 0.108     | 0.230     | 0.022     | 0.016    | 0.003    | 0.001      | 0.001    | 0.002     | 0.008      | 0.008     | 0.012     | 0.001      | 0.001      | 0.024      |
| Ethylbenzene | 0.001    | 0.027     | 0.016     | 0.030    | 0.024     | 0.036     | 0.008     | 0.006    | 0.009    | 0.002      | 0.002    | 0.003     | 0.010      | 0.010     | 0.029     | 0.001      | 0.001      | 0.030      |
| m,p Xylene   | 0.002    | 0.006     | 0.057     | 0.119    | 0.090     | 0.128     | 0.019     | 0.012    | 0.003    | 0.004      | 0.004    | 0.008     | 0.034      | 0.034     | 0.073     | 0.001      | 0.001      | 0.117      |
| o Xylene     | 0.001    | 0.019     | 0.031     | 0.064    | 0.048     | 0.075     | 0.010     | 0.009    | 0.009    | 0.001      | 0.001    | 0.003     | 0.015      | 0.015     | 0.034     | 0.001      | 0.001      | 0.053      |
| Total Xylene | 0.003    | 0.025     | 0.088     | 0.183    | 0.138     | 0.203     | 0.029     | 0.021    | 0.012    | 0.005      | 0.005    | 0.011     | 0.049      | 0.049     | 0.107     | 0.002      | 0.002      | 0.170      |
| Total BTEX   | 0.009    | 0.106     | 0.229     | 0.511    | 0.362     | 0.646     | 0.112     | 0.087    | 0.025    | 0.009      | 0.009    | 0.043     | 0.075      | 0.075     | 0.157     | 0.005      | 0.005      | 0.252      |

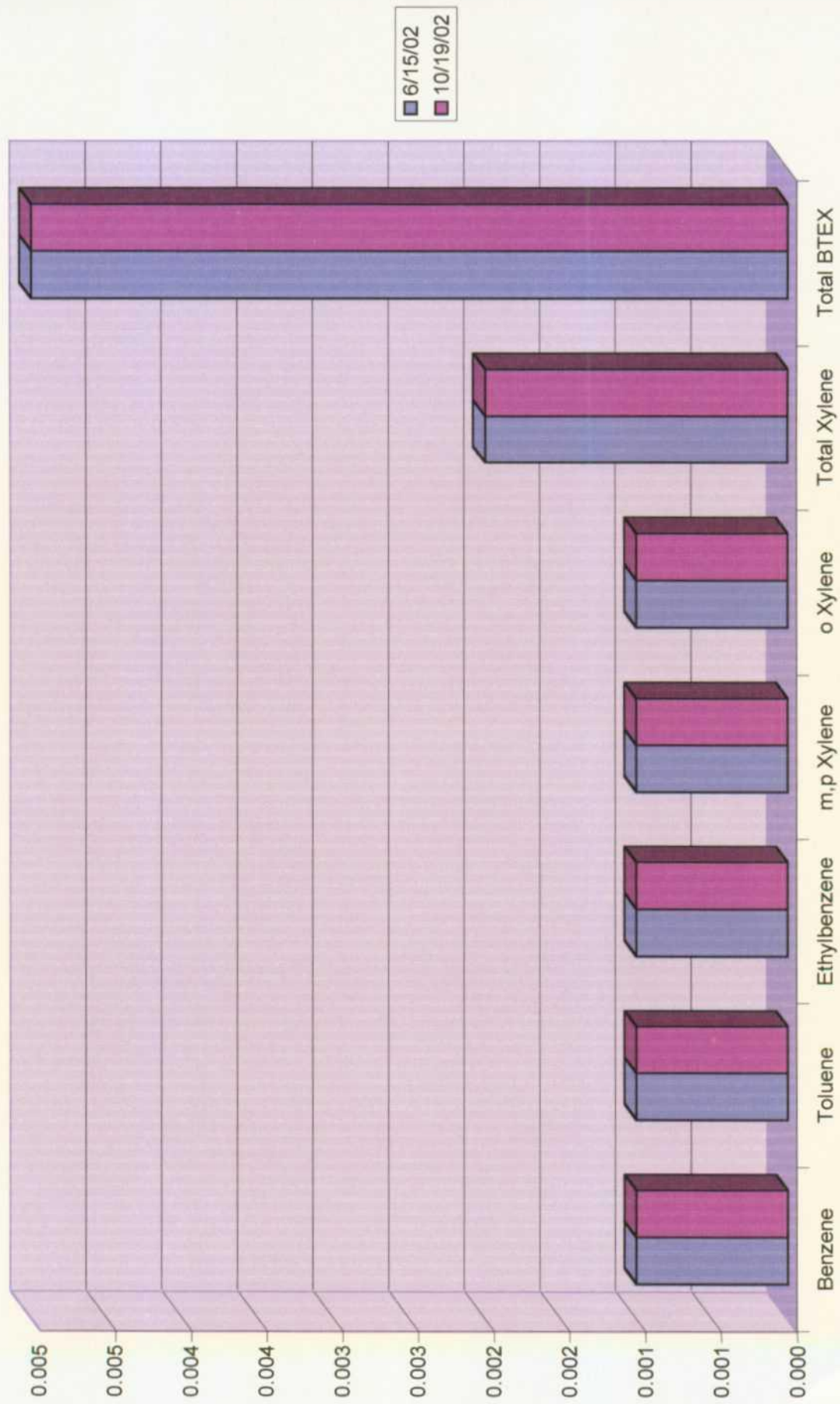
# MW # 26



NBF  
MW-37

| Lab. #       | 0203602-14 | 0204815-17 |
|--------------|------------|------------|
| Sample Date  | 6/15/02    | 10/19/02   |
| Benzene      | 0.001      | 0.001      |
| Toluene      | 0.001      | 0.001      |
| Ethylbenzene | 0.001      | 0.001      |
| m,p Xylene   | 0.001      | 0.001      |
| o Xylene     | 0.001      | 0.001      |
| Total Xylene | 0.002      | 0.002      |
| Total BTEX   | 0.005      | 0.005      |

MW # 37



**Atkins Engineering  
Associates, Inc.**

2904 W. 2nd St., Roswell, NM 88202-3156

**LOG OF BORING NBF MW47**

(Page 1 of 1)

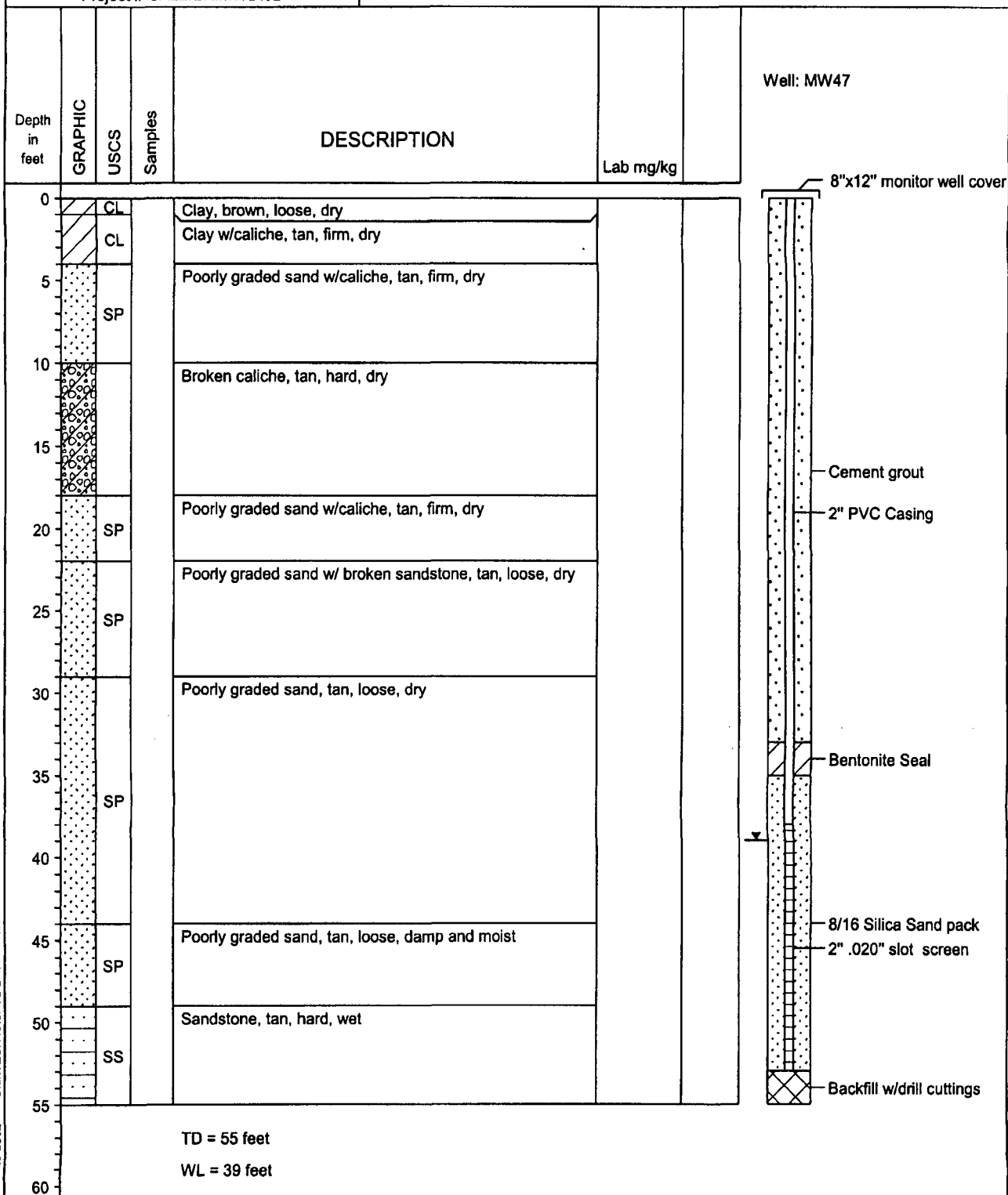
Whole Earth Environmental  
19606 San Gabriel  
Houston, Texas 77084

Contact Mike Griffin

Project # CALLIER.MWD.02

Date : 6/04/02  
Drill Start : 0730  
Drill End : 1530  
Boring Location : SE of Location

Site Location : Caprock, NM  
Auger Type : Hollow Stem  
Logged By : Mort Bates





## **Exhibits**

This section contains copies of the four individual quarterly laboratory sampling results and all associated quality control information.

# ENVIRONMENTAL LAB OF I, LTD.

"Don't Treat Your Soil Like Dirt!"

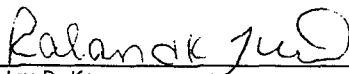
WHOLE EARTH ENVIRONMENTAL  
ATTN: MIKE GRIFFIN  
19606 SAN GABRIEL  
HOUSTON, TEXAS 77084  
FAX: 281-646-8996

Sample Type: Water  
Sample Condition: Intact/ Iced/ HCl/ -1.0 deg C  
Project Name: Quarterly Sampling  
Project #: None Given  
Project Location: Tatum, NM

Sampling Date: 02/16/02  
Receiving Date: 02/18/02  
Analysis Date: 02/20/02

| ELT#                  | FIELD CODE        | BENZENE<br>mg/L | TOLUENE<br>mg/L | ETHYLBENZENE<br>mg/L | m,p-XYLENE<br>mg/L | o-XYLENE<br>mg/L |
|-----------------------|-------------------|-----------------|-----------------|----------------------|--------------------|------------------|
| 0202619-01            | Iva Source Well   | 0.701           | 0.437           | 0.102                | 0.723              | 0.579            |
| 0202619-02            | Iva MW 1          | <0.001          | 0.001           | 0.004                | 0.012              | 0.004            |
| 0202619-03            | Iva MW 2          | <0.001          | <0.001          | 0.002                | 0.008              | 0.002            |
| 0202619-04            | Mable Source Well | 0.486           | 0.418           | 0.149                | 1.14               | 0.801            |
| 0202619-05            | Mable MW 3        | <0.050          | 0.116           | 0.118                | 0.395              | 0.139            |
| 0202619-06            | Mable MW 4        | 0.007           | 0.003           | 0.009                | 0.028              | 0.012            |
| 0202619-07            | Bell MW 6         | 0.022           | <0.001          | 0.005                | 0.008              | 0.002            |
| 0202619-08            | Bell MW 13        | <0.001          | <0.001          | 0.002                | 0.006              | 0.002            |
| 0202619-09            | Bell MW 14        | 0.378           | 0.003           | 0.005                | 0.023              | 0.004            |
| 0202619-10            | Bell MW 25        | <0.001          | <0.001          | 0.002                | 0.008              | 0.003            |
| 0202619-11            | (NBF MW 8 )       | 0.001           | <0.001          | 0.002                | 0.005              | 0.002            |
| 0202619-12            | (NBF MW 15 )      | 1.31            | 1.87            | 1.06                 | 3.92               | 2.10             |
| 0202619-13            | (NBF MW 16 )      | 0.484           | 0.032           | 0.043                | 0.080              | 0.038            |
| 0202619-14            | (NBF MW 26 )      | 0.008           | 0.008           | 0.010                | 0.034              | 0.015            |
| 0202619-15            | Sohio #1 MW 10    | 3.85            | 1.34            | 1.06                 | 5.00               | 2.20             |
| QUALITY CONTROL       |                   | 0.098           | 0.101           | 0.109                | 0.228              | 0.115            |
| TRUE VALUE            |                   | 0.100           | 0.100           | 0.100                | 0.200              | 0.100            |
| % INSTRUMENT ACCURACY |                   | 98              | 101             | 109                  | 114                | 115              |
| SPIKED AMOUNT         |                   | 0.100           | 0.100           | 0.100                | 0.200              | 0.100            |
| ORIGINAL SAMPLE       |                   | 0.001           | <0.001          | 0.002                | 0.005              | 0.002            |
| SPIKE                 |                   | 0.097           | 0.100           | 0.108                | 0.224              | 0.113            |
| SPIKE DUP             |                   | 0.096           | 0.098           | 0.108                | 0.224              | 0.115            |
| % EXTRACTION ACCURACY |                   | 96              | 100             | 106                  | 110                | 111              |
| BLANK                 |                   | <0.001          | <0.001          | <0.001               | <0.001             | <0.001           |
| RPD                   |                   | 1.04            | 2.02            | 0.00                 | 0.00               | 1.75             |

METHODS: EPA SW 846-8021B ,5030

  
Celey D. Keene  
Ralanda K. Tuttle

2-22-02  
Date

# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0203001  
Project:  
Project Name: Quarterly Sampling  
Location: Tatum New Mexico

Lab ID: 0203001-11  
Sample ID: NBF MW-8

### 8021B/5030 BTEX

|                               |                                |                                |                                |                                  |                |               |
|-------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------|---------------|
| <u>Method</u><br><u>Blank</u> | <u>Date</u><br><u>Prepared</u> | <u>Date</u><br><u>Analyzed</u> | <u>Sample</u><br><u>Amount</u> | <u>Dilution</u><br><u>Factor</u> | <u>Analyst</u> | <u>Method</u> |
| 0001159-02                    |                                | 4/9/02<br>14:43                | 1                              | 1                                | CK             | 8021B         |

| Parameter    | Result<br>μg/L | RL   |
|--------------|----------------|------|
| Benzene      | 44.9           | 1.00 |
| Ethylbenzene | 52.4           | 1.00 |
| Toluene      | 164            | 1.00 |
| p/m-Xylene   | 233            | 1.00 |
| o-Xylene     | 109            | 1.00 |

Lab ID: 0203001-12  
Sample ID: NBF MW-15

### 8021B/5030 BTEX

|                               |                                |                                |                                |                                  |                |               |
|-------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------|---------------|
| <u>Method</u><br><u>Blank</u> | <u>Date</u><br><u>Prepared</u> | <u>Date</u><br><u>Analyzed</u> | <u>Sample</u><br><u>Amount</u> | <u>Dilution</u><br><u>Factor</u> | <u>Analyst</u> | <u>Method</u> |
| 0001159-02                    |                                | 4/9/02<br>10:21                | 1                              | 100                              | CK             | 8021B         |

| Parameter    | Result<br>μg/L | RL  |
|--------------|----------------|-----|
| Benzene      | 68200          | 100 |
| Ethylbenzene | 77700          | 100 |
| Toluene      | 159000         | 100 |
| p/m-Xylene   | 228000         | 100 |
| o-Xylene     | 133000         | 100 |

DL = Diluted      N/A = Not      RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS I, LTD.      12600 West I-20 East, Odessa, TX 79765      Ph: 915-563-1800

# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0203001  
Project:  
Project Name: Quarterly Sampling  
Location: Tatum New Mexico

Lab ID: 0203001-13  
Sample ID: NBF MW-16

### 8021B/5030 BTEX

|                               |                                |                                |                                |                                  |                |               |
|-------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------|---------------|
| <u>Method</u><br><u>Blank</u> | <u>Date</u><br><u>Prepared</u> | <u>Date</u><br><u>Analyzed</u> | <u>Sample</u><br><u>Amount</u> | <u>Dilution</u><br><u>Factor</u> | <u>Analyst</u> | <u>Method</u> |
| 0001159-02                    |                                | 4/9/02<br>10:43                | 1                              | 5                                | CK             | 8021B         |

|              |        |      |
|--------------|--------|------|
| Parameter    | Result | RL   |
|              | µg/L   |      |
| Benzene      | 1230   | 5.00 |
| Ethylbenzene | 92.4   | 5.00 |
| Toluene      | 74.8   | 5.00 |
| p/m-Xylene   | 160    | 5.00 |
| o-Xylene     | 64.1   | 5.00 |

Lab ID: 0203001-14  
Sample ID: NBF MW-26

### 8021B/5030 BTEX

|                               |                                |                                |                                |                                  |                |               |
|-------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------|---------------|
| <u>Method</u><br><u>Blank</u> | <u>Date</u><br><u>Prepared</u> | <u>Date</u><br><u>Analyzed</u> | <u>Sample</u><br><u>Amount</u> | <u>Dilution</u><br><u>Factor</u> | <u>Analyst</u> | <u>Method</u> |
| 0001159-02                    |                                | 4/9/02<br>18:42                | 1                              | 1                                | CK             | 8021B         |

|              |        |      |
|--------------|--------|------|
| Parameter    | Result | RL   |
|              | µg/L   |      |
| Benzene      | 9.14   | 1.00 |
| Ethylbenzene | 12.1   | 1.00 |
| Toluene      | 29.3   | 1.00 |
| p/m-Xylene   | 73.3   | 1.00 |
| o-Xylene     | 34.2   | 1.00 |

DL = Diluted      N/A = Not      RL = Reporting Limit

Page 7 of 15

ENVIRONMENTAL LAB OF TEXAS I, LTD.      12600 West I-20 East, Odessa, TX 79765      Ph: 915-563-1800

# ANALYTICAL REPORT

## Prepared for:

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

**Project:** Quarterly Sampling  
**Order#:** G0203602  
**Report Date:** 07/01/2002

## Certificates

US EPA Laboratory Code TX00158

# ENVIRONMENTAL LAB OF TEXAS

## SAMPLE WORK LIST

WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084  
281-646-8996

Order#: G0203602  
Project:  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas.

| <u>Lab ID:</u> | <u>Sample :</u>              | <u>Matrix:</u> | <u>Date / Time</u><br><u>Collected</u> | <u>Date / Time</u><br><u>Received</u> | <u>Container</u> | <u>Preservative</u> |
|----------------|------------------------------|----------------|----------------------------------------|---------------------------------------|------------------|---------------------|
|                | 8021B/5030 BTEX              |                |                                        |                                       |                  |                     |
| 0203602-09     | Bell MW 36                   | WATER          | 6/6/02                                 | 6/10/02<br>9:17                       | See COC          | See COC             |
|                | <u>Lab Testing:</u>          | Rejected: No   |                                        | Temp: -2.5 C                          |                  |                     |
|                | 8021B/5030 BTEX              |                |                                        |                                       |                  |                     |
|                | Anions                       |                |                                        |                                       |                  |                     |
|                | Cations                      |                |                                        |                                       |                  |                     |
|                | Total Dissolved Solids (TDS) |                |                                        |                                       |                  |                     |
| 0203602-10     | NBF MW 8                     | WATER          | 6/6/02                                 | 6/10/02<br>9:17                       | See COC          | See COC             |
|                | <u>Lab Testing:</u>          | Rejected: No   |                                        | Temp: -2.5 C                          |                  |                     |
|                | 8021B/5030 BTEX              |                |                                        |                                       |                  |                     |
| 0203602-11     | NBF MW 15                    | WATER          | 6/6/02                                 | 6/10/02<br>9:17                       | See COC          | See COC             |
|                | <u>Lab Testing:</u>          | Rejected: No   |                                        | Temp: -2.5 C                          |                  |                     |
|                | 8021B/5030 BTEX              |                |                                        |                                       |                  |                     |
| 0203602-12     | NBF MW 16                    | WATER          | 6/6/02                                 | 6/10/02<br>9:17                       | See COC          | See COC             |
|                | <u>Lab Testing:</u>          | Rejected: No   |                                        | Temp: -2.5 C                          |                  |                     |
|                | 8021B/5030 BTEX              |                |                                        |                                       |                  |                     |
| 0203602-13     | NBF MW 26                    | WATER          | 6/6/02                                 | 6/10/02<br>9:17                       | See COC          | See COC             |
|                | <u>Lab Testing:</u>          | Rejected: No   |                                        | Temp: -2.5 C                          |                  |                     |
|                | 8021B/5030 BTEX              |                |                                        |                                       |                  |                     |
| 0203602-14     | NBF MW 37                    | WATER          | 6/6/02                                 | 6/10/02<br>9:17                       | See COC          | See COC             |
|                | <u>Lab Testing:</u>          | Rejected: No   |                                        | Temp: -2.5 C                          |                  |                     |
|                | 8021B/5030 BTEX              |                |                                        |                                       |                  |                     |
|                | Anions                       |                |                                        |                                       |                  |                     |
|                | Cations                      |                |                                        |                                       |                  |                     |
|                | Total Dissolved Solids (TDS) |                |                                        |                                       |                  |                     |
| 0203602-15     | Sohio #1 MW 10               | WATER          | 6/7/02                                 | 6/10/02<br>9:17                       | See COC          | See COC             |
|                | <u>Lab Testing:</u>          | Rejected: No   |                                        | Temp: -2.5 C                          |                  |                     |

# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0203602  
Project:  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0203602-09  
Sample ID: Bell MW 36

### 8021B/5030 BTEX

| <u>Method</u> | <u>Date</u>     | <u>Date</u>      | <u>Sample</u> | <u>Dilution</u> | <u>Analyst</u> | <u>Method</u> |
|---------------|-----------------|------------------|---------------|-----------------|----------------|---------------|
| <u>Blank</u>  | <u>Prepared</u> | <u>Analyzed</u>  | <u>Amount</u> | <u>Factor</u>   |                |               |
| 0002050-02    |                 | 6/16/02<br>15:08 | 1             | 1               | CK             | 8021B         |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.001          | 0.001 |
| Ethylbenzene | 0.005          | 0.001 |
| Toluene      | 0.002          | 0.001 |
| p/m-Xylene   | 0.016          | 0.001 |
| o-Xylene     | 0.005          | 0.001 |

Lab ID: 0203602-10  
Sample ID: NBF MW 8

### 8021B/5030 BTEX

| <u>Method</u> | <u>Date</u>     | <u>Date</u>      | <u>Sample</u> | <u>Dilution</u> | <u>Analyst</u> | <u>Method</u> |
|---------------|-----------------|------------------|---------------|-----------------|----------------|---------------|
| <u>Blank</u>  | <u>Prepared</u> | <u>Analyzed</u>  | <u>Amount</u> | <u>Factor</u>   |                |               |
| 0002050-02    |                 | 6/16/02<br>15:30 | 1             | 1               | CK             | 8021B         |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.018          | 0.001 |
| Ethylbenzene | 0.033          | 0.001 |
| Toluene      | 0.088          | 0.001 |
| p/m-Xylene   | 0.149          | 0.001 |
| o-Xylene     | 0.069          | 0.001 |

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0203602  
Project:  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0203602-11  
Sample ID: NBF MW 15

### 8021B/5030 BTEX

| Method     | Date     | Date             | Sample | Dilution | Analyst | Method |
|------------|----------|------------------|--------|----------|---------|--------|
| Blank      | Prepared | Analyzed         | Amount | Factor   |         |        |
| 0002050-02 |          | 6/16/02<br>15:52 | 1      | 100      | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 5.05           | 0.100 |
| Ethylbenzene | 0.822          | 0.100 |
| Toluene      | 5.34           | 0.100 |
| p/m-Xylene   | 3.59           | 0.100 |
| o-Xylene     | 1.79           | 0.100 |

Lab ID: 0203602-12  
Sample ID: NBF MW 16

### 8021B/5030 BTEX

| Method     | Date     | Date             | Sample | Dilution | Analyst | Method |
|------------|----------|------------------|--------|----------|---------|--------|
| Blank      | Prepared | Analyzed         | Amount | Factor   |         |        |
| 0002050-02 |          | 6/16/02<br>16:14 | 1      | 5        | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.388          | 0.005 |
| Ethylbenzene | <0.005         | 0.005 |
| Toluene      | 0.006          | 0.005 |
| p/m-Xylene   | 0.039          | 0.005 |
| o-Xylene     | 0.020          | 0.005 |

# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0203602  
Project:  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0203602-13  
Sample ID: NBF MW 26

### 8021B/5030 BTEX

| Method       | Date            | Date             | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>  | <u>Amount</u> | <u>Factor</u> |         |        |
| 0002050-02   |                 | 6/16/02<br>16:36 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | <0.001         | 0.001 |
| Ethylbenzene | <0.001         | 0.001 |
| Toluene      | <0.001         | 0.001 |
| p/m-Xylene   | <0.001         | 0.001 |
| o-Xylene     | <0.001         | 0.001 |

Lab ID: 0203602-14  
Sample ID: NBF MW 37

### 8021B/5030 BTEX

| Method       | Date            | Date             | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>  | <u>Amount</u> | <u>Factor</u> |         |        |
| 0002050-02   |                 | 6/16/02<br>16:58 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | <0.001         | 0.001 |
| Ethylbenzene | <0.001         | 0.001 |
| Toluene      | <0.001         | 0.001 |
| p/m-Xylene   | <0.001         | 0.001 |
| o-Xylene     | <0.001         | 0.001 |

# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0203602  
Project:  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0203602-14  
Sample ID: NBF MW 37

### Anions

| Parameter              | Result | Units | Dilution Factor | RL   | Method | Date Analyzed | Analyst |
|------------------------|--------|-------|-----------------|------|--------|---------------|---------|
| Bicarbonate Alkalinity | 146    | mg/L  | 1               | 2.00 | 310.1  | 6/11/02       | SB      |
| Carbonate Alkalinity   | <0.10  | mg/L  | 1               | 0.10 | 310.1  | 6/11/02       | SB      |
| Chloride               | 62.0   | mg/L  | 1               | 5.00 | 9253   | 6/11/02       | SB      |
| Hydroxide Alkalinity   | <0.10  | mg/L  | 1               | 0.10 | 310.1  | 6/11/02       | SB      |
| SULFATE, 375.4         | 237    | mg/L  | 8.33            | 4.16 | 375.4  | 6/13/02       | MB      |

### Cations

| Parameter | Result | Units | Dilution Factor | RL    | Method | Date Analyzed | Analyst |
|-----------|--------|-------|-----------------|-------|--------|---------------|---------|
| Calcium   | 78.7   | mg/L  | 10              | 0.10  | 7140   | 6/26/02       | CK      |
| Magnesium | 18.8   | mg/L  | 10              | 0.010 | 7460   | 6/26/02       | CK      |
| Potassium | 5.51   | mg/L  | 1               | 0.050 | 7610   | 6/26/02       | CK      |
| Sodium    | 55.0   | mg/L  | 10              | 0.10  | 7770   | 7/1/02        | MB      |

### Test Parameters

| Parameter                    | Result | Units | Dilution Factor | RL  | Method | Date Analyzed | Analyst |
|------------------------------|--------|-------|-----------------|-----|--------|---------------|---------|
| Total Dissolved Solids (TDS) | 511    | mg/L  | 1               | 5.0 | 160.1  | 6/11/02       | SB      |

Lab ID: 0203602-20  
Sample ID: Sohio #1 MW 40

### Anions

| Parameter              | Result | Units | Dilution Factor | RL   | Method | Date Analyzed | Analyst |
|------------------------|--------|-------|-----------------|------|--------|---------------|---------|
| Bicarbonate Alkalinity | 147    | mg/L  | 1               | 2.00 | 310.1  | 6/11/02       | SB      |
| Carbonate Alkalinity   | <0.10  | mg/L  | 1               | 0.10 | 310.1  | 6/11/02       | SB      |
| Chloride               | 67.9   | mg/L  | 1               | 5.00 | 9253   | 6/11/02       | SB      |
| Hydroxide Alkalinity   | <0.10  | mg/L  | 1               | 0.10 | 310.1  | 6/11/02       | SB      |
| SULFATE, 375.4         | 239    | mg/L  | 8.33            | 4.16 | 375.4  | 6/13/02       | MB      |

### Cations

| Parameter | Result | Units | Dilution Factor | RL    | Method | Date Analyzed | Analyst |
|-----------|--------|-------|-----------------|-------|--------|---------------|---------|
| Calcium   | 77.1   | mg/L  | 10              | 0.10  | 7140   | 6/26/02       | CK      |
| Magnesium | 27.5   | mg/L  | 10              | 0.010 | 7460   | 6/26/02       | CK      |
| Potassium | 6.09   | mg/L  | 1               | 0.050 | 7610   | 6/26/02       | CK      |
| Sodium    | 53.0   | mg/L  | 10              | 0.10  | 7770   | 7/1/02        | MB      |

### Test Parameters

| Parameter                    | Result | Units | Dilution Factor | RL  | Method | Date Analyzed | Analyst |
|------------------------------|--------|-------|-----------------|-----|--------|---------------|---------|
| Total Dissolved Solids (TDS) | 590    | mg/L  | 1               | 5.0 | 160.1  | 6/11/02       | SB      |

RL = Reporting Limit N/A = Not Applicable

Page 2 of 3

# ANALYTICAL REPORT

## Prepared for:

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Project: Quarterly Sampling

PO#:

Order#: G0204815

Report Date: 10/30/2002

## Certificates

US EPA Laboratory Code TX00158

# ENVIRONMENTAL LAB OF TEXAS

## SAMPLE WORK LIST

WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084  
281-646-8996

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

| <u>Lab ID:</u> | <u>Sample :</u>                        | <u>Matrix:</u> | <u>Date / Time</u><br><u>Collected</u> | <u>Date / Time</u><br><u>Received</u> | <u>Container</u> | <u>Preservative</u> |
|----------------|----------------------------------------|----------------|----------------------------------------|---------------------------------------|------------------|---------------------|
| 0204815-01     | Iva Source Well                        | WATER          | 10/19/02                               | 10/21/02<br>12:50                     | 40 mL VOA        | See COC             |
|                | <u>Lab Testing:</u><br>8021B/5030 BTEX | Rejected: No   |                                        | Temp: 3 C                             |                  |                     |
| 0204815-02     | Iva MW 1                               | WATER          | 10/19/02                               | 10/21/02<br>12:50                     | 40 mL VOA        | See COC             |
|                | <u>Lab Testing:</u><br>8021B/5030 BTEX | Rejected: No   |                                        | Temp: 3 C                             |                  |                     |
| 0204815-03     | Iva MW 2                               | WATER          | 10/19/02                               | 10/21/02<br>12:50                     | 40 mL VOA        | See COC             |
|                | <u>Lab Testing:</u><br>8021B/5030 BTEX | Rejected: No   |                                        | Temp: 3 C                             |                  |                     |
| 0204815-04     | Mable Source Well                      | WATER          | 10/19/02                               | 10/21/02<br>12:50                     | 40 mL VOA        | See COC             |
|                | <u>Lab Testing:</u><br>8021B/5030 BTEX | Rejected: No   |                                        | Temp: 3 C                             |                  |                     |
| 0204815-05     | Mable MW 3                             | WATER          | 10/19/02                               | 10/21/02<br>12:50                     | 40 mL VOA        | See COC             |
|                | <u>Lab Testing:</u><br>8021B/5030 BTEX | Rejected: No   |                                        | Temp: 3 C                             |                  |                     |
| 0204815-06     | Mable MW 4                             | WATER          | 10/19/02                               | 10/21/02<br>12:50                     | 40 mL VOA        | See COC             |
|                | <u>Lab Testing:</u><br>8021B/5030 BTEX | Rejected: No   |                                        | Temp: 3 C                             |                  |                     |
| 0204815-08     | Bell MW 6                              | WATER          | 10/19/02                               | 10/21/02<br>12:50                     | 40 mL VOA        | See COC             |
|                | <u>Lab Testing:</u><br>8021B/5030 BTEX | Rejected: No   |                                        | Temp: 3 C                             |                  |                     |
| 0204815-09     | Bell MW 13                             | WATER          | 10/19/02                               | 10/21/02<br>12:50                     | 40 mL VOA        | See COC             |
|                | <u>Lab Testing:</u><br>8021B/5030 BTEX | Rejected: No   |                                        | Temp: 3 C                             |                  |                     |

# ENVIRONMENTAL LAB OF TEXAS

## SAMPLE WORK LIST

WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084  
281-646-8996

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

| Lab ID:    | Sample:             | Matrix:      | Date / Time | Date / Time       | Container | Preservative |
|------------|---------------------|--------------|-------------|-------------------|-----------|--------------|
|            |                     |              | Collected   | Received          |           |              |
| 0204815-10 | Bell MW 14          | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |
| 0204815-11 | Bell MW 25          | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |
| 0204815-12 | Bell MW 36          | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |
| 0204815-13 | NBF MW 8            | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |
| 0204815-14 | NBF MW 15           | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |
| 0204815-15 | NBF MW 16           | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |
| 0204815-16 | NBF MW 26           | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |
| 0204815-17 | NBF MW 37           | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |

# ENVIRONMENTAL LAB OF TEXAS

## SAMPLE WORK LIST

WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084  
281-646-8996

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

| Lab ID:    | Sample :            | Matrix:      | Date / Time | Date / Time       | Container | Preservative |
|------------|---------------------|--------------|-------------|-------------------|-----------|--------------|
|            |                     |              | Collected   | Received          |           |              |
| 0204815-18 | Sohio #1 MW 10      | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |
| 0204815-19 | Sohio #1 MW 17      | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |
| 0204815-20 | Sohio #1 MW 18      | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |
| 0204815-21 | Sohio #1 MW 28      | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |
| 0204815-22 | Sohio #1 MW 30      | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |
| 0204815-23 | Sohio #1 MW 40      | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |
| 0204815-24 | Sohio "A" MW 11     | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |
| 0204815-25 | Sohio "A" MW 19     | WATER        | 10/19/02    | 10/21/02<br>12:50 | 40 mL VOA | See COC      |
|            | <u>Lab Testing:</u> | Rejected: No |             | Temp: 3 C         |           |              |
|            | 8021B/5030 BTEX     |              |             |                   |           |              |

# ENVIRONMENTAL LAB OF TEXAS

## SAMPLE WORK LIST

WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084  
281-646-8996

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

| <u>Lab ID:</u> | <u>Sample :</u>     | <u>Matrix:</u> | <u>Date / Time</u> | <u>Date / Time</u> | <u>Container</u> | <u>Preservative</u> |
|----------------|---------------------|----------------|--------------------|--------------------|------------------|---------------------|
|                |                     |                | <u>Collected</u>   | <u>Received</u>    |                  |                     |
| 0204815-26     | Sohio "A" MW 20     | WATER          | 10/19/02           | 10/21/02<br>12:50  | 40 mL VOA        | See COC             |
|                | <u>Lab Testing:</u> | Rejected: No   |                    | Temp: 3 C          |                  |                     |
|                | 8021B/5030 BTEX     |                |                    |                    |                  |                     |
| 0204815-27     | Sohio "A" MW 27     | WATER          | 10/19/02           | 10/21/02<br>12:50  | 40 mL VOA        | See COC             |
|                | <u>Lab Testing:</u> | Rejected: No   |                    | Temp: 3 C          |                  |                     |
|                | 8021B/5030 BTEX     |                |                    |                    |                  |                     |
| 0204815-28     | Sohio "A" MW 31     | WATER          | 10/19/02           | 10/21/02<br>12:50  | 40 mL VOA        | See COC             |
|                | <u>Lab Testing:</u> | Rejected: No   |                    | Temp: 3 C          |                  |                     |
|                | 8021B/5030 BTEX     |                |                    |                    |                  |                     |
| 0204815-29     | GS Source Well      | WATER          | 10/19/02           | 10/21/02<br>12:50  | 40 mL VOA        | See COC             |
|                | <u>Lab Testing:</u> | Rejected: No   |                    | Temp: 3 C          |                  |                     |
|                | 8021B/5030 BTEX     |                |                    |                    |                  |                     |
| 0204815-30     | GS MW 12            | WATER          | 10/19/02           | 10/21/02<br>12:50  | 40 mL VOA        | See COC             |
|                | <u>Lab Testing:</u> | Rejected: No   |                    | Temp: 3 C          |                  |                     |
|                | 8021B/5030 BTEX     |                |                    |                    |                  |                     |

# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0204815-01  
Sample ID: Iva Source Well

### 8021B/5030 BTEX

| Method<br>Blank | Date<br>Prepared | Date<br>Analyzed  | Sample<br>Amount | Dilution<br>Factor | Analyst | Method |
|-----------------|------------------|-------------------|------------------|--------------------|---------|--------|
| 0003551-02      |                  | 10/28/02<br>13:50 | 1                | 1                  | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.411          | 0.001 |
| Ethylbenzene | 0.043          | 0.001 |
| Toluene      | 0.080          | 0.001 |
| p/m-Xylene   | 0.487          | 0.001 |
| o-Xylene     | 0.380          | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 110%        | 80            | 120 |
| Bromofluorobenzene | 105%        | 80            | 120 |

Lab ID: 0204815-02  
Sample ID: Iva MW 1

### 8021B/5030 BTEX

| Method<br>Blank | Date<br>Prepared | Date<br>Analyzed  | Sample<br>Amount | Dilution<br>Factor | Analyst | Method |
|-----------------|------------------|-------------------|------------------|--------------------|---------|--------|
| 0003551-02      |                  | 10/28/02<br>14:12 | 1                | 1                  | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | <0.001         | 0.001 |
| Ethylbenzene | 0.002          | 0.001 |
| Toluene      | <0.001         | 0.001 |
| p/m-Xylene   | 0.004          | 0.001 |
| o-Xylene     | 0.002          | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 91%         | 80            | 120 |
| Bromofluorobenzene | 90%         | 80            | 120 |

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0204815-03  
Sample ID: Iva MW 2

### 8021B/5030 BTEX

| Method<br>Blank | Date<br>Prepared | Date<br>Analyzed  | Sample<br>Amount | Dilution<br>Factor | Analyst | Method |
|-----------------|------------------|-------------------|------------------|--------------------|---------|--------|
| 0003551-02      |                  | 10/28/02<br>14:40 | 1                | 1                  | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | <0.001         | 0.001 |
| Ethylbenzene | 0.001          | 0.001 |
| Toluene      | <0.001         | 0.001 |
| p/m-Xylene   | 0.003          | 0.001 |
| o-Xylene     | 0.001          | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 85%         | 80            | 120 |
| Bromofluorobenzene | 88%         | 80            | 120 |

Lab ID: 0204815-04  
Sample ID: Mable Source Well

### 8021B/5030 BTEX

| Method<br>Blank | Date<br>Prepared | Date<br>Analyzed  | Sample<br>Amount | Dilution<br>Factor | Analyst | Method |
|-----------------|------------------|-------------------|------------------|--------------------|---------|--------|
| 0003551-02      |                  | 10/28/02<br>15:02 | 1                | 5                  | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.272          | 0.005 |
| Ethylbenzene | 0.093          | 0.005 |
| Toluene      | 0.216          | 0.005 |
| p/m-Xylene   | 0.878          | 0.005 |
| o-Xylene     | 0.649          | 0.005 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 109%        | 80            | 120 |
| Bromofluorobenzene | 96%         | 80            | 120 |

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0204815-05  
Sample ID: Mable MW 3

### 8021B/5030 BTEX

| Method<br><u>Blank</u> | Date<br><u>Prepared</u> | Date<br><u>Analyzed</u> | Sample<br><u>Amount</u> | Dilution<br><u>Factor</u> | Analyst | Method |
|------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------|--------|
| 0003551-02             |                         | 10/28/02<br>15:24       | 1                       | 10                        | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.622          | 0.010 |
| Ethylbenzene | 1.38           | 0.010 |
| Toluene      | 1.76           | 0.010 |
| p/m-Xylene   | 5.58           | 0.010 |
| o-Xylene     | 1.23           | 0.010 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 1560%       | 80            | 120 |
| Bromofluorobenzene | 186%        | 80            | 120 |

Lab ID: 0204815-06  
Sample ID: Mable MW 4

### 8021B/5030 BTEX

| Method<br><u>Blank</u> | Date<br><u>Prepared</u> | Date<br><u>Analyzed</u> | Sample<br><u>Amount</u> | Dilution<br><u>Factor</u> | Analyst | Method |
|------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------|--------|
| 0003551-02             |                         | 10/28/02<br>16:02       | 1                       | 1                         | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.002          | 0.001 |
| Ethylbenzene | 0.004          | 0.001 |
| Toluene      | 0.001          | 0.001 |
| p/m-Xylene   | 0.007          | 0.001 |
| o-Xylene     | 0.004          | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 102%        | 80            | 120 |
| Bromofluorobenzene | 98%         | 80            | 120 |

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0204815-08  
Sample ID: Bell MW 6

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003551-02   |                 | 10/28/02<br>16:24 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.008          | 0.001 |
| Ethylbenzene | 0.002          | 0.001 |
| Toluene      | <0.001         | 0.001 |
| p/m-Xylene   | 0.002          | 0.001 |
| o-Xylene     | <0.001         | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 92%         | 80            | 120 |
| Bromofluorobenzene | 95%         | 80            | 120 |

Lab ID: 0204815-09  
Sample ID: Bell MW 13

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003551-02   |                 | 10/28/02<br>16:47 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | <0.001         | 0.001 |
| Ethylbenzene | <0.001         | 0.001 |
| Toluene      | <0.001         | 0.001 |
| p/m-Xylene   | 0.003          | 0.001 |
| o-Xylene     | <0.001         | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 97%         | 80            | 120 |
| Bromofluorobenzene | 98%         | 80            | 120 |

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0204815-10  
Sample ID: Bell MW 14

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003551-02   |                 | 10/28/02<br>17:09 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.031          | 0.001 |
| Ethylbenzene | 0.001          | 0.001 |
| Toluene      | <0.001         | 0.001 |
| p/m-Xylene   | 0.002          | 0.001 |
| o-Xylene     | <0.001         | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 89%         | 80            | 120 |
| Bromofluorobenzene | 88%         | 80            | 120 |

Lab ID: 0204815-11  
Sample ID: Bell MW 25

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/28/02<br>20:27 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.001          | 0.001 |
| Ethylbenzene | 0.003          | 0.001 |
| Toluene      | 0.004          | 0.001 |
| p/m-Xylene   | 0.008          | 0.001 |
| o-Xylene     | 0.001          | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 110%        | 80            | 120 |
| Bromofluorobenzene | 102%        | 80            | 120 |

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0204815-12  
Sample ID: Bell MW 36

### 8021B/5030 BTEX

| Method       | Date            | Date             | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>  | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>9:19 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.028          | 0.001 |
| Ethylbenzene | 0.024          | 0.001 |
| Toluene      | 0.030          | 0.001 |
| p/m-Xylene   | 0.117          | 0.001 |
| o-Xylene     | 0.053          | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 122%        | 80            | 120 |
| Bromofluorobenzene | 100%        | 80            | 120 |

Lab ID: 0204815-13  
Sample ID: NBF MW 8

### 8021B/5030 BTEX

| Method       | Date            | Date             | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>  | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>9:41 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.018          | 0.001 |
| Ethylbenzene | 0.009          | 0.001 |
| Toluene      | 0.046          | 0.001 |
| p/m-Xylene   | 0.034          | 0.001 |
| o-Xylene     | 0.020          | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 97%         | 80            | 120 |
| Bromofluorobenzene | 95%         | 80            | 120 |

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0204815-14  
Sample ID: NBF MW 15

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>10:03 | 1             | 100           | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 1.93           | 0.100 |
| Ethylbenzene | 0.569          | 0.100 |
| Toluene      | 2.28           | 0.100 |
| p/m-Xylene   | 2.21           | 0.100 |
| o-Xylene     | 1.22           | 0.100 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 99%         | 80            | 120 |
| Bromofluorobenzene | 96%         | 80            | 120 |

Lab ID: 0204815-15  
Sample ID: NBF MW 16

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>10:25 | 1             | 5             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.308          | 0.005 |
| Ethylbenzene | 0.038          | 0.005 |
| Toluene      | 0.013          | 0.005 |
| p/m-Xylene   | 0.021          | 0.005 |
| o-Xylene     | 0.008          | 0.005 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 97%         | 80            | 120 |
| Bromofluorobenzene | 93%         | 80            | 120 |

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0204815-16  
Sample ID: NBF MW 26

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>10:47 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | <0.001         | 0.001 |
| Ethylbenzene | <0.001         | 0.001 |
| Toluene      | <0.001         | 0.001 |
| p/m-Xylene   | <0.001         | 0.001 |
| o-Xylene     | <0.001         | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 91%         | 80            | 120 |
| Bromofluorobenzene | 92%         | 80            | 120 |

Lab ID: 0204815-17  
Sample ID: NBF MW 37

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>11:09 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | <0.001         | 0.001 |
| Ethylbenzene | <0.001         | 0.001 |
| Toluene      | <0.001         | 0.001 |
| p/m-Xylene   | <0.001         | 0.001 |
| o-Xylene     | <0.001         | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 91%         | 80            | 120 |
| Bromofluorobenzene | 92%         | 80            | 120 |

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0204815-18  
Sample ID: Sohio #1 MW 10

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>11:31 | 1             | 10            | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.471          | 0.010 |
| Ethylbenzene | 0.087          | 0.010 |
| Toluene      | 0.099          | 0.010 |
| p/m-Xylene   | 0.327          | 0.010 |
| o-Xylene     | 0.158          | 0.010 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 108%        | 80            | 120 |
| Bromofluorobenzene | 94%         | 80            | 120 |

Lab ID: 0204815-19  
Sample ID: Sohio #1 MW 17

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>11:53 | 1             | 10            | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.830          | 0.010 |
| Ethylbenzene | 0.081          | 0.010 |
| Toluene      | <0.010         | 0.010 |
| p/m-Xylene   | 0.332          | 0.010 |
| o-Xylene     | 0.015          | 0.010 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 97%         | 80            | 120 |
| Bromofluorobenzene | 94%         | 80            | 120 |

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0204815-20  
Sample ID: Sohio #1 MW 18

### 8021B/5030 BTEX

| Method<br>Blank | Date<br>Prepared | Date<br>Analyzed  | Sample<br>Amount | Dilution<br>Factor | Analyst | Method |
|-----------------|------------------|-------------------|------------------|--------------------|---------|--------|
| 0003563-02      |                  | 10/29/02<br>12:15 | 1                | 100                | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 1.45           | 0.100 |
| Ethylbenzene | 0.317          | 0.100 |
| Toluene      | 0.920          | 0.100 |
| p/m-Xylene   | 1.81           | 0.100 |
| o-Xylene     | 0.994          | 0.100 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 92%         | 80            | 120 |
| Bromofluorobenzene | 86%         | 80            | 120 |

Lab ID: 0204815-21  
Sample ID: Sohio #1 MW 28

### 8021B/5030 BTEX

| Method<br>Blank | Date<br>Prepared | Date<br>Analyzed  | Sample<br>Amount | Dilution<br>Factor | Analyst | Method |
|-----------------|------------------|-------------------|------------------|--------------------|---------|--------|
| 0003563-02      |                  | 10/29/02<br>12:37 | 1                | 1                  | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.143          | 0.001 |
| Ethylbenzene | 0.014          | 0.001 |
| Toluene      | 0.104          | 0.001 |
| p/m-Xylene   | 0.160          | 0.001 |
| o-Xylene     | 0.163          | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 114%        | 80            | 120 |
| Bromofluorobenzene | 95%         | 80            | 120 |

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0204815-22  
Sample ID: Sohio #1 MW 30

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>12:59 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.042          | 0.001 |
| Ethylbenzene | 0.030          | 0.001 |
| Toluene      | 0.065          | 0.001 |
| p/m-Xylene   | 0.170          | 0.001 |
| o-Xylene     | 0.083          | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 124%        | 80            | 120 |
| Bromofluorobenzene | 92%         | 80            | 120 |

Lab ID: 0204815-23  
Sample ID: Sohio #1 MW 40

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>13:21 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.020          | 0.001 |
| Ethylbenzene | 0.021          | 0.001 |
| Toluene      | 0.037          | 0.001 |
| p/m-Xylene   | 0.122          | 0.001 |
| o-Xylene     | 0.057          | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 108%        | 80            | 120 |
| Bromofluorobenzene | 92%         | 80            | 120 |

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0204815-24  
Sample ID: Sohio "A" MW 11

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>13:44 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.020          | 0.001 |
| Ethylbenzene | 0.007          | 0.001 |
| Toluene      | 0.002          | 0.001 |
| p/m-Xylene   | 0.034          | 0.001 |
| o-Xylene     | 0.009          | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 97%         | 80            | 120 |
| Bromofluorobenzene | 91%         | 80            | 120 |

Lab ID: 0204815-25  
Sample ID: Sohio "A" MW 19

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>14:57 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.368          | 0.001 |
| Ethylbenzene | 0.007          | 0.001 |
| Toluene      | 0.002          | 0.001 |
| p/m-Xylene   | 0.036          | 0.001 |
| o-Xylene     | 0.008          | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 99%         | 80            | 120 |
| Bromofluorobenzene | 91%         | 80            | 120 |

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0204815-26  
Sample ID: Sohio "A" MW 20

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>15:19 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.004          | 0.001 |
| Ethylbenzene | 0.008          | 0.001 |
| Toluene      | 0.002          | 0.001 |
| p/m-Xylene   | 0.039          | 0.001 |
| o-Xylene     | 0.009          | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 93%         | 80            | 120 |
| Bromofluorobenzene | 85%         | 80            | 120 |

Lab ID: 0204815-27  
Sample ID: Sohio "A" MW 27

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>15:41 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.178          | 0.001 |
| Ethylbenzene | 0.011          | 0.001 |
| Toluene      | 0.003          | 0.001 |
| p/m-Xylene   | 0.056          | 0.001 |
| o-Xylene     | 0.013          | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 109%        | 80            | 120 |
| Bromofluorobenzene | 94%         | 80            | 120 |

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0204815-28  
Sample ID: Sohio "A" MW 31

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>16:03 | 1             | 1             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.322          | 0.001 |
| Ethylbenzene | 0.011          | 0.001 |
| Toluene      | 0.004          | 0.001 |
| p/m-Xylene   | 0.068          | 0.001 |
| o-Xylene     | 0.018          | 0.001 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 120%        | 80            | 120 |
| Bromofluorobenzene | 97%         | 80            | 120 |

Lab ID: 0204815-29  
Sample ID: GS Source Well

### 8021B/5030 BTEX

| Method       | Date            | Date              | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|-------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>   | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/29/02<br>16:25 | 1             | 5             | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL    |
|--------------|----------------|-------|
| Benzene      | 0.621          | 0.005 |
| Ethylbenzene | 0.331          | 0.005 |
| Toluene      | 0.441          | 0.005 |
| p/m-Xylene   | 1.75           | 0.005 |
| o-Xylene     | 0.852          | 0.005 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 480%        | 80            | 120 |
| Bromofluorobenzene | 121%        | 80            | 120 |

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

MIKE GRIFFIN  
WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

Order#: G0204815  
Project: None Given  
Project Name: Quarterly Sampling  
Location: Tatum, New Mexico

Lab ID: 0204815-30  
Sample ID: GS MW 12

### 8021B/5030 BTEX

| Method       | Date            | Date             | Sample        | Dilution      | Analyst | Method |
|--------------|-----------------|------------------|---------------|---------------|---------|--------|
| <u>Blank</u> | <u>Prepared</u> | <u>Analyzed</u>  | <u>Amount</u> | <u>Factor</u> |         |        |
| 0003563-02   |                 | 10/30/02<br>9:21 | 1             | 1000          | CK      | 8021B  |

| Parameter    | Result<br>mg/L | RL   |
|--------------|----------------|------|
| Benzene      | 3.65           | 1.00 |
| Ethylbenzene | 4.16           | 1.00 |
| Toluene      | 2.79           | 1.00 |
| p/m-Xylene   | 23.9           | 1.00 |
| o-Xylene     | 3.68           | 1.00 |

| Surrogates         | % Recovered | QC Limits (%) |     |
|--------------------|-------------|---------------|-----|
| aaa-Toluene        | 140%        | 80            | 120 |
| Bromofluorobenzene | 105%        | 80            | 120 |

Approval: Raland K Tuttle 10-31-02  
Raland K. Tuttle, Lab Director, QA Officer Date  
Celey D. Keene, Org. Tech. Director  
Jeanne McMurrey, Inorg. Tech. Director  
Sandra Biezugbe, Lab Tech.  
Sara Molina, Lab Tech.

# CASE NARRATIVE

## ENVIRONMENTAL LAB OF TEXAS

**Prepared for:**

WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

**Order#:** G0204815

**Project:** Quarterly Sampling

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

| SAMPLE ID         | LAB ID     | MATRIX | Date Collected | Date Received |
|-------------------|------------|--------|----------------|---------------|
| Iva Source Well   | 0204815-01 | WATER  | 10/19/2002     | 10/21/2002    |
| Iva MW 1          | 0204815-02 | WATER  | 10/19/2002     | 10/21/2002    |
| Iva MW 2          | 0204815-03 | WATER  | 10/19/2002     | 10/21/2002    |
| Mable Source Well | 0204815-04 | WATER  | 10/19/2002     | 10/21/2002    |
| Mable MW 3        | 0204815-05 | WATER  | 10/19/2002     | 10/21/2002    |
| Mable MW 4        | 0204815-06 | WATER  | 10/19/2002     | 10/21/2002    |
| Bell MW 6         | 0204815-08 | WATER  | 10/19/2002     | 10/21/2002    |
| Bell MW 13        | 0204815-09 | WATER  | 10/19/2002     | 10/21/2002    |
| Bell MW 14        | 0204815-10 | WATER  | 10/19/2002     | 10/21/2002    |
| Bell MW 25        | 0204815-11 | WATER  | 10/19/2002     | 10/21/2002    |
| Bell MW 36        | 0204815-12 | WATER  | 10/19/2002     | 10/21/2002    |
| NBF MW 8          | 0204815-13 | WATER  | 10/19/2002     | 10/21/2002    |
| NBF MW 15         | 0204815-14 | WATER  | 10/19/2002     | 10/21/2002    |
| NBF MW 16         | 0204815-15 | WATER  | 10/19/2002     | 10/21/2002    |
| NBF MW 26         | 0204815-16 | WATER  | 10/19/2002     | 10/21/2002    |
| NBF MW 37         | 0204815-17 | WATER  | 10/19/2002     | 10/21/2002    |
| Sohio #1 MW 10    | 0204815-18 | WATER  | 10/19/2002     | 10/21/2002    |
| Sohio #1 MW 17    | 0204815-19 | WATER  | 10/19/2002     | 10/21/2002    |
| Sohio #1 MW 18    | 0204815-20 | WATER  | 10/19/2002     | 10/21/2002    |
| Sohio #1 MW 28    | 0204815-21 | WATER  | 10/19/2002     | 10/21/2002    |
| Sohio #1 MW 30    | 0204815-22 | WATER  | 10/19/2002     | 10/21/2002    |
| Sohio #1 MW 40    | 0204815-23 | WATER  | 10/19/2002     | 10/21/2002    |
| Sohio "A" MW 11   | 0204815-24 | WATER  | 10/19/2002     | 10/21/2002    |
| Sohio "A" MW 19   | 0204815-25 | WATER  | 10/19/2002     | 10/21/2002    |
| Sohio "A" MW 20   | 0204815-26 | WATER  | 10/19/2002     | 10/21/2002    |
| Sohio "A" MW 27   | 0204815-27 | WATER  | 10/19/2002     | 10/21/2002    |
| Sohio "A" MW 31   | 0204815-28 | WATER  | 10/19/2002     | 10/21/2002    |
| GS Source Well    | 0204815-29 | WATER  | 10/19/2002     | 10/21/2002    |

# CASE NARRATIVE

## ENVIRONMENTAL LAB OF TEXAS

**Prepared for:**

WHOLE EARTH  
19606 SAN GABRIEL  
HOUSTON, TX 77084

**Order#:** G0204815

**Project:** Quarterly Sampling

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

|          |            |       |            |            |
|----------|------------|-------|------------|------------|
| GS MW 12 | 0204815-30 | WATER | 10/19/2002 | 10/21/2002 |
|----------|------------|-------|------------|------------|

**Surrogate recoveries are outside control limits due to matrix interference from coeluting compounds.**

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: Ralan A. K. J. Smith  
Environmental Lab of Texas I, Ltd.

Date: 10-31-02

# ENVIRONMENTAL LAB OF TEXAS

## QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0204815

| <b>BLANK</b>      |       | LAB-ID #   | Sample<br>Concentr. | Spike<br>Concentr. | QC Test<br>Result | Pct (%)<br>Recovery | RPD  |
|-------------------|-------|------------|---------------------|--------------------|-------------------|---------------------|------|
|                   | WATER |            |                     |                    |                   |                     |      |
| Benzene-mg/L      |       | 0003551-02 |                     |                    | <0.001            |                     |      |
| Benzene-mg/L      |       | 0003563-02 |                     |                    | <0.001            |                     |      |
| Ethylbenzene-mg/L |       | 0003551-02 |                     |                    | <0.001            |                     |      |
| Ethylbenzene-mg/L |       | 0003563-02 |                     |                    | <0.001            |                     |      |
| Toluene-mg/L      |       | 0003551-02 |                     |                    | <0.001            |                     |      |
| Toluene-mg/L      |       | 0003563-02 |                     |                    | <0.001            |                     |      |
| p/m-Xylene-mg/L   |       | 0003551-02 |                     |                    | <0.001            |                     |      |
| p/m-Xylene-mg/L   |       | 0003563-02 |                     |                    | <0.001            |                     |      |
| o-Xylene-mg/L     |       | 0003551-02 |                     |                    | <0.001            |                     |      |
| o-Xylene-mg/L     |       | 0003563-02 |                     |                    | <0.001            |                     |      |
| <b>MS</b>         |       | LAB-ID #   | Sample<br>Concentr. | Spike<br>Concentr. | QC Test<br>Result | Pct (%)<br>Recovery | RPD  |
|                   | WATER |            |                     |                    |                   |                     |      |
| Benzene-mg/L      |       | 0204813-01 | 0                   | 0.1                | 0.097             | 97.0%               |      |
| Benzene-mg/L      |       | 0204815-16 | 0                   | 0.1                | 0.090             | 90.0%               |      |
| Ethylbenzene-mg/L |       | 0204813-01 | 0                   | 0.1                | 0.102             | 102.0%              |      |
| Ethylbenzene-mg/L |       | 0204815-16 | 0                   | 0.1                | 0.094             | 94.0%               |      |
| Toluene-mg/L      |       | 0204813-01 | 0                   | 0.1                | 0.097             | 97.0%               |      |
| Toluene-mg/L      |       | 0204815-16 | 0                   | 0.1                | 0.092             | 92.0%               |      |
| p/m-Xylene-mg/L   |       | 0204813-01 | 0                   | 0.2                | 0.216             | 108.0%              |      |
| p/m-Xylene-mg/L   |       | 0204815-16 | 0                   | 0.2                | 0.201             | 100.5%              |      |
| o-Xylene-mg/L     |       | 0204813-01 | 0                   | 0.1                | 0.104             | 104.0%              |      |
| o-Xylene-mg/L     |       | 0204815-16 | 0                   | 0.1                | 0.096             | 96.0%               |      |
| <b>MSD</b>        |       | LAB-ID #   | Sample<br>Concentr. | Spike<br>Concentr. | QC Test<br>Result | Pct (%)<br>Recovery | RPD  |
|                   | WATER |            |                     |                    |                   |                     |      |
| Benzene-mg/L      |       | 0204813-01 | 0                   | 0.1                | 0.091             | 91.0%               | 6.4% |
| Benzene-mg/L      |       | 0204815-16 | 0                   | 0.1                | 0.090             | 90.0%               | 0.0% |
| Ethylbenzene-mg/L |       | 0204813-01 | 0                   | 0.1                | 0.094             | 94.0%               | 8.2% |
| Ethylbenzene-mg/L |       | 0204815-16 | 0                   | 0.1                | 0.095             | 95.0%               | 1.1% |
| Toluene-mg/L      |       | 0204813-01 | 0                   | 0.1                | 0.092             | 92.0%               | 5.3% |
| Toluene-mg/L      |       | 0204815-16 | 0                   | 0.1                | 0.094             | 94.0%               | 2.2% |
| p/m-Xylene-mg/L   |       | 0204813-01 | 0                   | 0.2                | 0.202             | 101.0%              | 6.7% |
| p/m-Xylene-mg/L   |       | 0204815-16 | 0                   | 0.2                | 0.202             | 101.0%              | 0.5% |
| o-Xylene-mg/L     |       | 0204813-01 | 0                   | 0.1                | 0.098             | 98.0%               | 5.9% |
| o-Xylene-mg/L     |       | 0204815-16 | 0                   | 0.1                | 0.096             | 96.0%               | 0.0% |
| <b>SRM</b>        |       | LAB-ID #   | Sample<br>Concentr. | Spike<br>Concentr. | QC Test<br>Result | Pct (%)<br>Recovery | RPD  |
|                   | WATER |            |                     |                    |                   |                     |      |
| Benzene-mg/L      |       | 0003551-05 |                     | 0.1                | 0.098             | 98.0%               |      |
| Benzene-mg/L      |       | 0003563-05 |                     | 0.1                | 0.091             | 91.0%               |      |
| Ethylbenzene-mg/L |       | 0003551-05 |                     | 0.1                | 0.102             | 102.0%              |      |
| Ethylbenzene-mg/L |       | 0003563-05 |                     | 0.1                | 0.096             | 96.0%               |      |
| Toluene-mg/L      |       | 0003551-05 |                     | 0.1                | 0.100             | 100.0%              |      |

# ENVIRONMENTAL LAB OF TEXAS

## QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0204815

| <b>SRM</b>      | <b>WATER</b> | <b>LAB-ID #</b> | <b>Sample<br/>Concentr.</b> | <b>Spike<br/>Concentr.</b> | <b>QC Test<br/>Result</b> | <b>Pct (%)<br/>Recovery</b> | <b>RPD</b> |
|-----------------|--------------|-----------------|-----------------------------|----------------------------|---------------------------|-----------------------------|------------|
| Toluene-mg/L    |              | 0003563-05      |                             | 0.1                        | 0.092                     | 92.0%                       |            |
| p/m-Xylene-mg/L |              | 0003551-05      |                             | 0.2                        | 0.216                     | 108.0%                      |            |
| p/m-Xylene-mg/L |              | 0003563-05      |                             | 0.2                        | 0.212                     | 106.0%                      |            |
| o-Xylene-mg/L   |              | 0003551-05      |                             | 0.1                        | 0.105                     | 105.0%                      |            |
| o-Xylene-mg/L   |              | 0003563-05      |                             | 0.1                        | 0.100                     | 100.0%                      |            |

### CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

## Project Manager:

**Project Name: Quarterly Sampling**

**Company Name Whole Earth Environmental, Inc.**

**Project #:**

**Company Address: 19808 San Gabriel**

**Project Loc: Tatum, New Mexico**

City/State/Zip: Houston, Tx. 77084

**PO#:**

**Telephone No: (800) 854-4358**

**Fax No: (281) 646-8996**

**Sampler Signature:**

| LAB # (Use Only) | FIELD CODE      | Date Sampled       | Time Sampled | No. of Containers | Preservative |                  |     |      |                                |      |                 |       | Matrix |      |                  |                     |           | Analyze For:     |                   |                                 |           |               |                 |           |                     |       |        | Standard TAT | RUSH TAT (Pre-Schedule) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                  |                 |                    |              |                   | Ice          | HNO <sub>3</sub> | HCl | NaOH | H <sub>2</sub> SO <sub>4</sub> | None | Other (Specify) | Water | Sludge | Soil | Other (specify): | TDS / CL / SAR / EC | TPH 418.1 | TPH TX 1005/1006 | TPH 8015M GRO/DRO | Metals: As Ag Ba Cd Cr Pb Hg Se | Volatiles | Semivolatiles | BTEX 8021B/5030 | Chlorides | Cations/Anions, TDS |       |        |              |                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  |                 |                    |              |                   |              |                  |     |      |                                |      |                 |       |        |      |                  |                     |           |                  |                   |                                 |           |               |                 |           |                     | TCLP: | TOTAL: |              |                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 01 ✓             | Iva Source Well | 10/19/02<br>6/6/02 |              | 2                 | X            | X                | X   |      |                                |      |                 |       | X      |      |                  |                     |           |                  |                   |                                 | X         |               |                 |           |                     |       |        |              |                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

### Special Instructions:

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### CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

**Project Manager:**

**Project Name: Quarterly Sampling**

**Company Name Whole Earth Environmental, Inc.**

**Project #:**

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**Fax No: (281) 648-8998**

**Sampler Signature:**

| FIELD CODE             |  | Date Sampled | Time Sampled | No. of Containers | Preservative |                  |     |      |                                |      |                 | Matrix |        |      |                  | Analyze For:        |           |                  |                   |                                 |           |               |                 |           |                     |                                      |       |        |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
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|                        |  |              |              |                   | Ice          | HNO <sub>3</sub> | HCl | NaOH | H <sub>2</sub> SO <sub>4</sub> | None | Other (Specify) | Water  | Sludge | Soil | Other (Specify): | TDS / CL / SAR / EC | TPH 418.1 | TPH TX 1005/1008 | TPH 8015M GRO/DRO | Metals: As Ag Ba Cd Cr Pb Hg Se | Volatiles | Semivolatiles | BTEX 80218/5090 | Chlorides | Cations/Anions, TDS | RUSH TAT (Pre-Schedule Standard TAT) |       |        |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|                        |  |              |              |                   |              |                  |     |      |                                |      |                 |        |        |      |                  |                     |           |                  |                   |                                 |           |               |                 |           |                     |                                      | TCLP: | TOTAL: | TCAP: | TOTAL: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| LAB # (Indicates only) |  |              |              |                   |              |                  |     |      |                                |      |                 |        |        |      |                  |                     |           |                  |                   |                                 |           |               |                 |           |                     |                                      |       |        |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | </ |

### Special instructions:

**Relinquished by:**

| Date | Time |
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**Received by:**

Date \_\_\_\_\_

Time

Relinquished by:

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# REVIEW OF

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2000

**12600 West I-20 East  
Odessa, Texas 79763**

# CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

**Project Name: Quarterly Sampling**

**Project #:**

**Project Loc:** Tatum, New Mexico

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**Fax No: (281) 646-8996**

**Sampler Signature:**[illegible]

### Special Instructions:

**Relinquished by:**

| Date     | Time  |
|----------|-------|
| 10/21/02 | 12:45 |

**Received by:**

**Date**

Time

**Relinquished by:**

| Date | Time |
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**OFFICE OF**

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### Sample Comments: