

R0469



**Shell Oil Products US**

March 2, 2005

Ms. Roseanna Garcia-La Grille  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Alameda County  
MAR 8 2005  
Environmental Health

**Subject: Shell-branded Service Station**  
6039 College Avenue  
Oakland, California

Dear Ms. Garcia-La Grille:

Attached for your review and comment is a copy of the *Fourth Quarter 2004 Monitoring Report* for the above referenced site. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

As always, please feel free to contact me directly at (559) 645-9306 with any questions or concerns.

Sincerely,

**Shell Oil Products US**

A handwritten signature in cursive script that reads "Karen Petryna".

Karen Petryna  
Sr. Environmental Engineer

March 2, 2005

Ms. Roseanna Garcia-La Grille  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

**Re: Fourth Quarter 2004 Monitoring Report**  
Shell-branded Service Station  
6039 College Avenue  
Oakland, California  
Incident #98995745  
Cambria Project #247-0503-002



Dear Ms. Garcia-La Grille:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US, Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

## **HISTORICAL REMEDIATION SUMMARY**


*Separate-Phase and Dissolved-Phase Hydrocarbon Removal:* Cambria initiated weekly extraction of separate-phase hydrocarbons (SPH) and dissolved-phase hydrocarbons at this site in September 1999. Between September 22 and November 10, 1999, Advanced Cleanup Technologies, Inc. of Benicia, California extracted SPH and groundwater from wells MW-3 and MW-4 with a vacuum truck. Beginning November 10, 1999, Blaine Tech Services, Inc. (Blaine) of San Jose, California took over the weekly purging events as the volume of groundwater and SPH removed each week was not sufficient to warrant using a vacuum truck. Due to the absence of SPH in MW-4, Blaine discontinued weekly purging events on June 8, 2000. After SPH reappeared in the second and third quarters of 2001, Cambria reinstated monthly extraction using a vacuum truck in December 2001. No SPH has been detected since the third quarter of 2001. Monthly mobile groundwater extraction (GWE) was discontinued after the December 12, 2003 event due to decreased hydrocarbon concentrations. Due to increases in hydrocarbon concentrations in wells MW-3 and MW-4 during the first and second quarters of 2004, monthly mobile GWE was reinstated in July of 2004. To date, approximately 2.6 pounds of liquid-phase

**Cambria  
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total petroleum hydrocarbons as gasoline (TPHg) and 2.5 pounds of liquid-phase methyl tertiary butyl ether (MTBE) have been removed from the subsurface. Table 1 presents mass removal data. The historical GWE/dual-phase vacuum extraction (DVE) effects on MTBE concentrations at locations MW-3 and MW-4 are presented on Figures 3 and 4, respectively.

#### FOURTH QUARTER 2004 ACTIVITIES



**Groundwater Monitoring:** Blaine gauged water levels, sampled select wells, calculated groundwater elevations, and compiled the analytical data. Cambria prepared a vicinity map which includes previously submitted well survey information (Figure 1) and a groundwater elevation contour map (Figure 2). Blaine's report, including the laboratory report and supporting field documents, is included as Attachment A.


**Additional Groundwater Sample Analysis:** As requested in Alameda County Health Care Services Agency's (ACHCSA) March 21, 2003 letter, samples collected in the second quarter of 2003 were analyzed for tert-amyl methyl ether, ethyl tert-butyl ether, di-isopropyl ether, tert-butyl alcohol (TBA), ethanol, ethylene dibromide and ethylene dichloride. TBA was detected in all the samples and was added to the quarterly monitoring scope.

**Groundwater Extraction (GWE):** During the fourth quarter of 2004, PSC Industrial Services of Benicia, California performed monthly GWE using wells MW-3 and MW-4. Cambria tabulated the groundwater mass removal data (Table 1) and prepared graphs depicting extraction effectiveness data for the target wells (Figures 3 and 4).

#### ANTICIPATED FIRST QUARTER 2005 ACTIVITIES

**Groundwater Monitoring:** Blaine will inspect wells for SPH, gauge all wells, sample selected site wells if no SPH are present, and tabulate the data. Cambria will prepare a quarterly monitoring report.

**Groundwater Extraction (GWE):** Monthly mobile GWE using wells MW-3 and MW-4 will continue in January 2005; it will be discontinued after the January event due to decreased hydrocarbon concentrations.

**ANTICIPATED FUTURE ACTIVITIES**

*Subsurface Investigation:* As requested in ACHCSA's March 21, 2003 letter, on May 2, 2003, Cambria submitted an amendment to the January 6, 2002 *Subsurface Investigation Work Plan*. The scope of the amended work plan includes a total of nine soil borings to further define the extent of the MTBE southwest of the site and to determine whether off-site utility trenches provide preferential pathways for chemical migration. In an August 19, 2003 letter, ACHCSA requested that Cambria provide additional information in order to evaluate the proposed soil and groundwater borings. On November 20, 2003, Cambria submitted a *Subsurface Investigation Work Plan Amendment 2*, which included cross-sections and rationale for the soil boring locations. To date, there has not been a response from the ACHCSA regarding the work plan amendment. Cambria will implement the *Subsurface Investigation Work Plan Amendment 2* during the second quarter of 2005.

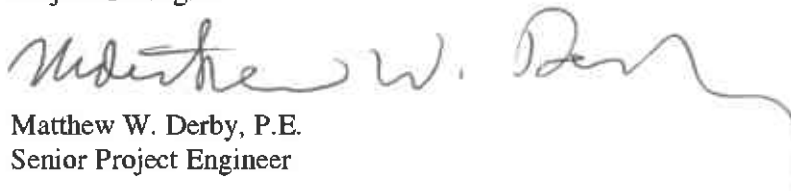
**CLOSING**

We appreciate the opportunity to work with you on this project. Please call David Gibbs at (510) 420-3363 if you have any questions or comments.

Sincerely,  
Cambria Environmental Technology, Inc



David Gibbs  
Project Geologist



Matthew W. Derby, P.E.  
Senior Project Engineer



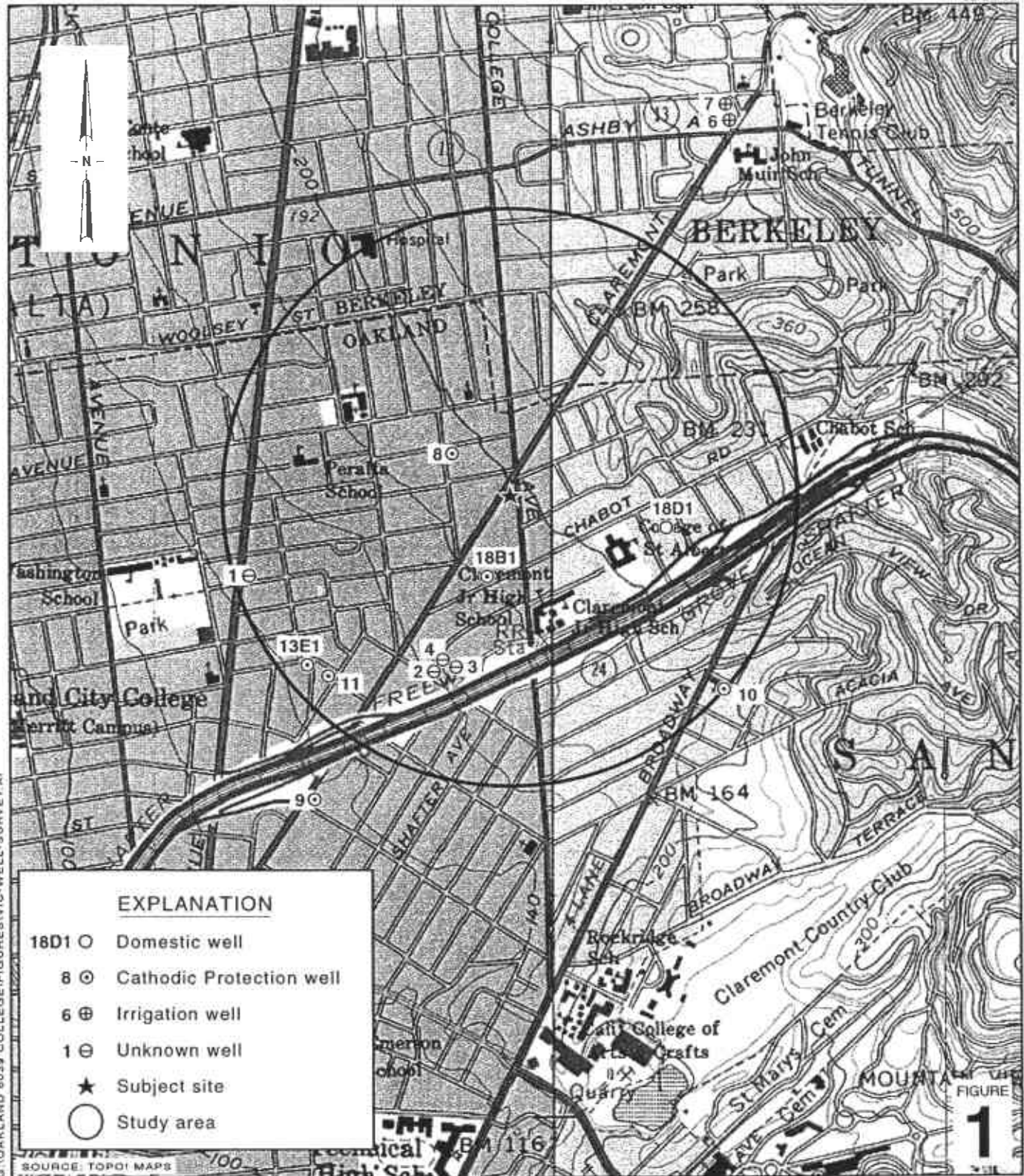
- Figures:
- 1 - Vicinity/Area Well Survey Map
  - 2 - Groundwater Elevation Contour Map
  - 3 - VacOPs/DVE Effect on MTBE Concentration – MW-3
  - 4 - VacOPs/DVE Effect on MTBE Concentration – MW-4

Table: 1 - Groundwater Extraction – Mass Removal Data

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

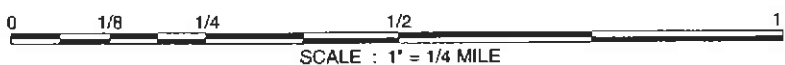
cc: Karen Petryna, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810  
Russell J. Bruzzone, Inc., 899 Hope Lane, Lafayette, CA 94549  
Montrose Investment Co., 242 Rivera Circle, Greenbrae Marina, Larkspur, CA 94939  
Attn: Jim Graham

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FIGURE 1



**Shell-branded Service Station**  
 6039 College Avenue  
 Oakland, California  
 Incident #98995745



C A M B R I A

**Vicinity / Area Well  
 Survey Map**  
 1/2 Mile Radius



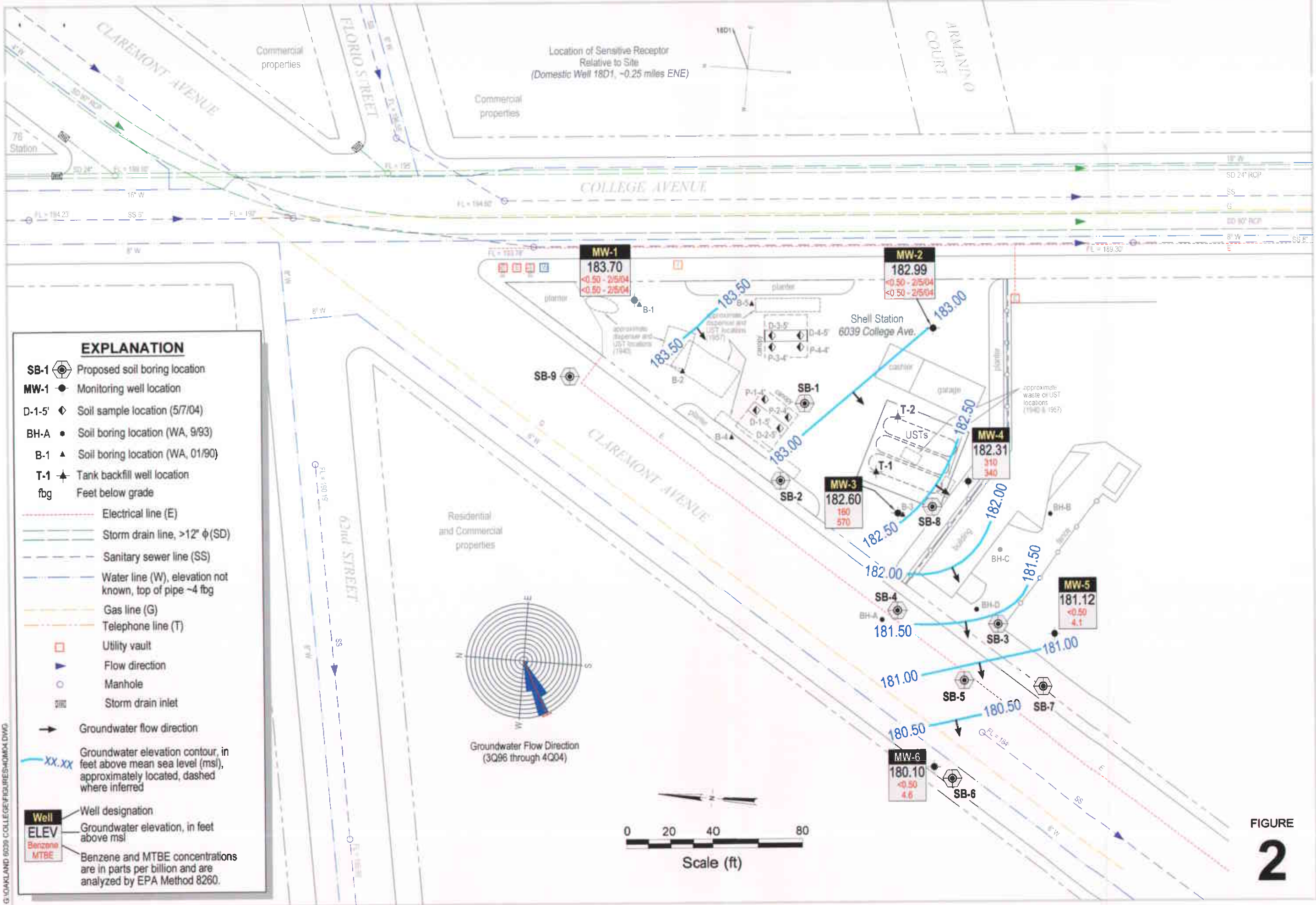
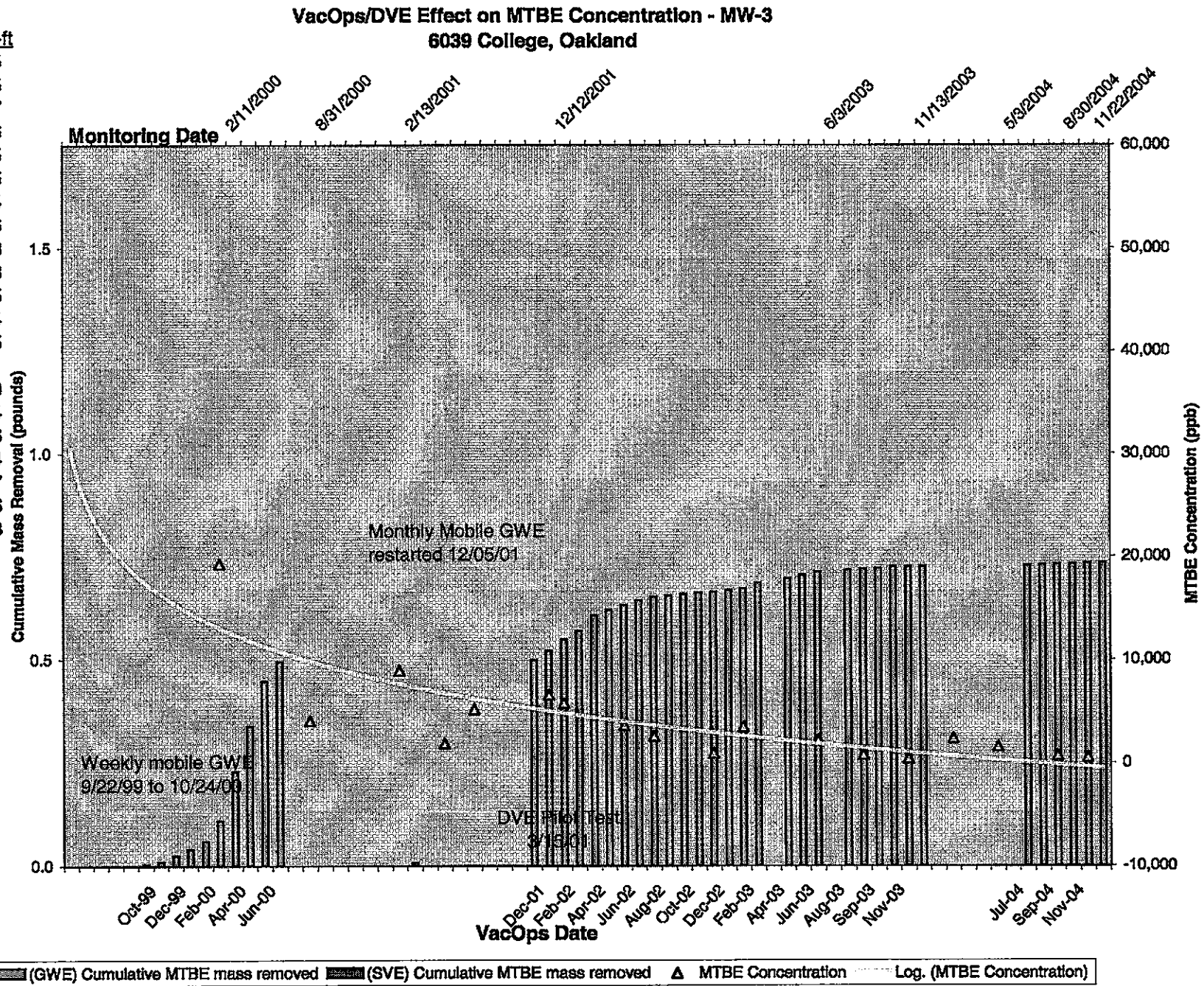


FIGURE 2

| Date     | DTW-ft |
|----------|--------|
| 2/11/00  | 12.85  |
| 5/4/00   | 17.05  |
| 8/31/00  | 16.47  |
| 8/31/00  | 14.26  |
| 11/30/00 | 15.75  |
| 2/13/01  | 13.05  |
| 5/29/01  | 13.84  |
| 7/30/01  | 15.46  |
| 12/12/01 | 12.93  |
| 1/31/02  | 11.88  |
| 5/31/02  | 13.65  |
| 7/25/02  | 15.04  |
| 11/26/02 | 17.15  |
| 01/29/03 | 12.21  |
| 06/03/03 | 13.40  |
| 8/27/03  | 15.14  |
| 11/13/03 | 16.46  |
| 2/5/04   | 12.84  |
| 5/3/04   | 12.57  |
| 8/30/04  | 14.76  |
| 11/22/04 | 14.58  |



**Figure 3**



VacOps/DVE Effect on MTBE Concentration - MW-4  
6039 College, Oakland

| Date     | DTW-ft |
|----------|--------|
| 2/11/00  | 14.82  |
| 5/4/00   | 12.64  |
| 8/31/00  | 16.47  |
| 11/30/00 | 17.67  |
| 2/13/01  | 13.30  |
| 5/31/01  | 15.08  |
| 7/30/01  | 16.28  |
| 12/12/01 | 13.81  |
| 1/31/02  | 12.80  |
| 05/31/02 | 14.59  |
| 7/25/02  | 15.94  |
| 11/26/02 | 18.10  |
| 01/29/03 | 13.08  |
| 6/3/03   | 14.29  |
| 8/27/03  | 16.14  |
| 11/13/03 | 17.35  |
| 2/5/04   | 13.52  |
| 5/3/04   | 12.65  |
| 8/30/04  | 15.64  |
| 11/22/04 | 15.72  |

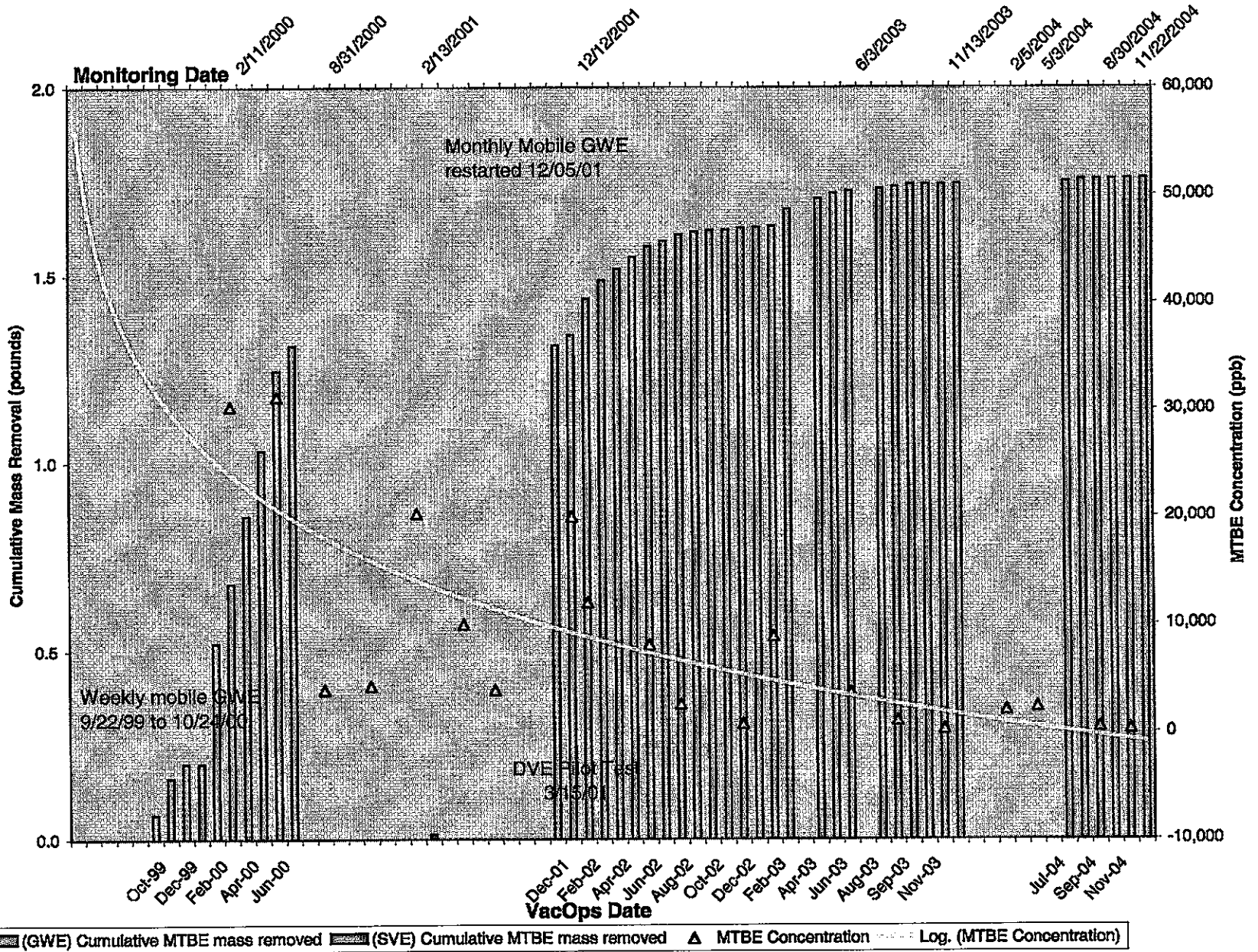


Figure 4

**Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98995745, 6039 College Avenue, Oakland, California**

| Date Purged | Well ID | Volume Pumped (gal) | Cumulative Volume Pumped (gal) | Date Sampled | TPPH                     |                       |                               | Benzene                     |                          |                                  | MTBE                     |                       |                               |
|-------------|---------|---------------------|--------------------------------|--------------|--------------------------|-----------------------|-------------------------------|-----------------------------|--------------------------|----------------------------------|--------------------------|-----------------------|-------------------------------|
|             |         |                     |                                |              | TPPH Concentration (ppb) | TPPH Removed (pounds) | TPPH Removed To Date (pounds) | Benzene Concentration (ppb) | Benzene Removed (pounds) | Benzene Removed To Date (pounds) | MTBE Concentration (ppb) | MTBE Removed (pounds) | MTBE Removed To Date (pounds) |
| 09/22/99    | MW-3    | 115                 | 115                            | 08/31/99     | 1,550                    | 0.00149               | 0.00149                       | 232                         | 0.00022                  | 0.00022                          | 4,620                    | 0.00443               | 0.00443                       |
| 10/06/99    | MW-3    | 40                  | 155                            | 08/31/99     | 1,550                    | 0.00052               | 0.00200                       | 232                         | 0.00008                  | 0.00030                          | 4,620                    | 0.00154               | 0.00598                       |
| 10/14/99    | MW-3    | 50                  | 205                            | 08/31/99     | 1,550                    | 0.00065               | 0.00265                       | 232                         | 0.00010                  | 0.00040                          | 4,620                    | 0.00193               | 0.00790                       |
| 10/18/99    | MW-3    | 30                  | 235                            | 08/31/99     | 1,550                    | 0.00039               | 0.00304                       | 232                         | 0.00006                  | 0.00045                          | 4,620                    | 0.00116               | 0.00906                       |
| 10/29/99    | MW-3    | 30                  | 265                            | 08/31/99     | 1,550                    | 0.00039               | 0.00343                       | 232                         | 0.00006                  | 0.00051                          | 4,620                    | 0.00116               | 0.01022                       |
| 11/03/99    | MW-3    | 30                  | 295                            | 08/31/99     | 1,550                    | 0.00039               | 0.00382                       | 232                         | 0.00006                  | 0.00057                          | 4,620                    | 0.00116               | 0.01137                       |
| 11/10/99    | MW-3    | 30                  | 325                            | 08/31/99     | 1,550                    | 0.00039               | 0.00420                       | 232                         | 0.00006                  | 0.00063                          | 4,620                    | 0.00116               | 0.01253                       |
| 11/19/99    | MW-3    | 169                 | 494                            | 08/31/99     | 1,550                    | 0.00219               | 0.00639                       | 232                         | 0.00033                  | 0.00096                          | 4,620                    | 0.00652               | 0.01904                       |
| 11/24/99    | MW-3    | 160                 | 654                            | 08/31/99     | 1,550                    | 0.00207               | 0.00846                       | 232                         | 0.00031                  | 0.00127                          | 4,620                    | 0.00617               | 0.02521                       |
| 12/02/99    | MW-3    | 200                 | 854                            | 08/31/99     | 1,550                    | 0.00259               | 0.01105                       | 232                         | 0.00039                  | 0.00165                          | 4,620                    | 0.00771               | 0.03292                       |
| 12/10/99    | MW-3    | 60                  | 914                            | 08/31/99     | 1,550                    | 0.00078               | 0.01182                       | 232                         | 0.00012                  | 0.00177                          | 4,620                    | 0.00231               | 0.03524                       |
| 12/17/99    | MW-3    | 150                 | 1,064                          | 08/31/99     | 1,550                    | 0.00194               | 0.01376                       | 232                         | 0.00029                  | 0.00206                          | 4,620                    | 0.00578               | 0.04102                       |
| 01/03/00    | MW-3    | 0                   | 1,064                          | 08/31/99     | 1,550                    | 0.00000               | 0.01376                       | 232                         | 0.00000                  | 0.00206                          | 4,620                    | 0.00000               | 0.04102                       |
| 01/07/00    | MW-3    | 0                   | 1,064                          | 08/31/99     | 1,550                    | 0.00000               | 0.01376                       | 232                         | 0.00000                  | 0.00206                          | 4,620                    | 0.00000               | 0.04102                       |
| 01/13/00    | MW-3    | 360                 | 1,424                          | 08/31/99     | 1,550                    | 0.00466               | 0.01842                       | 232                         | 0.00070                  | 0.00276                          | 4,620                    | 0.01388               | 0.05490                       |
| 01/21/00    | MW-3    | 40                  | 1,464                          | 08/31/99     | 1,550                    | 0.00052               | 0.01894                       | 232                         | 0.00008                  | 0.00283                          | 4,620                    | 0.00154               | 0.05644                       |
| 01/25/00    | MW-3    | 80                  | 1,544                          | 08/31/99     | 1,550                    | 0.00103               | 0.01997                       | 232                         | 0.00015                  | 0.00299                          | 4,620                    | 0.00308               | 0.05952                       |
| 02/01/00    | MW-3    | 165                 | 1,709                          | 08/31/99     | 1,550                    | 0.00213               | 0.02210                       | 232                         | 0.00032                  | 0.00331                          | 4,620                    | 0.00636               | 0.06588                       |
| 02/11/00    | MW-3    | 24                  | 1,733                          | 02/11/00     | 10,900                   | 0.00218               | 0.02429                       | 1,030                       | 0.00021                  | 0.00351                          | 19,300                   | 0.00387               | 0.06975                       |
| 02/15/00    | MW-3    | 150                 | 1,883                          | 02/11/00     | 10,900                   | 0.01364               | 0.03793                       | 1,030                       | 0.00129                  | 0.00480                          | 19,300                   | 0.02416               | 0.09391                       |
| 02/23/00    | MW-3    | 100                 | 1,983                          | 02/11/00     | 10,900                   | 0.00910               | 0.04703                       | 1,030                       | 0.00086                  | 0.00566                          | 19,300                   | 0.01610               | 0.11001                       |
| 03/02/00    | MW-3    | 168                 | 2,151                          | 02/11/00     | 10,900                   | 0.01528               | 0.06231                       | 1,030                       | 0.00144                  | 0.00711                          | 19,300                   | 0.02706               | 0.13707                       |
| 03/10/00    | MW-3    | 270                 | 2,421                          | 02/11/00     | 10,900                   | 0.02456               | 0.08686                       | 1,030                       | 0.00232                  | 0.00943                          | 19,300                   | 0.04348               | 0.18055                       |
| 03/15/00    | MW-3    | 96                  | 2,517                          | 02/11/00     | 10,900                   | 0.00873               | 0.09559                       | 1,030                       | 0.00083                  | 0.01025                          | 19,300                   | 0.01546               | 0.19601                       |
| 03/21/00    | MW-3    | 100                 | 2,617                          | 02/11/00     | 10,900                   | 0.00910               | 0.10469                       | 1,030                       | 0.00086                  | 0.01111                          | 19,300                   | 0.01610               | 0.21211                       |
| 03/27/00    | MW-3    | 100                 | 2,717                          | 02/11/00     | 10,900                   | 0.00910               | 0.11378                       | 1,030                       | 0.00086                  | 0.01197                          | 19,300                   | 0.01610               | 0.22822                       |
| 04/07/00    | MW-3    | 160                 | 2,877                          | 02/11/00     | 10,900                   | 0.01455               | 0.12834                       | 1,030                       | 0.00138                  | 0.01335                          | 19,300                   | 0.02577               | 0.25399                       |
| 04/13/00    | MW-3    | 120                 | 2,997                          | 02/11/00     | 10,900                   | 0.01091               | 0.13925                       | 1,030                       | 0.00103                  | 0.01438                          | 19,300                   | 0.01933               | 0.27331                       |
| 04/18/00    | MW-3    | 180                 | 3,177                          | 02/11/00     | 10,900                   | 0.01637               | 0.15562                       | 1,030                       | 0.00155                  | 0.01593                          | 19,300                   | 0.02899               | 0.30230                       |

**Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98995745, 6039 College Avenue, Oakland, California**

| Date Purged | Well ID | Volume Pumped (gal) | Cumulative Volume Pumped (gal) | Date Sampled | TPPH                     |                       |                       | Benzene                     |                          |                          | MTBE                     |                       |                       |
|-------------|---------|---------------------|--------------------------------|--------------|--------------------------|-----------------------|-----------------------|-----------------------------|--------------------------|--------------------------|--------------------------|-----------------------|-----------------------|
|             |         |                     |                                |              | TPPH Concentration (ppb) | TPPH Removed (pounds) | TPPH To Date (pounds) | Benzene Concentration (ppb) | Benzene Removed (pounds) | Benzene To Date (pounds) | MTBE Concentration (ppb) | MTBE Removed (pounds) | MTBE To Date (pounds) |
| 04/26/00    | MW-3    | 225                 | 3,402                          | 02/11/00     | 10,900                   | 0.02046               | 0.17609               | 1,030                       | 0.00193                  | 0.01786                  | 19,300                   | 0.03624               | 0.33853               |
| 05/04/00    | MW-3    | 160                 | 3,562                          | 02/11/00     | 10,900                   | 0.01455               | 0.19064               | 1,030                       | 0.00138                  | 0.01923                  | 19,300                   | 0.02577               | 0.36430               |
| 05/09/00    | MW-3    | 180                 | 3,742                          | 02/11/00     | 10,900                   | 0.01637               | 0.20701               | 1,030                       | 0.00155                  | 0.02078                  | 19,300                   | 0.02899               | 0.39329               |
| 05/17/00    | MW-3    | 138                 | 3,880                          | 02/11/00     | 10,900                   | 0.01255               | 0.21956               | 1,030                       | 0.00119                  | 0.02197                  | 19,300                   | 0.02222               | 0.41551               |
| 05/22/00    | MW-3    | 200                 | 4,080                          | 02/11/00     | 10,900                   | 0.01819               | 0.23775               | 1,030                       | 0.00172                  | 0.02369                  | 19,300                   | 0.03221               | 0.44772               |
| 06/01/00    | MW-3    | 120                 | 4,200                          | 02/11/00     | 10,900                   | 0.01091               | 0.24867               | 1,030                       | 0.00103                  | 0.02472                  | 19,300                   | 0.01933               | 0.46705               |
| 06/08/00    | MW-3    | 170                 | 4,370                          | 02/11/00     | 10,900                   | 0.01546               | 0.26413               | 1,030                       | 0.00146                  | 0.02618                  | 19,300                   | 0.02738               | 0.49443               |
| 11/05/01    | MW-3    | 100                 | 4,470                          | 07/30/01     | 2,700                    | 0.00225               | 0.26638               | 250                         | 0.00021                  | 0.02639                  | 5,200                    | 0.00434               | 0.49877               |
| 12/05/01    | MW-3    | 500                 | 4,970                          | 07/30/01     | 2,700                    | 0.01126               | 0.27765               | 250                         | 0.00104                  | 0.02743                  | 5,200                    | 0.02170               | 0.52046               |
| 01/25/02    | MW-3    | 500                 | 5,470                          | 12/12/01     | <10,000                  | 0.02086               | 0.29851               | 720                         | 0.00300                  | 0.03043                  | 6,600                    | 0.02754               | 0.54800               |
| 02/13/02    | MW-3    | 411                 | 5,881                          | 01/31/02     | 11,000                   | 0.03772               | 0.33623               | 750                         | 0.00257                  | 0.03301                  | 5,800                    | 0.01989               | 0.56789               |
| 03/13/02    | MW-3    | 783                 | 6,664                          | 01/31/02     | 11,000                   | 0.07187               | 0.40810               | 750                         | 0.00490                  | 0.03791                  | 5,800                    | 0.03790               | 0.60578               |
| 04/17/02    | MW-3    | 300                 | 6,964                          | 01/31/02     | 11,000                   | 0.02754               | 0.43564               | 750                         | 0.00188                  | 0.03978                  | 5,800                    | 0.01452               | 0.62030               |
| 05/15/02    | MW-3    | 215                 | 7,179                          | 01/31/02     | 11,000                   | 0.01973               | 0.45538               | 750                         | 0.00135                  | 0.04113                  | 5,800                    | 0.01041               | 0.63071               |
| 06/14/02    | MW-3    | 385                 | 7,564                          | 05/31/02     | 5,100                    | 0.01638               | 0.47176               | 410                         | 0.00132                  | 0.04245                  | 3,600                    | 0.01157               | 0.64227               |
| 07/12/02    | MW-3    | 300                 | 7,864                          | 05/31/02     | 5,100                    | 0.01277               | 0.48453               | 410                         | 0.00103                  | 0.04347                  | 3,600                    | 0.00901               | 0.65129               |
| 08/16/02    | MW-3    | 100                 | 7,964                          | 07/25/02     | 2,100                    | 0.00175               | 0.48628               | 170                         | 0.00014                  | 0.04362                  | 2,600                    | 0.00217               | 0.65346               |
| 09/18/02    | MW-3    | 229                 | 8,193                          | 07/25/02     | 2,100                    | 0.00401               | 0.49029               | 170                         | 0.00032                  | 0.04394                  | 2,600                    | 0.00497               | 0.65842               |
| 10/29/02    | MW-3    | 151                 | 8,344                          | 07/25/02     | 2,100                    | 0.00265               | 0.49294               | 170                         | 0.00021                  | 0.04415                  | 2,600                    | 0.00328               | 0.66170               |
| 11/18/02    | MW-3    | 81                  | 8,425                          | 07/25/02     | 2,100                    | 0.00142               | 0.49436               | 170                         | 0.00011                  | 0.04427                  | 2,600                    | 0.00176               | 0.66346               |
| 12/21/02    | MW-3    | 459                 | 8,884                          | 11/26/02     | 510                      | 0.00195               | 0.49631               | 26                          | 0.00010                  | 0.04437                  | 940                      | 0.00360               | 0.66706               |
| 01/15/03    | MW-3    | 619                 | 9,503                          | 11/26/02     | 510                      | 0.00263               | 0.49894               | 26                          | 0.00013                  | 0.04450                  | 940                      | 0.00486               | 0.67191               |
| 02/18/03    | MW-3    | 470                 | 9,973                          | 01/29/03     | 6,000                    | 0.02353               | 0.52248               | 460                         | 0.00180                  | 0.04631                  | 3,500                    | 0.01373               | 0.68564               |
| 04/29/03    | MW-3    | 350                 | 10,323                         | 01/29/03     | 6,000                    | 0.01752               | 0.54000               | 460                         | 0.00134                  | 0.04765                  | 3,500                    | 0.01022               | 0.69586               |
| 05/27/03    | MW-3    | 300                 | 10,623                         | 01/29/03     | 6,000                    | 0.01502               | 0.55502               | 460                         | 0.00115                  | 0.04880                  | 3,500                    | 0.00876               | 0.70462               |
| 06/30/03    | MW-3    | 450                 | 11,073                         | 06/03/03     | 5,300                    | 0.01990               | 0.57492               | 350                         | 0.00131                  | 0.05012                  | 2,200                    | 0.00826               | 0.71288               |
| 08/02/03    | MW-3    | 200                 | 11,273                         | 06/03/03     | 5,300                    | 0.00885               | 0.58376               | 350                         | 0.00058                  | 0.05070                  | 2,200                    | 0.00367               | 0.71655               |
| 08/29/03    | MW-3    | 156                 | 11,429                         | 06/03/03     | 5,300                    | 0.00690               | 0.59066               | 350                         | 0.00046                  | 0.05116                  | 2,200                    | 0.00286               | 0.71942               |
| 09/08/03    | MW-3    | 200                 | 11,629                         | 06/03/03     | 5,300                    | 0.00885               | 0.59951               | 350                         | 0.00058                  | 0.05174                  | 2,200                    | 0.00367               | 0.72309               |

**Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98995745, 6039 College Avenue, Oakland, California**

| Date Purged | Well ID | Volume Pumped (gal) | Cumulative Volume Pumped (gal) | Date Sampled | TPPH                     |                       |                               | Benzene                     |                          |                                  | MTBE                     |                       |                               |
|-------------|---------|---------------------|--------------------------------|--------------|--------------------------|-----------------------|-------------------------------|-----------------------------|--------------------------|----------------------------------|--------------------------|-----------------------|-------------------------------|
|             |         |                     |                                |              | TPPH Concentration (ppb) | TPPH Removed (pounds) | TPPH Removed To Date (pounds) | Benzene Concentration (ppb) | Benzene Removed (pounds) | Benzene Removed To Date (pounds) | MTBE Concentration (ppb) | MTBE Removed (pounds) | MTBE Removed To Date (pounds) |
| 10/13/03    | MW-3    | 193                 | 11,822                         | 08/27/03     | 700                      | 0.00113               | 0.60064                       | 100                         | 0.00016                  | 0.05190                          | 810                      | 0.00130               | 0.72439                       |
| 11/14/03    | MW-3    | 75                  | 11,897                         | 11/13/03     | 590                      | 0.00037               | 0.60101                       | 36                          | 0.00002                  | 0.05192                          | 440                      | 0.00028               | 0.72467                       |
| 12/12/03    | MW-3    | 125                 | 12,022                         | 11/13/03     | 590                      | 0.00062               | 0.60162                       | 36                          | 0.00004                  | 0.05196                          | 440                      | 0.00046               | 0.72513                       |
| 07/21/04    | MW-3    | 200                 | 12,222                         | 05/03/04     | 2,600                    | 0.00434               | 0.60596                       | 210                         | 0.00035                  | 0.05231                          | 1,600                    | 0.00267               | 0.72780                       |
| 08/23/04    | MW-3    | 120                 | 12,342                         | 05/03/04     | 2,600                    | 0.00260               | 0.60856                       | 210                         | 0.00021                  | 0.05252                          | 1,600                    | 0.00160               | 0.72940                       |
| 09/20/04    | MW-3    | 147                 | 12,489                         | 08/30/04     | 2,100                    | 0.00258               | 0.61114                       | 120                         | 0.00015                  | 0.05267                          | 730                      | 0.00090               | 0.73030                       |
| 10/18/04    | MW-3    | 250                 | 12,739                         | 08/30/04     | 2,100                    | 0.00438               | 0.61552                       | 120                         | 0.00025                  | 0.05292                          | 730                      | 0.00152               | 0.73182                       |
| 11/30/04**  | MW-3    | 297                 | 13,036                         | 11/22/04     | 2,600                    | 0.00644               | 0.62196                       | 160                         | 0.00040                  | 0.05332                          | 570                      | 0.00141               | 0.73323                       |
| 12/16/04    | MW-3    | 125                 | 13,161                         | 11/22/04     | 2,600                    | 0.00271               | 0.62468                       | 160                         | 0.00017                  | 0.05348                          | 570                      | 0.00059               | 0.73383                       |
| 09/22/99    | MW-4    | 100                 | 100                            | 11/03/97     | 32,000                   | 0.02670               | 0.02670                       | 1,100                       | 0.00092                  | 0.00092                          | 78,000                   | 0.06509               | 0.06509                       |
| 10/06/99    | MW-4    | 60                  | 160                            | 11/03/97     | 32,000                   | 0.01602               | 0.04272                       | 1,100                       | 0.00055                  | 0.00147                          | 78,000                   | 0.03905               | 0.10414                       |
| 10/14/99    | MW-4    | 30                  | 190                            | 11/03/97     | 32,000                   | 0.00801               | 0.05073                       | 1,100                       | 0.00028                  | 0.00174                          | 78,000                   | 0.01953               | 0.12366                       |
| 10/18/99    | MW-4    | 30                  | 220                            | 11/03/97     | 32,000                   | 0.00801               | 0.05874                       | 1,100                       | 0.00028                  | 0.00202                          | 78,000                   | 0.01953               | 0.14319                       |
| 10/29/99    | MW-4    | 30                  | 250                            | 11/03/97     | 32,000                   | 0.00801               | 0.06675                       | 1,100                       | 0.00028                  | 0.00229                          | 78,000                   | 0.01953               | 0.16271                       |
| 11/03/99    | MW-4    | 30                  | 280                            | 11/03/97     | 32,000                   | 0.00801               | 0.07477                       | 1,100                       | 0.00028                  | 0.00257                          | 78,000                   | 0.01953               | 0.18224                       |
| 11/10/99    | MW-4    | 30                  | 310                            | 11/03/97     | 32,000                   | 0.00801               | 0.08278                       | 1,100                       | 0.00028                  | 0.00285                          | 78,000                   | 0.01953               | 0.20177                       |
| 11/19/99    | MW-4    | 0                   | 310                            | 11/03/97     | 32,000                   | 0.00000               | 0.08278                       | 1,100                       | 0.00000                  | 0.00285                          | 78,000                   | 0.00000               | 0.20177                       |
| 11/24/99    | MW-4    | 0                   | 310                            | 11/03/97     | 32,000                   | 0.00000               | 0.08278                       | 1,100                       | 0.00000                  | 0.00285                          | 78,000                   | 0.00000               | 0.20177                       |
| 12/02/99    | MW-4    | 0                   | 310                            | 11/03/97     | 32,000                   | 0.00000               | 0.08278                       | 1,100                       | 0.00000                  | 0.00285                          | 78,000                   | 0.00000               | 0.20177                       |
| 12/10/99    | MW-4    | 0                   | 310                            | 11/03/97     | 32,000                   | 0.00000               | 0.08278                       | 1,100                       | 0.00000                  | 0.00285                          | 78,000                   | 0.00000               | 0.20177                       |
| 12/17/99    | MW-4    | 0                   | 310                            | 11/03/97     | 32,000                   | 0.00000               | 0.08278                       | 1,100                       | 0.00000                  | 0.00285                          | 78,000                   | 0.00000               | 0.20177                       |
| 01/03/00    | MW-4    | 0                   | 310                            | 11/03/97     | 32,000                   | 0.00000               | 0.08278                       | 1,100                       | 0.00000                  | 0.00285                          | 78,000                   | 0.00000               | 0.20177                       |
| 01/07/00    | MW-4    | 0                   | 310                            | 11/03/97     | 32,000                   | 0.00000               | 0.08278                       | 1,100                       | 0.00000                  | 0.00285                          | 78,000                   | 0.00000               | 0.20177                       |
| 01/13/00    | MW-4    | 350                 | 660                            | 11/03/97     | 32,000                   | 0.09346               | 0.17623                       | 1,100                       | 0.00321                  | 0.00606                          | 78,000                   | 0.22780               | 0.42957                       |
| 01/21/00    | MW-4    | 40                  | 700                            | 11/03/97     | 32,000                   | 0.01068               | 0.18691                       | 1,100                       | 0.00037                  | 0.00643                          | 78,000                   | 0.02603               | 0.45560                       |
| 01/25/00    | MW-4    | 100                 | 800                            | 11/03/97     | 32,000                   | 0.02670               | 0.21362                       | 1,100                       | 0.00092                  | 0.00734                          | 78,000                   | 0.06509               | 0.52069                       |
| 02/01/00    | MW-4    | 165                 | 965                            | 11/03/97     | 32,000                   | 0.04406               | 0.25767                       | 1,100                       | 0.00151                  | 0.00886                          | 78,000                   | 0.10739               | 0.62808                       |
| 02/11/00    | MW-4    | 19                  | 984                            | 02/11/00     | 47,200                   | 0.00748               | 0.26516                       | 905                         | 0.00014                  | 0.00900                          | 27,400                   | 0.00434               | 0.63242                       |

**Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98995745, 6039 College Avenue, Oakland, California**

| Date Purged | Well ID | Volume Pumped (gal) | Cumulative Volume Pumped (gal) | Date Sampled | TPPH                     |                       |                       | Benzene                     |                          |                          | MTBE                     |                       |                       |
|-------------|---------|---------------------|--------------------------------|--------------|--------------------------|-----------------------|-----------------------|-----------------------------|--------------------------|--------------------------|--------------------------|-----------------------|-----------------------|
|             |         |                     |                                |              | TPPH Concentration (ppb) | TPPH Removed (pounds) | TPPH To Date (pounds) | Benzene Concentration (ppb) | Benzene Removed (pounds) | Benzene To Date (pounds) | MTBE Concentration (ppb) | MTBE Removed (pounds) | MTBE To Date (pounds) |
| 02/15/00    | MW-4    | 100                 | 1,084                          | 02/11/00     | 47,200                   | 0.03939               | 0.30454               | 905                         | 0.00076                  | 0.00976                  | 27,400                   | 0.02286               | 0.65529               |
| 02/23/00    | MW-4    | 100                 | 1,184                          | 02/11/00     | 47,200                   | 0.03939               | 0.34393               | 905                         | 0.00076                  | 0.01051                  | 27,400                   | 0.02286               | 0.67815               |
| 03/02/00    | MW-4    | 270                 | 1,454                          | 02/11/00     | 47,200                   | 0.10634               | 0.45027               | 905                         | 0.00204                  | 0.01255                  | 27,400                   | 0.06173               | 0.73988               |
| 03/10/00    | MW-4    | 220                 | 1,674                          | 02/11/00     | 47,200                   | 0.08665               | 0.53692               | 905                         | 0.00166                  | 0.01421                  | 27,400                   | 0.05030               | 0.79018               |
| 03/15/00    | MW-4    | 96                  | 1,770                          | 02/11/00     | 47,200                   | 0.03781               | 0.57473               | 905                         | 0.00072                  | 0.01494                  | 27,400                   | 0.02195               | 0.81213               |
| 03/21/00    | MW-4    | 100                 | 1,870                          | 02/11/00     | 47,200                   | 0.03939               | 0.61411               | 905                         | 0.00076                  | 0.01569                  | 27,400                   | 0.02286               | 0.83499               |
| 03/27/00    | MW-4    | 100                 | 1,970                          | 02/11/00     | 47,200                   | 0.03939               | 0.65350               | 905                         | 0.00076                  | 0.01645                  | 27,400                   | 0.02286               | 0.85786               |
| 04/07/00    | MW-4    | 113                 | 2,083                          | 02/11/00     | 47,200                   | 0.04451               | 0.69800               | 905                         | 0.00085                  | 0.01730                  | 27,400                   | 0.02584               | 0.88369               |
| 04/13/00    | MW-4    | 110                 | 2,193                          | 02/11/00     | 47,200                   | 0.04332               | 0.74133               | 905                         | 0.00083                  | 0.01813                  | 27,400                   | 0.02515               | 0.90884               |
| 04/18/00    | MW-4    | 225                 | 2,418                          | 02/11/00     | 47,200                   | 0.08862               | 0.82994               | 905                         | 0.00170                  | 0.01983                  | 27,400                   | 0.05144               | 0.96029               |
| 04/26/00    | MW-4    | 315                 | 2,733                          | 02/11/00     | 47,200                   | 0.12406               | 0.95401               | 905                         | 0.00238                  | 0.02221                  | 27,400                   | 0.07202               | 1.03231               |
| 05/04/00    | MW-4    | 150                 | 2,883                          | 02/11/00     | 47,200                   | 0.05908               | 1.01308               | 905                         | 0.00113                  | 0.02334                  | 27,400                   | 0.03430               | 1.06660               |
| 05/09/00    | MW-4    | 315                 | 3,198                          | 02/11/00     | 47,200                   | 0.12406               | 1.13715               | 905                         | 0.00238                  | 0.02572                  | 27,400                   | 0.07202               | 1.13862               |
| 05/17/00    | MW-4    | 270                 | 3,468                          | 02/11/00     | 47,200                   | 0.10634               | 1.24349               | 905                         | 0.00204                  | 0.02776                  | 27,400                   | 0.06173               | 1.20035               |
| 05/22/00    | MW-4    | 200                 | 3,668                          | 02/11/00     | 47,200                   | 0.07877               | 1.32226               | 905                         | 0.00151                  | 0.02927                  | 27,400                   | 0.04573               | 1.24608               |
| 06/05/00    | MW-4    | 125                 | 3,793                          | 02/11/00     | 47,200                   | 0.04923               | 1.37149               | 905                         | 0.00094                  | 0.03021                  | 27,400                   | 0.02858               | 1.27466               |
| 06/08/00    | MW-4    | 170                 | 3,963                          | 02/11/00     | 47,200                   | 0.06696               | 1.43845               | 905                         | 0.00128                  | 0.03150                  | 27,400                   | 0.03887               | 1.31353               |
| 11/05/01    | MW-4*   | 0                   | 3,963                          | 07/30/01     | 6,700                    | 0.00000               | 1.43845               | 260                         | 0.00000                  | 0.03150                  | 3,900                    | 0.00000               | 1.31353               |
| 12/05/01    | MW-4    | 850                 | 4,813                          | 07/30/01     | 6,700                    | 0.04752               | 1.48597               | 260                         | 0.00184                  | 0.03334                  | 3,900                    | 0.02766               | 1.34119               |
| 01/25/02    | MW-4    | 578                 | 5,391                          | 12/12/01     | 15,000                   | 0.07235               | 1.55831               | 1,300                       | 0.00627                  | 0.03961                  | 20,000                   | 0.09646               | 1.43765               |
| 02/13/02    | MW-4    | 500                 | 5,891                          | 01/31/02     | 12,000                   | 0.05007               | 1.60838               | 1,500                       | 0.00626                  | 0.04587                  | 12,000                   | 0.05007               | 1.48772               |
| 03/13/02    | MW-4    | 300                 | 6,191                          | 01/31/02     | 12,000                   | 0.03004               | 1.63842               | 1,500                       | 0.00375                  | 0.04962                  | 12,000                   | 0.03004               | 1.51776               |
| 04/17/02    | MW-4    | 309                 | 6,500                          | 01/31/02     | 12,000                   | 0.03094               | 1.66936               | 1,500                       | 0.00387                  | 0.05349                  | 12,000                   | 0.03094               | 1.54870               |
| 05/15/02    | MW-4    | 291                 | 6,791                          | 01/31/02     | 12,000                   | 0.02914               | 1.69850               | 1,500                       | 0.00364                  | 0.05713                  | 12,000                   | 0.02914               | 1.57784               |
| 06/14/02    | MW-4    | 200                 | 6,991                          | 05/31/02     | 8,200                    | 0.01368               | 1.71218               | 1,100                       | 0.00184                  | 0.05897                  | 8,100                    | 0.01352               | 1.59135               |
| 07/12/02    | MW-4    | 263                 | 7,254                          | 05/31/02     | 8,200                    | 0.01800               | 1.73018               | 1,100                       | 0.00241                  | 0.06138                  | 8,100                    | 0.01778               | 1.60913               |
| 08/16/02    | MW-4    | 322                 | 7,576                          | 07/25/02     | 3,300                    | 0.00887               | 1.73905               | 290                         | 0.00078                  | 0.06216                  | 2,600                    | 0.00699               | 1.61612               |
| 09/18/02    | MW-4    | 150                 | 7,726                          | 07/25/02     | 3,300                    | 0.00413               | 1.74318               | 290                         | 0.00036                  | 0.06253                  | 2,600                    | 0.00325               | 1.61937               |
| 10/29/02    | MW-4    | 100                 | 7,826                          | 07/25/02     | 3,300                    | 0.00275               | 1.74593               | 290                         | 0.00024                  | 0.06277                  | 2,600                    | 0.00217               | 1.62154               |



**Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98995745, 6039 College Avenue, Oakland, California**

| Date Purged                     | Well ID | Volume Pumped (gal) | Cumulative Volume Pumped (gal) | Date Sampled                  | TPPH                     |                       |                       | Benzene                     |                          |                          | MTBE                     |                       |                       |
|---------------------------------|---------|---------------------|--------------------------------|-------------------------------|--------------------------|-----------------------|-----------------------|-----------------------------|--------------------------|--------------------------|--------------------------|-----------------------|-----------------------|
|                                 |         |                     |                                |                               | TPPH Concentration (ppb) | TPPH Removed (pounds) | TPPH To Date (pounds) | Benzene Concentration (ppb) | Benzene Removed (pounds) | Benzene To Date (pounds) | MTBE Concentration (ppb) | MTBE Removed (pounds) | MTBE To Date (pounds) |
| 11/18/02                        | MW-4    | 200                 | 8,026                          | 07/25/02                      | 3,300                    | 0.00551               | 1.75144               | 290                         | 0.00048                  | 0.06325                  | 2,600                    | 0.00434               | 1.62588               |
| 12/21/02                        | MW-4    | 400                 | 8,426                          | 11/26/02                      | 1,400                    | 0.00467               | 1.75611               | 89                          | 0.00030                  | 0.06355                  | 770                      | 0.00257               | 1.62845               |
| 01/15/03                        | MW-4    | 400                 | 8,826                          | 11/26/02                      | 1,400                    | 0.00467               | 1.76078               | 89                          | 0.00030                  | 0.06385                  | 770                      | 0.00257               | 1.63102               |
| 02/18/03                        | MW-4    | 600                 | 9,426                          | 01/29/03                      | 7,400                    | 0.03705               | 1.79783               | 1,400                       | 0.00701                  | 0.07086                  | 8,900                    | 0.04456               | 1.67558               |
| 04/29/03                        | MW-4    | 384                 | 9,810                          | 01/29/03                      | 7,400                    | 0.02371               | 1.82154               | 1,400                       | 0.00449                  | 0.07534                  | 8,900                    | 0.02852               | 1.70410               |
| 05/27/03                        | MW-4    | 196                 | 10,006                         | 01/29/03                      | 7,400                    | 0.01210               | 1.83365               | 1,400                       | 0.00229                  | 0.07763                  | 8,900                    | 0.01456               | 1.71865               |
| 06/30/03                        | MW-4    | 207                 | 10,213                         | 06/03/03                      | 5,600                    | 0.00967               | 1.84332               | 990                         | 0.00171                  | 0.07934                  | 3,700                    | 0.00639               | 1.72504               |
| 08/02/03                        | MW-4    | 193                 | 10,406                         | 06/03/03                      | 5,600                    | 0.00902               | 1.85234               | 990                         | 0.00159                  | 0.08094                  | 3,700                    | 0.00596               | 1.73100               |
| 08/29/03                        | MW-4    | 156                 | 10,562                         | 06/03/03                      | 5,600                    | 0.00729               | 1.85963               | 990                         | 0.00129                  | 0.08222                  | 3,700                    | 0.00482               | 1.73582               |
| 09/08/03                        | MW-4    | 193                 | 10,755                         | 06/03/03                      | 5,600                    | 0.00902               | 1.86865               | 990                         | 0.00159                  | 0.08382                  | 3,700                    | 0.00596               | 1.74178               |
| 10/13/03                        | MW-4    | 100                 | 10,855                         | 08/27/03                      | 1,500                    | 0.00125               | 1.86990               | 220                         | 0.00018                  | 0.08400                  | 1,100                    | 0.00092               | 1.74269               |
| 11/14/03                        | MW-4    | 100                 | 10,955                         | 11/13/03                      | 3,100                    | 0.00259               | 1.87248               | 140                         | 0.00012                  | 0.08412                  | 340                      | 0.00028               | 1.74298               |
| 12/12/03                        | MW-4    | 218                 | 11,173                         | 11/13/03                      | 3,100                    | 0.00564               | 1.87812               | 140                         | 0.00025                  | 0.08437                  | 340                      | 0.00062               | 1.74360               |
| 07/21/04                        | MW-4    | 298                 | 11,471                         | 05/03/04                      | 9,300                    | 0.02313               | 1.90125               | 1,400                       | 0.00348                  | 0.08786                  | 2,400                    | 0.00597               | 1.74956               |
| 08/23/04                        | MW-4    | 268                 | 11,739                         | 05/03/04                      | 9,300                    | 0.02080               | 1.92205               | 1,400                       | 0.00313                  | 0.09099                  | 2,400                    | 0.00537               | 1.75493               |
| 09/20/04                        | MW-4    | 200                 | 11,939                         | 08/30/04                      | 2,700                    | 0.00451               | 1.92655               | 270                         | 0.00045                  | 0.09144                  | 540                      | 0.00090               | 1.75583               |
| 10/18/04                        | MW-4    | 100                 | 12,039                         | 08/30/04                      | 2,700                    | 0.00225               | 1.92880               | 270                         | 0.00023                  | 0.09166                  | 540                      | 0.00045               | 1.75628               |
| 11/30/04**                      | MW-4    | 99                  | 12,138                         | 11/22/04                      | 2,200                    | 0.00182               | 1.93062               | 310                         | 0.00026                  | 0.09192                  | 340                      | 0.00028               | 1.75656               |
| 12/16/04                        | MW-4    | 245                 | 12,383                         | 11/22/04                      | 2,200                    | 0.00450               | 1.93512               | 310                         | 0.00063                  | 0.09255                  | 340                      | 0.00070               | 1.75726               |
| <b>Total Gallons Extracted:</b> |         |                     | <b>25,544</b>                  | <b>Total Pounds Removed:</b>  |                          |                       | <b>2.55980</b>        | <b>0.14603</b>              |                          |                          | <b>2.49109</b>           |                       |                       |
|                                 |         |                     |                                | <b>Total Gallons Removed:</b> |                          |                       | <b>0.41964</b>        | <b>0.02000</b>              |                          |                          | <b>0.40179</b>           |                       |                       |

**Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98995745, 6039 College Avenue, Oakland, California**

| Date Purged | Well ID | Volume Pumped (gal) | Cumulative Volume Pumped (gal) | Date Sampled | TPPH                     |                       |                               | Benzene                     |                          |                                  | MTBE                     |                       |                               |
|-------------|---------|---------------------|--------------------------------|--------------|--------------------------|-----------------------|-------------------------------|-----------------------------|--------------------------|----------------------------------|--------------------------|-----------------------|-------------------------------|
|             |         |                     |                                |              | TPPH Concentration (ppb) | TPPH Removed (pounds) | TPPH Removed To Date (pounds) | Benzene Concentration (ppb) | Benzene Removed (pounds) | Benzene Removed To Date (pounds) | MTBE Concentration (ppb) | MTBE Removed (pounds) | MTBE Removed To Date (pounds) |

**Abbreviations & Notes:**

TPPH = Total purgeable hydrocarbons as gasoline

MtBE = Methyl tert-butyl ether

ppb = Parts per billion

gal = Gallon

Mass removed based on the formula: volume extracted (gal) x Concentration (µg/L) x (g/10<sup>6</sup>µg) x (pound/453.6g) x (3.785 L/gal)

Volume removal data based on the formula: density (in gms/cc) x 9.339 (ccxlbs/gmsxgals)

TPPH, benzene analyzed by EPA Method 8015/8020

MTBE analyzed by EPA Method 8260 in bold font, all other MTBE analyzed by EPA Method 8020

Concentrations based on most recent groundwater monitoring results

Groundwater extracted by vacuum trucks provided by ACTI between September 22, 1999 and November 10, 1999, and from November 5, 2001 through December 5, 2001, and by Blaine Tech Services from November 19, 1999 to June 8, 2000.

Groundwater extracted by vacuum trucks provided by Onyx Industrial from January 25, 2002 and on. Water disposed of at a Martinez refinery.

\* = Well dry

\*\* = Volume per well estimated from total volume reported for MW-3 and MW-4

**ATTACHMENT A**  
**Blaine Groundwater Monitoring Report**  
**and Field Notes**

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**BLAINE**  
TECH SERVICES INC

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GROUNDWATER SAMPLING SPECIALISTS  
SINCE 1985

January 4, 2004

Karen Petryna  
Shell Oil Products US  
20945 South Wilmington Avenue  
Carson, CA 90810

Fourth Quarter 2004 Groundwater Monitoring at  
Shell-branded Service Station  
6039 College Avenue  
Oakland, CA

Monitoring performed on November 22, 2004

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Groundwater Monitoring Report **041122-BA-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight-hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Leon Gearhart  
Project Coordinator

LG/ks

attachments: Cumulative Table of WELL CONCENTRATIONS  
Certified Analytical Report  
Field Data Sheets

cc: Anni Kreml  
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**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6039 College Avenue**  
**Oakland, CA**

| Well ID | Date       | TPPH<br>(ug/L) | TEPH<br>(ug/L) | B<br>(ug/L) | T<br>(ug/L) | E<br>(ug/L) | X<br>(ug/L) | MTBE<br>8020<br>(ug/L) | MTBE<br>8260<br>(ug/L) | DIPE<br>(ug/L) | ETBE<br>(ug/L) | TAME<br>(ug/L) | TBA<br>(ug/L) | 1,2 DCA<br>(ug/L) | EDB<br>(ug/L) | Ethanol<br>(ug/L) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | Depth to<br>SPH<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|-------------------|---------------|-------------------|--------------|----------------------------|--------------------------|--------------------------|---------------------------|------------------------|
| MW-1    | 02/15/1990 | 95             | 650            | ND          | 0.67        | 0.37        | 3.2         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 17.73                      | NA                       | 178.16                   | NA                        | NA                     |
| MW-1    | 04/19/1990 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 18.51                      | NA                       | 177.38                   | NA                        | NA                     |
| MW-1    | 05/14/1990 | 95             | ND             | 0.7         | 0.57        | 0.71        | 3.5         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 18.92                      | NA                       | 176.97                   | NA                        | NA                     |
| MW-1    | 06/21/1990 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 18.21                      | NA                       | 177.68                   | NA                        | NA                     |
| MW-1    | 09/12/1990 | ND             | 84             | ND          | ND          | ND          | ND          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 19.81                      | NA                       | 176.08                   | NA                        | NA                     |
| MW-1    | 11/27/1990 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 20.39                      | NA                       | 175.50                   | NA                        | NA                     |
| MW-1    | 03/08/1991 | ND             | 50             | ND          | ND          | ND          | ND          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 16.85                      | NA                       | 179.04                   | NA                        | NA                     |
| MW-1    | 06/03/1991 | ND             | ND             | ND          | ND          | ND          | ND          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 17.82                      | NA                       | 178.07                   | NA                        | NA                     |
| MW-1    | 08/30/1991 | 16.85          | 520            | ND          | ND          | ND          | ND          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 19.87                      | NA                       | 176.02                   | NA                        | NA                     |
| MW-1    | 11/22/1991 | <50            | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 20.58                      | NA                       | 175.31                   | NA                        | NA                     |
| MW-1    | 03/18/1992 | <30            | <50            | <0.3        | <0.3        | <0.3        | <0.3        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 13.55                      | NA                       | 182.34                   | NA                        | NA                     |
| MW-1    | 05/28/1992 | <50            | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 17.08                      | NA                       | 178.81                   | NA                        | NA                     |
| MW-1    | 08/19/1992 | <50            | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 19.07                      | NA                       | 176.82                   | NA                        | NA                     |
| MW-1    | 11/17/1992 | <50            | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 20.11                      | NA                       | 175.78                   | NA                        | NA                     |
| MW-1    | 02/12/1993 | <50            | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 12.10                      | NA                       | 183.79                   | NA                        | NA                     |
| MW-1    | 06/10/1993 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 14.87                      | NA                       | 181.02                   | NA                        | NA                     |
| MW-1    | 08/18/1993 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 16.90                      | NA                       | 178.99                   | NA                        | NA                     |
| MW-1    | 11/19/1993 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 19.72                      | NA                       | 176.17                   | NA                        | NA                     |
| MW-1    | 02/28/1994 | <50            | NA             | <0.5        | <0.5        | <0.5        | 1.7         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 15.08                      | NA                       | 180.81                   | NA                        | NA                     |
| MW-1    | 05/04/1994 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 17.20                      | NA                       | 178.69                   | NA                        | NA                     |
| MW-1    | 08/10/1994 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 18.76                      | NA                       | 177.13                   | NA                        | NA                     |
| MW-1    | 11/08/1994 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 16.00                      | NA                       | 179.89                   | NA                        | NA                     |
| MW-1    | 02/01/1995 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 10.18                      | NA                       | 185.71                   | NA                        | NA                     |
| MW-1    | 05/10/1995 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 11.88                      | NA                       | 184.01                   | NA                        | NA                     |
| MW-1    | 08/24/1995 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 15.60                      | NA                       | 180.29                   | NA                        | NA                     |
| MW-1    | 11/10/1995 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 18.24                      | NA                       | 177.65                   | NA                        | NA                     |
| MW-1    | 02/24/1996 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 9.88                       | NA                       | 186.01                   | NA                        | NA                     |
| MW-1    | 05/22/1996 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | <2.5                   | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 12.24                      | NA                       | 183.65                   | NA                        | NA                     |
| MW-1    | 08/19/1996 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | <2.5                   | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 15.86                      | NA                       | 180.03                   | NA                        | NA                     |
| MW-1    | 12/05/1996 | 160            | NA             | 7.3         | 8.2         | 5.5         | 23          | <2.5                   | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 16.21                      | NA                       | 179.68                   | NA                        | NA                     |
| MW-1    | 01/08/1997 | <50            | NA             | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 9.73                       | NA                       | 186.16                   | NA                        | NA                     |
| MW-1    | 02/20/1997 | <50            | NA             | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 11.60                      | NA                       | 184.29                   | NA                        | NA                     |
| MW-1    | 05/30/1997 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 15.02                      | NA                       | 180.87                   | NA                        | NA                     |
| MW-1    | 08/18/1997 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 17.20                      | NA                       | 178.69                   | NA                        | NA                     |
| MW-1    | 11/03/1997 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 16.02                      | NA                       | 179.87                   | NA                        | NA                     |
| MW-1    | 01/20/1998 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 9.35                       | NA                       | 186.54                   | NA                        | NA                     |
| MW-1    | 06/05/1998 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 11.75                      | NA                       | 184.14                   | NA                        | NA                     |

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|---------|------------|----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|-------------------|---------------|-------------------|--------------|----------------------------|--------------------------|--------------------------|---------------------------|------------------------|
| MW-1    | 07/23/1998 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 13.32                      | NA                       | 182.57                   | NA                        | NA                     |
| MW-1    | 11/19/1998 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 14.01                      | NA                       | 181.88                   | NA                        | NA                     |
| MW-1    | 02/03/1999 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 15.62                      | NA                       | 180.27                   | NA                        | NA                     |
| MW-1    | 06/04/1999 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 14.72                      | NA                       | 181.17                   | NA                        | NA                     |
| MW-1    | 08/31/1999 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 17.00                      | NA                       | 178.89                   | NA                        | NA                     |
| MW-1    | 12/10/1999 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 18.36                      | NA                       | 177.53                   | NA                        | NA                     |
| MW-1    | 02/11/2000 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 15.09                      | NA                       | 180.80                   | NA                        | NA                     |
| MW-1    | 05/04/2000 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 12.97                      | NA                       | 182.92                   | NA                        | NA                     |
| MW-1    | 08/31/2000 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 15.02                      | NA                       | 180.87                   | NA                        | NA                     |
| MW-1    | 11/30/2000 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 12.90                      | NA                       | 182.99                   | NA                        | NA                     |
| MW-1    | 02/13/2001 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 14.28                      | NA                       | 181.61                   | NA                        | NA                     |
| MW-1    | 05/29/2001 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 16.04                      | NA                       | 179.85                   | NA                        | NA                     |
| MW-1    | 07/30/2001 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 17.53                      | NA                       | 178.36                   | NA                        | NA                     |
| MW-1    | 12/12/2001 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 14.79                      | NA                       | 181.10                   | NA                        | NA                     |
| MW-1    | 01/31/2002 | <50            | NA             | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 13.71                      | NA                       | 182.18                   | NA                        | NA                     |
| MW-1    | 05/31/2002 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 15.63                      | NA                       | 180.26                   | NA                        | NA                     |
| MW-1    | 07/25/2002 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.89       | 17.08                      | NA                       | 178.81                   | NA                        | NA                     |
| MW-1    | 11/26/2002 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 200.56       | 19.30                      | NA                       | 181.26                   | NA                        | NA                     |
| MW-1    | 01/29/2003 | <50            | NA             | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 200.56       | 13.90                      | NA                       | 186.66                   | NA                        | NA                     |
| MW-1    | 06/03/2003 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 200.56       | 15.30                      | NA                       | 185.26                   | NA                        | NA                     |
| MW-1    | 08/27/2003 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 200.56       | 17.32                      | NA                       | 183.24                   | NA                        | NA                     |
| MW-1    | 11/13/2003 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 200.56       | 18.61                      | NA                       | 181.95                   | NA                        | NA                     |
| MW-1    | 02/05/2004 | <50            | NA             | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | <0.50                  | NA             | NA             | NA             | <5.0          | NA                | NA            | NA                | 200.56       | 14.46                      | NA                       | 186.10                   | NA                        | NA                     |
| MW-1    | 05/03/2004 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 200.56       | 14.52                      | NA                       | 186.04                   | NA                        | NA                     |
| MW-1    | 08/30/2004 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 200.56       | 16.73                      | NA                       | 183.83                   | NA                        | NA                     |
| MW-1    | 11/22/2004 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 200.56       | 16.86                      | NA                       | 183.70                   | NA                        | NA                     |
| MW-2    | 02/15/1990 | ND             | 560            | ND          | ND          | ND          | ND          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 16.90                      | NA                       | 177.37                   | NA                        | NA                     |
| MW-2    | 04/19/1990 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 17.69                      | NA                       | 176.58                   | NA                        | NA                     |
| MW-2    | 05/14/1990 | ND             | ND             | ND          | ND          | ND          | ND          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 18.01                      | NA                       | 176.26                   | NA                        | NA                     |
| MW-2    | 06/21/1990 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 17.39                      | NA                       | 176.88                   | NA                        | NA                     |
| MW-2    | 08/12/1990 | ND             | ND             | ND          | ND          | ND          | ND          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 19.00                      | NA                       | 175.27                   | NA                        | NA                     |
| MW-2    | 11/27/1990 | ND             | ND             | ND          | ND          | ND          | ND          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 19.44                      | NA                       | 174.83                   | NA                        | NA                     |
| MW-2    | 03/08/1991 | ND             | ND             | ND          | ND          | ND          | ND          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 15.96                      | NA                       | 178.31                   | NA                        | NA                     |
| MW-2    | 06/03/1991 | ND             | ND             | ND          | ND          | ND          | ND          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 17.00                      | NA                       | 177.27                   | NA                        | NA                     |
| MW-2    | 08/30/1991 | ND             | ND             | ND          | ND          | ND          | ND          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 18.95                      | NA                       | 175.32                   | NA                        | NA                     |
| MW-2    | 11/22/1991 | <50            | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 19.55                      | NA                       | 174.72                   | NA                        | NA                     |

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|---------|------------|----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|-------------------|---------------|-------------------|--------------|----------------------------|--------------------------|--------------------------|---------------------------|------------------------|
| MW-2    | 03/18/1992 | <30            | NA             | <0.3        | <0.3        | <0.3        | <0.3        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 12.91                      | NA                       | 181.36                   | NA                        | NA                     |
| MW-2    | 05/28/1992 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 16.25                      | NA                       | 178.02                   | NA                        | NA                     |
| MW-2    | 08/19/1992 | <50            | NA             | <0.5        | 2           | 1.2         | 1.9         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 18.21                      | NA                       | 176.06                   | NA                        | NA                     |
| MW-2    | 11/17/1992 | <50            | NA             | <0.5        | 2           | 1.2         | 1.9         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 19.15                      | NA                       | 175.12                   | NA                        | NA                     |
| MW-2    | 02/12/1993 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 11.60                      | NA                       | 182.67                   | NA                        | NA                     |
| MW-2    | 06/10/1993 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 14.14                      | NA                       | 180.13                   | NA                        | NA                     |
| MW-2    | 08/18/1993 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 16.10                      | NA                       | 178.17                   | NA                        | NA                     |
| MW-2    | 11/19/1993 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 18.77                      | NA                       | 175.50                   | NA                        | NA                     |
| MW-2    | 02/28/1994 | <50            | NA             | <0.5        | <0.5        | <0.5        | 1.6         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 14.35                      | NA                       | 179.92                   | NA                        | NA                     |
| MW-2    | 05/04/1994 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 16.34                      | NA                       | 177.93                   | NA                        | NA                     |
| MW-2    | 08/10/1994 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 15.79                      | NA                       | 178.48                   | NA                        | NA                     |
| MW-2    | 11/08/1994 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 15.04                      | NA                       | 179.23                   | NA                        | NA                     |
| MW-2    | 02/01/1995 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 10.08                      | NA                       | 184.19                   | NA                        | NA                     |
| MW-2    | 05/10/1995 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 11.68                      | NA                       | 182.59                   | NA                        | NA                     |
| MW-2    | 08/24/1995 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 14.94                      | NA                       | 179.33                   | NA                        | NA                     |
| MW-2    | 11/10/1995 | <50            | NA             | 1.7         | 0.8         | 1.4         | 4.9         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 13.36                      | NA                       | 180.91                   | NA                        | NA                     |
| MW-2    | 02/24/1996 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 9.90                       | NA                       | 184.37                   | NA                        | NA                     |
| MW-2    | 05/22/1996 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | <2.5                   | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 11.80                      | NA                       | 182.47                   | NA                        | NA                     |
| MW-2    | 08/19/1996 | <50            | NA             | <0.5        | <0.5        | <0.5        | <0.5        | <2.5                   | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 15.08                      | NA                       | 179.19                   | NA                        | NA                     |
| MW-2    | 12/05/1996 | <50            | NA             | 1.5         | 1.6         | 1.2         | 5.2         | <2.5                   | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 15.16                      | NA                       | 179.11                   | NA                        | NA                     |
| MW-2    | 01/08/1997 | <50            | NA             | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 9.76                       | NA                       | 184.51                   | NA                        | NA                     |
| MW-2    | 02/20/1997 | <50            | NA             | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 11.47                      | NA                       | 182.80                   | NA                        | NA                     |
| MW-2    | 05/30/1997 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 14.30                      | NA                       | 179.97                   | NA                        | NA                     |
| MW-2    | 08/18/1997 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 16.33                      | NA                       | 177.94                   | NA                        | NA                     |
| MW-2    | 11/03/1997 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 15.54                      | NA                       | 178.73                   | NA                        | NA                     |
| MW-2    | 01/20/1998 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 9.43                       | NA                       | 184.84                   | NA                        | NA                     |
| MW-2    | 06/05/1998 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 11.45                      | NA                       | 182.82                   | NA                        | NA                     |
| MW-2    | 07/23/1998 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 12.71                      | NA                       | 181.56                   | NA                        | NA                     |
| MW-2    | 11/19/1998 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 13.98                      | NA                       | 180.29                   | NA                        | NA                     |
| MW-2    | 02/03/1999 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 15.01                      | NA                       | 179.26                   | NA                        | NA                     |
| MW-2    | 06/04/1999 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 13.93                      | NA                       | 180.34                   | NA                        | NA                     |
| MW-2    | 08/31/1999 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 16.22                      | NA                       | 178.05                   | NA                        | NA                     |
| MW-2    | 12/10/1999 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 17.58                      | NA                       | 176.69                   | NA                        | NA                     |
| MW-2    | 02/11/2000 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 14.10                      | NA                       | 180.17                   | NA                        | NA                     |
| MW-2    | 05/04/2000 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 12.72                      | NA                       | 181.55                   | NA                        | NA                     |
| MW-2    | 08/31/2000 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 14.39                      | NA                       | 179.88                   | NA                        | NA                     |
| MW-2    | 11/30/2000 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 17.00                      | NA                       | 177.27                   | NA                        | NA                     |

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6039 College Avenue**  
**Oakland, CA**

| Well ID | Date       | TPPH<br>(ug/L) | TEPH<br>(ug/L) | B<br>(ug/L) | T<br>(ug/L) | E<br>(ug/L) | X<br>(ug/L) | MTBE<br>8020<br>(ug/L) | MTBE<br>8260<br>(ug/L) | DIPE<br>(ug/L) | ETBE<br>(ug/L) | TAME<br>(ug/L) | TBA<br>(ug/L) | 1,2 DCA<br>(ug/L) | EDB<br>(ug/L) | Ethanol<br>(ug/L) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | Depth to<br>SPH<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|-------------------|---------------|-------------------|--------------|----------------------------|--------------------------|--------------------------|---------------------------|------------------------|
| MW-2    | 02/13/2001 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 13.58                      | NA                       | 180.69                   | NA                        | NA                     |
| MW-2    | 05/29/2001 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 15.26                      | NA                       | 179.01                   | NA                        | NA                     |
| MW-2    | 07/30/2001 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 16.67                      | NA                       | 177.60                   | NA                        | NA                     |
| MW-2    | 12/12/2001 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 13.91                      | NA                       | 180.36                   | NA                        | NA                     |
| MW-2    | 01/31/2002 | <50            | NA             | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 12.96                      | NA                       | 181.31                   | NA                        | NA                     |
| MW-2    | 05/31/2002 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 14.85                      | NA                       | 179.42                   | NA                        | NA                     |
| MW-2    | 07/25/2002 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 194.27       | 16.24                      | NA                       | 178.03                   | NA                        | NA                     |
| MW-2    | 11/26/2002 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 198.95       | 18.35                      | NA                       | 180.60                   | NA                        | NA                     |
| MW-2    | 01/29/2003 | <50            | NA             | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 198.95       | 13.19                      | NA                       | 185.76                   | NA                        | NA                     |
| MW-2    | 06/03/2003 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 198.95       | 14.53                      | NA                       | 184.42                   | NA                        | NA                     |
| MW-2    | 08/27/2003 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 198.95       | 16.46                      | NA                       | 182.49                   | NA                        | NA                     |
| MW-2    | 11/13/2003 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 198.95       | 17.68                      | NA                       | 181.27                   | NA                        | NA                     |
| MW-2    | 02/05/2004 | <50            | NA             | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | <0.50                  | NA             | NA             | NA             | NA            | <5.0              | NA            | NA                | 198.95       | 13.68                      | NA                       | 185.27                   | NA                        | NA                     |
| MW-2    | 05/03/2004 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 198.95       | 13.82                      | NA                       | 185.13                   | NA                        | NA                     |
| MW-2    | 08/30/2004 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 198.95       | 15.94                      | NA                       | 183.01                   | NA                        | NA                     |
| MW-2    | 11/22/2004 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 198.95       | 15.96                      | NA                       | 182.99                   | NA                        | NA                     |
| MW-3    | 02/15/1990 | 4,700          | 3,100          | 320         | 29          | 110         | 33          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 15.81                      | NA                       | 176.71                   | NA                        | NA                     |
| MW-3    | 04/19/1990 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 16.57                      | NA                       | 175.95                   | NA                        | NA                     |
| MW-3    | 05/14/1990 | 1,400          | 60             | 130         | 8.6         | 40          | 17          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 16.97                      | NA                       | 175.55                   | NA                        | NA                     |
| MW-3    | 06/21/1990 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 16.27                      | NA                       | 176.25                   | NA                        | NA                     |
| MW-3    | 09/12/1990 | 2,000          | 1,500          | 58          | 5.8         | 16          | 15          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 18.78                      | NA                       | 173.74                   | NA                        | NA                     |
| MW-3    | 11/27/1990 | 540            | 240            | 18          | 1.5         | 8.7         | 2.5         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 18.27                      | NA                       | 174.25                   | NA                        | NA                     |
| MW-3    | 03/08/1991 | 3,400          | 2,100          | 630         | 33          | 270         | 18          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 14.86                      | NA                       | 177.66                   | NA                        | NA                     |
| MW-3    | 06/03/1991 | 1,700          | 690a           | 260         | 13          | 98          | 24          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 15.84                      | NA                       | 176.68                   | NA                        | NA                     |
| MW-3    | 08/30/1991 | 870            | 370a           | 44          | 6.1         | 10          | 2.9         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 17.79                      | NA                       | 174.73                   | NA                        | NA                     |
| MW-3    | 11/22/1991 | 310            | 140            | 18          | 1.2         | 3.3         | 2.9         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 18.40                      | NA                       | 174.12                   | NA                        | NA                     |
| MW-3    | 03/18/1992 | 67,100         | 1,900          | 620         | 28          | 220         | 38          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 12.03                      | NA                       | 180.49                   | NA                        | NA                     |
| MW-3    | 05/28/1992 | 2,300          | 1,100a         | 200         | 9           | 71          | 17          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 15.16                      | NA                       | 177.36                   | NA                        | NA                     |
| MW-3    | 08/19/1992 | 5,700          | 1,000a         | 71          | 77          | 52          | 130         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 17.03                      | NA                       | 175.49                   | NA                        | NA                     |
| MW-3    | 11/17/1992 | 3,600          | 160a           | 16          | 8.6         | 24          | 50          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 17.94                      | NA                       | 174.58                   | NA                        | NA                     |
| MW-3    | 02/12/1993 | 4,700          | 560a           | 820         | 58          | 130         | 77          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 9.16                       | NA                       | 183.36                   | NA                        | NA                     |
| MW-3    | 06/10/1993 | 2,200          | NA             | 310         | 23          | 89          | 23          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 13.20                      | NA                       | 179.32                   | NA                        | NA                     |
| MW-3    | 08/18/1993 | 260            | NA             | 27          | 2           | 7           | 2.2         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 14.93                      | NA                       | 177.59                   | NA                        | NA                     |
| MW-3    | 11/19/1993 | 1,500a         | NA             | 24          | 54          | 37          | 17          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 17.58                      | NA                       | 174.94                   | NA                        | NA                     |
| MW-3    | 02/28/1994 | 2,700          | NA             | 65          | 5.2         | 16          | 6.3         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 13.30                      | NA                       | 179.22                   | NA                        | NA                     |
| MW-3    | 05/04/1994 | 780            | NA             | 120         | 7.5         | 21          | 6.9         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 15.25                      | NA                       | 177.27                   | NA                        | NA                     |

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6039 College Avenue**  
**Oakland, CA**

| Well ID | Date       | TPPH<br>(ug/L) | TEPH<br>(ug/L) | B<br>(ug/L) | T<br>(ug/L) | E<br>(ug/L) | X<br>(ug/L) | MTBE<br>8020<br>(ug/L) | MTBE<br>8260<br>(ug/L) | DIPE<br>(ug/L) | ETBE<br>(ug/L) | TAME<br>(ug/L) | TBA<br>(ug/L) | 1,2 DCA<br>(ug/L) | EDB<br>(ug/L) | Ethanol<br>(ug/L) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | Depth to<br>SPH<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|-------------------|---------------|-------------------|--------------|----------------------------|--------------------------|--------------------------|---------------------------|------------------------|
| MW-3    | 08/10/1994 | 920            | NA             | 20          | 2.3         | 3           | 2.2         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 16.63                      | NA                       | 175.89                   | NA                        | NA                     |
| MW-3    | 11/08/1994 | 1,300          | NA             | 180         | 16          | 7           | 12          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 13.88                      | NA                       | 178.64                   | NA                        | NA                     |
| MW-3    | 02/01/1995 | 1,400          | NA             | 210         | 8.5         | 11          | 8.7         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 9.25                       | NA                       | 183.27                   | NA                        | NA                     |
| MW-3    | 05/10/1995 | 460            | NA             | 97          | 10          | 1           | 19          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 10.76                      | NA                       | 181.74                   | NA                        | NA                     |
| MW-3    | 08/24/1995 | 640            | NA             | 68          | 21          | 14          | 19          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 13.90                      | NA                       | 178.62                   | NA                        | NA                     |
| MW-3    | 11/10/1995 | 350            | NA             | 15          | 2.3         | 1.2         | 2.5         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 16.20                      | NA                       | 176.32                   | NA                        | NA                     |
| MW-3    | 02/24/1996 | 3,300          | NA             | 240         | 53          | 38          | 55          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 8.93                       | NA                       | 183.59                   | NA                        | NA                     |
| MW-3    | 05/22/1996 | 1,300          | NA             | 110         | 15          | <10         | <10         | 3,500                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 10.86                      | NA                       | 181.66                   | NA                        | NA                     |
| MW-3    | 08/19/1996 | 350            | NA             | 15          | 3.3         | 3.4         | 3.3         | 340                    | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 13.97                      | NA                       | 178.55                   | NA                        | NA                     |
| MW-3    | 12/05/1996 | 290            | NA             | 12          | 7.6         | 5.4         | 16          | 370                    | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 14.06                      | NA                       | 178.46                   | NA                        | NA                     |
| MW-3    | 02/20/1997 | 980            | NA             | 69          | 7.9         | 14          | 15          | 3,200                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 10.60                      | NA                       | 181.92                   | NA                        | NA                     |
| MW-3    | 05/30/1997 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 13.26                      | NA                       | 179.26                   | NA                        | NA                     |
| MW-3    | 08/18/1997 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 15.21                      | NA                       | 177.31                   | NA                        | NA                     |
| MW-3    | 11/03/1997 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 14.49                      | NA                       | 178.03                   | NA                        | NA                     |
| MW-3    | 01/20/1998 | 3,100          | NA             | 360         | 1,000       | 73          | 420         | 59,000                 | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 8.43                       | NA                       | 184.09                   | NA                        | NA                     |
| MW-3    | 06/05/1998 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 10.55                      | NA                       | 181.97                   | NA                        | NA                     |
| MW-3    | 07/23/1998 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 11.80                      | NA                       | 180.72                   | NA                        | NA                     |
| MW-3    | 11/19/1998 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 11.97                      | NA                       | 180.55                   | NA                        | NA                     |
| MW-3    | 02/03/1999 | <10,000        | NA             | 840         | 131         | <100        | 316         | 27,600                 | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 13.55                      | NA                       | 178.97                   | NA                        | 2.3                    |
| MW-3    | 06/04/1999 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 12.90                      | NA                       | 179.62                   | NA                        | NA                     |
| MW-3    | 08/31/1999 | 1,550          | NA             | 232         | <10.0       | 125         | 293         | 4,620                  | 2,460b                 | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 14.99                      | NA                       | 177.53                   | NA                        | 3.4                    |
| MW-3    | 12/10/1999 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 16.35                      | NA                       | 176.17                   | NA                        | NA                     |
| MW-3    | 02/11/2000 | 10,900         | NA             | 1,030       | <50.0       | 308         | 1,000       | 19,300                 | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 12.85                      | NA                       | 179.67                   | NA                        | 1.0                    |
| MW-3    | 05/04/2000 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 17.05                      | NA                       | 175.47                   | NA                        | NA                     |
| MW-3    | 08/31/2000 | 2,560          | NA             | 165         | 7.19        | 77.6        | 183         | 4,090                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 14.26                      | NA                       | 178.26                   | NA                        | c                      |
| MW-3    | 11/30/2000 | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 15.75                      | NA                       | 176.77                   | NA                        | NA                     |
| MW-3    | 02/13/2001 | 5,880          | NA             | 563         | <50.0       | 282         | 472         | 8,960                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 13.05                      | NA                       | 179.47                   | NA                        | 3.6                    |
| MW-3    | 05/29/2001 | 1,800          | NA             | 130         | <5.0        | 84          | 100         | NA                     | 1,900                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 13.84                      | NA                       | 178.68                   | NA                        | NA                     |
| MW-3    | 07/30/2001 | 2,700          | NA             | 250         | 8.8         | 130         | 120         | NA                     | 5,200                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 15.46                      | NA                       | 177.06                   | NA                        | NA                     |
| MW-3    | 12/12/2001 | <10,000        | NA             | 720         | <100        | 260         | 260         | NA                     | 8,600                  | <100           | <100           | <100           | <1,000        | NA                | NA            | <1,000            | 192.52       | 12.93                      | NA                       | 179.59                   | NA                        | NA                     |
| MW-3    | 01/31/2002 | 11,000         | NA             | 750         | 14          | 570         | 510         | NA                     | 5,800                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 11.88                      | NA                       | 180.64                   | NA                        | NA                     |
| MW-3    | 05/31/2002 | 5,100          | NA             | 410         | 8.6         | 300         | 190         | NA                     | 3,600                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 13.65                      | NA                       | 178.87                   | NA                        | NA                     |
| MW-3    | 07/25/2002 | 2,100          | NA             | 170         | <10         | 73          | 33          | NA                     | 2,600                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 192.52       | 15.04                      | NA                       | 177.48                   | NA                        | NA                     |
| MW-3    | 11/26/2002 | 510            | NA             | 26          | <2.0        | <2.0        | 2.1         | NA                     | 940                    | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 197.18       | 17.15                      | NA                       | 180.03                   | NA                        | NA                     |
| MW-3    | 01/29/2003 | 6,000          | NA             | 460         | 8.5         | 250         | 87          | NA                     | 3,500                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 197.18       | 12.21                      | NA                       | 184.97                   | NA                        | NA                     |
| MW-3    | 06/03/2003 | 5,300          | NA             | 350         | <25         | 130         | 51          | NA                     | 2,200                  | <100           | <100           | <100           | 920           | <25               | <25           | <2,500            | 197.18       | 13.40                      | NA                       | 183.78                   | NA                        | NA                     |
| MW-3    | 08/27/2003 | 700 a          | NA             | 100         | <5.0        | 20          | <10         | NA                     | 810                    | NA             | NA             | NA             | 460           | NA                | NA            | NA                | 197.18       | 15.14                      | NA                       | 182.04                   | NA                        | NA                     |



**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6039 College Avenue**  
**Oakland, CA**

| Well ID | Date       | TPPH<br>(ug/L) | TEPH<br>(ug/L) | B<br>(ug/L) | T<br>(ug/L) | E<br>(ug/L) | X<br>(ug/L) | MTBE<br>8020<br>(ug/L) | MTBE<br>8260<br>(ug/L) | DIPE<br>(ug/L) | ETBE<br>(ug/L) | TAME<br>(ug/L) | TBA<br>(ug/L) | 1,2 DCA<br>(ug/L) | EDB<br>(ug/L) | Ethanol<br>(ug/L) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | Depth to<br>SPH<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|-------------------|---------------|-------------------|--------------|----------------------------|--------------------------|--------------------------|---------------------------|------------------------|
| MW-3    | 11/13/2003 | 590            | NA             | 36          | <2.5        | <2.5        | <5.0        | NA                     | 440                    | NA             | NA             | NA             | 400           | NA                | NA            | NA                | 197.18       | 16.46                      | NA                       | 180.72                   | NA                        | NA                     |
| MW-3    | 02/05/2004 | <2,500         | NA             | 420         | <25         | 74          | <50         | NA                     | 2,400                  | NA             | NA             | NA             | 950           | NA                | NA            | NA                | 197.18       | 12.84                      | NA                       | 184.34                   | NA                        | NA                     |
| MW-3    | 05/03/2004 | 2,600          | NA             | 210         | <10         | 42          | 21          | NA                     | 1,600                  | NA             | NA             | NA             | 820           | NA                | NA            | NA                | 197.18       | 12.57                      | NA                       | 184.61                   | NA                        | NA                     |
| MW-3    | 08/30/2004 | 2,100          | NA             | 120         | 6.8         | 5.7         | 11          | NA                     | 730                    | <20            | <20            | <20            | 460           | NA                | NA            | NA                | 197.18       | 14.76                      | NA                       | 182.42                   | NA                        | NA                     |
| MW-3    | 11/22/2004 | 2,600          | NA             | 160         | 5.5         | 5.1         | <10         | NA                     | 570                    | NA             | NA             | NA             | 540           | NA                | NA            | NA                | 197.18       | 14.58                      | NA                       | 182.60                   | NA                        | NA                     |

|      |            |       |       |     |     |      |      |    |    |    |    |    |    |    |    |    |        |       |    |        |       |    |
|------|------------|-------|-------|-----|-----|------|------|----|----|----|----|----|----|----|----|----|--------|-------|----|--------|-------|----|
| MW-4 | 02/15/1990 | ND    | 1,200 | ND  | ND  | ND   | ND   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 16.73 | NA | 176.65 | NA    | NA |
| MW-4 | 04/19/1990 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 17.48 | NA | 175.89 | NA    | NA |
| MW-4 | 05/14/1990 | 650   | 350   | 160 | 7   | 1.9  | 3.1  | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 17.88 | NA | 175.49 | NA    | NA |
| MW-4 | 06/21/1990 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 17.18 | NA | 176.19 | NA    | NA |
| MW-4 | 09/12/1990 | 440   | 260   | 91  | 1.1 | 0.75 | 0.79 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 17.85 | NA | 175.52 | NA    | NA |
| MW-4 | 11/27/1990 | 470   | 2,400 | 64  | 1.2 | 0.8  | 2.7  | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 19.16 | NA | 174.21 | NA    | NA |
| MW-4 | 03/08/1991 | 1,100 | 2,600 | 330 | 3.5 | 88   | 5.8  | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 15.77 | NA | 177.60 | NA    | NA |
| MW-4 | 06/03/1991 | 670   | 1,100 | 240 | 2.3 | 1.6  | 2.3  | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 16.77 | NA | 176.60 | NA    | NA |
| MW-4 | 08/30/1991 | 570   | 280   | 64  | 1.8 | 0.9  | 0.9  | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 18.71 | NA | 174.66 | NA    | NA |
| MW-4 | 11/22/1991 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | NA    | NA | NA     | NA    | NA |
| MW-4 | 01/15/1992 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | NA    | NA | NA     | NA    | NA |
| MW-4 | 02/15/1992 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | NA    | NA | NA     | NA    | NA |
| MW-4 | 03/18/1992 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 13.15 | NA | 180.41 | 0.24  | NA |
| MW-4 | 04/29/1992 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | NA    | NA | NA     | NA    | NA |
| MW-4 | 05/28/1992 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 16.22 | NA | 177.25 | 0.12  | NA |
| MW-4 | 08/19/1992 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 18.05 | NA | 175.39 | 0.09  | NA |
| MW-4 | 11/17/1992 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 18.89 | NA | 174.48 | NA    | NA |
| MW-4 | 02/12/1993 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 11.78 | NA | 181.59 | <0.01 | NA |
| MW-4 | 06/10/1993 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 14.20 | NA | 179.17 | 0.02  | NA |
| MW-4 | 08/18/1993 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 15.95 | NA | 177.43 | 0.01  | NA |
| MW-4 | 11/19/1993 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 18.48 | NA | 174.90 | 0.01  | NA |
| MW-4 | 02/28/1994 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 14.60 | NA | 178.77 | 0.01  | NA |
| MW-4 | 05/04/1994 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 16.15 | NA | 177.22 | <0.01 | NA |
| MW-4 | 08/10/1994 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 17.58 | NA | 175.81 | 0.02  | NA |
| MW-4 | 11/10/1994 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 15.05 | NA | 178.36 | 0.05  | NA |
| MW-4 | 02/01/1995 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 10.71 | NA | 182.69 | 0.04  | NA |
| MW-4 | 05/10/1995 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 11.90 | NA | 181.52 | 0.06  | NA |
| MW-4 | 08/24/1995 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 14.97 | NA | 178.42 | 0.02  | NA |
| MW-4 | 11/10/1995 | 4,700 | NA    | 100 | 22  | 23   | 38   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 17.27 | NA | 176.10 | <0.01 | NA |
| MW-4 | 02/24/1996 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 10.44 | NA | 182.95 | 0.03  | NA |
| MW-4 | 05/22/1996 | NA    | NA    | NA  | NA  | NA   | NA   | NA | NA | NA | NA | NA | NA | NA | NA | NA | 193.37 | 11.88 | NA | 181.51 | 0.03  | NA |

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6039 College Avenue**  
**Oakland, CA**

| Well ID | Date       | TPPH<br>(ug/L)    | TEPH<br>(ug/L) | B<br>(ug/L) | T<br>(ug/L) | E<br>(ug/L) | X<br>(ug/L) | MTBE<br>8020<br>(ug/L) | MTBE<br>8260<br>(ug/L) | DIPE<br>(ug/L) | ETBE<br>(ug/L) | TAME<br>(ug/L) | TBA<br>(ug/L) | 1,2 DCA<br>(ug/L) | EDB<br>(ug/L) | Ethanol<br>(ug/L) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | Depth to<br>SPH<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|-------------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|-------------------|---------------|-------------------|--------------|----------------------------|--------------------------|--------------------------|---------------------------|------------------------|
| MW-4    | 08/19/1996 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 15.23                      | NA                       | 178.16                   | 0.02                      | NA                     |
| MW-4    | 12/05/1996 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 14.70                      | NA                       | 178.69                   | 0.02                      | NA                     |
| MW-4    | 01/08/1997 | <10,000           | NA             | <100        | <100        | <100        | <100        | 24,000                 | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 11.60                      | NA                       | 181.79                   | 0.02                      | NA                     |
| MW-4    | 02/20/1997 | <10,000           | NA             | 490         | <100        | <100        | <100        | 59,000                 | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 11.91                      | NA                       | 181.46                   | NA                        | NA                     |
| MW-4    | 05/30/1997 | <2,000            | NA             | 72          | <20         | <20         | <20         | 6,100                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 14.68                      | NA                       | 178.69                   | NA                        | NA                     |
| MW-4    | 08/18/1997 | <5,000            | NA             | 150         | 570         | <50         | 130         | 31,000                 | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 15.07                      | NA                       | 178.30                   | NA                        | NA                     |
| MW-4    | 11/03/1997 | 32,000            | NA             | 1,100       | 6,100       | 640         | 3,600       | 78,000                 | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 15.87                      | NA                       | 177.50                   | NA                        | NA                     |
| MW-4    | 01/20/1998 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 10.25                      | NA                       | 183.62                   | 0.62                      | NA                     |
| MW-4    | 06/05/1998 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 11.62                      | NA                       | 181.80                   | 0.06                      | NA                     |
| MW-4    | 07/23/1998 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 13.93                      | NA                       | 179.51                   | 0.09                      | NA                     |
| MW-4    | 11/19/1998 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 14.07                      | 14.03                    | 179.33                   | 0.04                      | NA                     |
| MW-4    | 12/09/1998 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 15.84                      | 15.81                    | 177.55                   | 0.03                      | NA                     |
| MW-4    | 02/03/1999 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 15.58                      | 15.55                    | 177.81                   | 0.03                      | NA                     |
| MW-4    | 06/04/1999 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 14.04                      | 14.02                    | 179.35                   | 0.02                      | NA                     |
| MW-4    | 08/31/1999 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 16.15                      | 16.12                    | 177.24                   | 0.03                      | NA                     |
| MW-4    | 12/10/1999 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 17.41                      | 17.31                    | 176.04                   | 0.10                      | NA                     |
| MW-4    | 02/11/2000 | 47,200            | NA             | 905         | <200        | 479         | 3,690       | 27,400                 | 30,300b                | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 14.82                      | NA                       | 178.55                   | NA                        | 0.6                    |
| MW-4    | 05/04/2000 | 30,800            | NA             | 1,650       | <100        | 574         | 3,310       | 28,600                 | 31,200b                | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 12.64                      | NA                       | 180.73                   | NA                        | 2.1                    |
| MW-4    | 08/31/2000 | 5,470             | NA             | 366         | <10.0       | 296         | 834         | 3,950                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 16.47                      | NA                       | 176.90                   | NA                        | c                      |
| MW-4    | 11/30/2000 | 20,700            | NA             | 525         | <50.0       | 447         | 1,570       | 2,440                  | 4,280b                 | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 17.67                      | NA                       | 175.70                   | NA                        | 3.3                    |
| MW-4    | 02/13/2001 | 16,200            | NA             | 909         | <50.0       | 514         | 2,390       | 21,300                 | 20,300                 | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 13.30                      | NA                       | 180.07                   | NA                        | 2.4                    |
| MW-4    | 05/29/2001 | Well Inaccessible | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | NA                         | NA                       | NA                       | NA                        | NA                     |
| MW-4    | 05/31/2001 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 15.08                      | 15.03                    | 178.33                   | 0.05                      | NA                     |
| MW-4    | 07/30/2001 | 6,700             | NA             | 260         | 5.7         | 190         | 280         | NA                     | 3,900                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 16.29                      | 16.28                    | 177.09                   | 0.01                      | NA                     |
| MW-4    | 12/12/2001 | 15,000            | NA             | 1,300       | <50         | 520         | 990         | NA                     | 20,000                 | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 13.81                      | NA                       | 179.56                   | NA                        | NA                     |
| MW-4    | 01/31/2002 | 12,000            | NA             | 1,500       | <25         | 570         | 800         | NA                     | 12,000                 | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 12.80                      | NA                       | 180.57                   | NA                        | NA                     |
| MW-4    | 05/31/2002 | 8,200             | NA             | 1,100       | <20         | 380         | 340         | NA                     | 8,100                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 14.59                      | NA                       | 178.78                   | NA                        | NA                     |
| MW-4    | 07/25/2002 | 3,300             | NA             | 290         | <10         | 98          | 74          | NA                     | 2,600                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.37       | 15.94                      | NA                       | 177.43                   | NA                        | NA                     |
| MW-4    | 11/26/2002 | 1,400             | NA             | 89          | 2.9         | 14          | 14          | NA                     | 770                    | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 198.03       | 18.10                      | NA                       | 179.93                   | NA                        | NA                     |
| MW-4    | 01/29/2003 | 7,400             | NA             | 1,400       | <20         | 140         | 200         | NA                     | 8,900                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 198.03       | 13.08                      | NA                       | 184.95                   | NA                        | NA                     |
| MW-4    | 06/03/2003 | 5,600             | NA             | 990         | <10         | 110         | 53          | NA                     | 3,700                  | <40            | <40            | <40            | 760           | <10               | <10           | <1,000            | 198.03       | 14.29                      | NA                       | 183.74                   | NA                        | NA                     |
| MW-4    | 08/27/2003 | 1,500             | NA             | 220         | <10         | 31          | <20         | NA                     | 1,100                  | NA             | NA             | NA             | 380           | NA                | NA            | NA                | 198.03       | 16.14                      | NA                       | 181.89                   | NA                        | NA                     |
| MW-4    | 11/13/2003 | 3,100             | NA             | 140         | <2.5        | 4.3         | 5.2         | NA                     | 340                    | NA             | NA             | NA             | 140           | NA                | NA            | NA                | 198.03       | 17.35                      | NA                       | 180.68                   | NA                        | NA                     |
| MW-4    | 02/05/2004 | 3,700             | NA             | 560         | <10         | 18          | <20         | NA                     | 2,100                  | NA             | NA             | NA             | 2,000         | NA                | NA            | NA                | 198.03       | 13.52                      | NA                       | 184.51                   | NA                        | NA                     |
| MW-4    | 05/03/2004 | 9,300             | NA             | 1,400       | 91          | 25          | 31          | NA                     | 2,400                  | NA             | NA             | NA             | 1,700         | NA                | NA            | NA                | 198.03       | 12.65                      | NA                       | 185.38                   | NA                        | NA                     |
| MW-4    | 08/30/2004 | 2,700             | NA             | 270         | 17          | 8.6         | 6.7         | NA                     | 540                    | <10            | <10            | <10            | 670           | NA                | NA            | NA                | 198.03       | 15.64                      | NA                       | 182.39                   | NA                        | NA                     |
| MW-4    | 11/22/2004 | 2,200             | NA             | 310         | 7.8         | 3.0         | <5.0        | NA                     | 340                    | NA             | NA             | NA             | 790           | NA                | NA            | NA                | 198.03       | 15.72                      | NA                       | 182.31                   | NA                        | NA                     |

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6039 College Avenue**  
**Oakland, CA**

| Well ID | Date       | TPPH<br>(ug/L)    | TEPH<br>(ug/L) | B<br>(ug/L) | T<br>(ug/L) | E<br>(ug/L) | X<br>(ug/L) | MTBE<br>8020<br>(ug/L) | MTBE<br>8260<br>(ug/L) | DIPE<br>(ug/L) | ETBE<br>(ug/L) | TAME<br>(ug/L) | TBA<br>(ug/L) | 1,2 DCA<br>(ug/L) | EDB<br>(ug/L) | Ethanol<br>(ug/L) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | Depth to<br>SPH<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|-------------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|-------------------|---------------|-------------------|--------------|----------------------------|--------------------------|--------------------------|---------------------------|------------------------|
| MW-5    | 08/30/1991 | ND                | 80             | ND          | ND          | ND          | ND          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 16.74                      | NA                       | 173.61                   | NA                        | NA                     |
| MW-5    | 11/22/1991 | <50               | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 17.27                      | NA                       | 173.08                   | NA                        | NA                     |
| MW-5    | 03/18/1992 | <30               | <50            | <0.3        | <0.3        | <0.3        | <0.3        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 11.28                      | NA                       | 179.07                   | NA                        | NA                     |
| MW-5    | 05/28/1992 | Well Inaccessible |                | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | NA                         | NA                       | NA                       | NA                        | NA                     |
| MW-5    | 08/19/1992 | <50               | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 15.99                      | NA                       | 174.36                   | NA                        | NA                     |
| MW-5    | 11/17/1992 | <50               | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 16.84                      | NA                       | 173.51                   | NA                        | NA                     |
| MW-5    | 02/12/1993 | <50               | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 10.30                      | NA                       | 180.05                   | NA                        | NA                     |
| MW-5    | 06/10/1993 | <50               | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 12.36                      | NA                       | 177.99                   | NA                        | NA                     |
| MW-5    | 08/18/1993 | <50               | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 14.02                      | NA                       | 176.33                   | NA                        | NA                     |
| MW-5    | 11/19/1993 | <50               | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 16.50                      | NA                       | 173.85                   | NA                        | NA                     |
| MW-5    | 02/28/1994 | <50               | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 12.55                      | NA                       | 177.80                   | NA                        | NA                     |
| MW-5    | 05/04/1994 | <50               | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 14.27                      | NA                       | 176.08                   | NA                        | NA                     |
| MW-5    | 08/10/1994 | 70a               | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 15.60                      | NA                       | 174.75                   | NA                        | NA                     |
| MW-5    | 11/08/1994 | <50               | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 12.85                      | NA                       | 177.50                   | NA                        | NA                     |
| MW-5    | 02/01/1995 | <50               | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 8.98                       | NA                       | 181.37                   | NA                        | NA                     |
| MW-5    | 05/10/1995 | <50               | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 10.16                      | NA                       | 180.19                   | NA                        | NA                     |
| MW-5    | 08/24/1995 | <50               | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 12.98                      | NA                       | 177.37                   | NA                        | NA                     |
| MW-5    | 11/10/1995 | <50               | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 15.12                      | NA                       | 175.23                   | NA                        | NA                     |
| MW-5    | 02/24/1996 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | NA                         | NA                       | NA                       | NA                        | NA                     |
| MW-5    | 05/22/1996 | <2,000            | NA             | <20         | <20         | <20         | <20         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 10.10                      | NA                       | 180.25                   | NA                        | NA                     |
| MW-5    | 08/19/1996 | <2,500            | NA             | <25         | <25         | <25         | <25         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 13.09                      | NA                       | 177.26                   | NA                        | NA                     |
| MW-5    | 12/05/1996 | <500              | NA             | <5.0        | <5.0        | <5.0        | <5.0        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 13.31                      | NA                       | 177.04                   | NA                        | NA                     |
| MW-5    | 02/20/1997 | <1,000            | NA             | <10         | <10         | <10         | <10         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 9.55                       | NA                       | 180.80                   | NA                        | NA                     |
| MW-5    | 05/30/1997 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 12.40                      | NA                       | 177.95                   | NA                        | NA                     |
| MW-5    | 08/18/1997 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 14.19                      | NA                       | 176.16                   | NA                        | NA                     |
| MW-5    | 11/03/1997 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 13.66                      | NA                       | 176.69                   | NA                        | NA                     |
| MW-5    | 01/20/1998 | <50               | NA             | <0.50       | <0.50       | <0.50       | <0.50       | 1,600                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 8.06                       | NA                       | 182.29                   | NA                        | NA                     |
| MW-5    | 06/05/1998 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 9.95                       | NA                       | 180.40                   | NA                        | NA                     |
| MW-5    | 07/23/1998 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 11.10                      | NA                       | 179.25                   | NA                        | NA                     |
| MW-5    | 11/19/1998 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 12.21                      | NA                       | 178.14                   | NA                        | NA                     |
| MW-5    | 02/03/1999 | <500              | NA             | <5.00       | <5.00       | <5.00       | <5.00       | 2850                   | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 12.99                      | NA                       | 177.36                   | NA                        | 2.4                    |
| MW-5    | 06/04/1999 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 12.08                      | NA                       | 178.27                   | NA                        | NA                     |
| MW-5    | 08/31/1999 | <50.0             | NA             | <0.500      | <0.500      | <0.500      | <0.500      | 4,260                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 14.05                      | NA                       | 176.30                   | NA                        | 2.7                    |
| MW-5    | 12/10/1999 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 15.41                      | NA                       | 174.94                   | NA                        | NA                     |
| MW-5    | 02/11/2000 | <50.0             | NA             | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 12.42                      | NA                       | 177.93                   | NA                        | 1.7                    |
| MW-5    | 05/04/2000 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 11.13                      | NA                       | 179.22                   | NA                        | NA                     |

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6039 College Avenue**  
**Oakland, CA**

| Well ID | Date       | TPPH<br>(ug/L)   | TEPH<br>(ug/L) | B<br>(ug/L) | T<br>(ug/L) | E<br>(ug/L) | X<br>(ug/L) | MTBE<br>8020<br>(ug/L) | MTBE<br>8260<br>(ug/L) | DIPE<br>(ug/L) | ETBE<br>(ug/L) | TAME<br>(ug/L) | TBA<br>(ug/L) | 1,2 DCA<br>(ug/L) | EDB<br>(ug/L) | Ethanol<br>(ug/L) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | Depth to<br>SPH<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|------------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|-------------------|---------------|-------------------|--------------|----------------------------|--------------------------|--------------------------|---------------------------|------------------------|
| MW-5    | 08/31/2000 | <500             | NA             | <5.00       | <5.00       | <5.00       | <5.00       | 13,000                 | 15,700b                | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 13.53                      | NA                       | 176.82                   | NA                        | c                      |
| MW-5    | 11/30/2000 | NA               | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 14.65                      | NA                       | 175.70                   | NA                        | NA                     |
| MW-5    | 02/13/2001 | <50.0            | NA             | <0.500      | <0.500      | <0.500      | <0.500      | 2,440                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 12.05                      | NA                       | 178.30                   | NA                        | 4.1                    |
| MW-5    | 05/29/2001 | <500             | NA             | <5.0        | <5.0        | <5.0        | <5.0        | NA                     | 1,300                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 13.26                      | NA                       | 177.09                   | NA                        | NA                     |
| MW-5    | 07/30/2001 | <50              | NA             | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | 310                    | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 14.49                      | NA                       | 175.86                   | NA                        | NA                     |
| MW-5    | 12/12/2001 | <200             | NA             | <2.0        | <2.0        | <2.0        | <2.0        | NA                     | 350                    | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 12.08                      | NA                       | 178.27                   | NA                        | NA                     |
| MW-5    | 01/31/2002 | 61               | NA             | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | 280                    | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 11.29                      | NA                       | 179.06                   | NA                        | NA                     |
| MW-5    | 05/31/2002 | <50              | NA             | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | 130                    | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 12.75                      | NA                       | 177.60                   | NA                        | NA                     |
| MW-5    | 07/25/2002 | <50              | NA             | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | 190                    | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 190.35       | 14.12                      | NA                       | 176.23                   | NA                        | NA                     |
| MW-5    | 11/26/2002 | Unable to sample | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.01       | 16.17                      | NA                       | 178.84                   | NA                        | NA                     |
| MW-5    | 12/06/2002 | <50              | NA             | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | 24                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.01       | 16.39                      | NA                       | 178.62                   | NA                        | NA                     |
| MW-5    | 01/29/2003 | <50              | NA             | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | 100                    | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 195.01       | 11.20                      | NA                       | 183.81                   | NA                        | NA                     |
| MW-5    | 06/03/2003 | <250             | NA             | <2.5        | <2.5        | <2.5        | <5.0        | NA                     | 120                    | <10            | <10            | <10            | 2,200         | <2.5              | <2.5          | <250              | 195.01       | 12.53                      | NA                       | 182.48                   | NA                        | NA                     |
| MW-5    | 08/27/2003 | <50              | NA             | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | 19                     | NA             | NA             | NA             | 180           | NA                | NA            | NA                | 195.01       | 14.32                      | NA                       | 180.69                   | NA                        | NA                     |
| MW-5    | 11/13/2003 | <50              | NA             | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | 15                     | NA             | NA             | NA             | 46            | NA                | NA            | NA                | 195.01       | 15.48                      | NA                       | 179.53                   | NA                        | NA                     |
| MW-5    | 02/05/2004 | <50              | NA             | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | 17                     | NA             | NA             | NA             | 790           | NA                | NA            | NA                | 195.01       | 11.88                      | NA                       | 183.13                   | NA                        | NA                     |
| MW-5    | 05/03/2004 | <250             | NA             | <2.5        | <2.5        | <2.5        | <5.0        | NA                     | 32                     | NA             | NA             | NA             | 1,300         | NA                | NA            | NA                | 195.01       | 11.92                      | NA                       | 183.09                   | NA                        | NA                     |
| MW-5    | 08/30/2004 | <50              | NA             | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | 7.8                    | <2.0           | <2.0           | <2.0           | 95            | NA                | NA            | NA                | 195.01       | 13.82                      | NA                       | 181.19                   | NA                        | NA                     |
| MW-5    | 11/22/2004 | <50              | NA             | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | 4.1                    | NA             | NA             | NA             | 60            | NA                | NA            | NA                | 195.01       | 13.89                      | NA                       | 181.12                   | NA                        | NA                     |
| MW-6    | 09/21/1993 | <50              | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 14.64                      | NA                       | 174.41                   | NA                        | NA                     |
| MW-6    | 11/19/1993 | NA               | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | NA                         | NA                       | NA                       | NA                        | NA                     |
| MW-6    | 02/28/1994 | 98a              | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 12.18                      | NA                       | 176.87                   | NA                        | NA                     |
| MW-6    | 05/04/1994 | <50              | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 13.62                      | NA                       | 175.43                   | NA                        | NA                     |
| MW-6    | 08/10/1994 | 80a              | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 14.98                      | NA                       | 174.07                   | NA                        | NA                     |
| MW-6    | 11/08/1994 | NA               | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 12.20                      | NA                       | 176.85                   | NA                        | NA                     |
| MW-6    | 02/01/1995 | 120              | NA             | 3.5         | 21          | 3.4         | 22          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 8.70                       | NA                       | 180.35                   | NA                        | NA                     |
| MW-6    | 05/10/1995 | NA               | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 9.86                       | NA                       | 179.19                   | NA                        | NA                     |
| MW-6    | 08/24/1995 | 80               | NA             | <0.5        | <0.5        | 1.8         | 2.4         | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 12.46                      | NA                       | 176.59                   | NA                        | NA                     |
| MW-6    | 11/10/1995 | <50              | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 14.56                      | NA                       | 174.49                   | NA                        | NA                     |
| MW-6    | 11/10/1995 | 60               | NA             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 14.56                      | NA                       | 174.49                   | NA                        | NA                     |
| MW-6    | 02/24/1996 | NA               | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | NA                         | NA                       | NA                       | NA                        | NA                     |
| MW-6    | 05/22/1996 | <50              | NA             | <0.5        | <0.5        | <0.5        | <0.5        | 290                    | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 10.23                      | NA                       | 178.82                   | NA                        | NA                     |
| MW-6    | 08/19/1996 | <1,250           | NA             | <12         | <12         | <12         | <12         | 1,100                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 12.81                      | NA                       | 176.44                   | NA                        | NA                     |
| MW-6    | 12/05/1996 | <125             | NA             | <1.2        | <1.2        | <1.2        | <1.2        | 440                    | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 12.47                      | NA                       | 176.58                   | NA                        | NA                     |
| MW-6    | 02/20/1997 | <100             | NA             | <1.0        | <1.0        | <1.0        | <1.0        | 480                    | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 9.85                       | NA                       | 179.20                   | NA                        | NA                     |
| MW-6    | 05/30/1997 | NA               | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 11.96                      | NA                       | 177.09                   | NA                        | NA                     |

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**6039 College Avenue**  
**Oakland, CA**

| Well ID | Date       | TPPH<br>(ug/L)    | TEPH<br>(ug/L) | B<br>(ug/L) | T<br>(ug/L) | E<br>(ug/L) | X<br>(ug/L) | MTBE<br>8020<br>(ug/L) | MTBE<br>8260<br>(ug/L) | DIPE<br>(ug/L) | ETBE<br>(ug/L) | TAME<br>(ug/L) | TBA<br>(ug/L) | 1,2 DCA<br>(ug/L) | EDB<br>(ug/L) | Ethanol<br>(ug/L) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | Depth to<br>SPH<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|-------------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|-------------------|---------------|-------------------|--------------|----------------------------|--------------------------|--------------------------|---------------------------|------------------------|
| MW-6    | 08/18/1997 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 13.65                      | NA                       | 175.40                   | NA                        | NA                     |
| MW-6    | 11/03/1997 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | NA                         | NA                       | NA                       | NA                        | NA                     |
| MW-6    | 01/20/1998 | <50               | NA             | <0.50       | <0.50       | <0.50       | <0.50       | 340                    | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 7.76                       | NA                       | 181.29                   | NA                        | NA                     |
| MW-6    | 06/05/1998 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 9.85                       | NA                       | 179.20                   | NA                        | NA                     |
| MW-6    | 07/23/1998 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 10.99                      | NA                       | 178.06                   | NA                        | NA                     |
| MW-6    | 11/19/1998 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 11.36                      | NA                       | 177.69                   | NA                        | NA                     |
| MW-6    | 02/03/1999 | Well Inaccessible |                | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | NA                         | NA                       | NA                       | NA                        | NA                     |
| MW-6    | 06/04/1999 | Well Inaccessible |                | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | NA                         | NA                       | NA                       | NA                        | NA                     |
| MW-6    | 06/22/1999 | <5,000            | NA             | <50.0       | <50.0       | <50.0       | <50.0       | 2,800                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 12.15                      | NA                       | 176.90                   | NA                        | 2.1                    |
| MW-6    | 08/31/1999 | <50.0             | NA             | <0.500      | <0.500      | <0.500      | <0.500      | 3,390                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 13.62                      | NA                       | 175.43                   | NA                        | 2.5                    |
| MW-6    | 12/10/1999 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 14.98                      | NA                       | 174.07                   | NA                        | NA                     |
| MW-6    | 02/11/2000 | <50.0             | NA             | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 12.00                      | NA                       | 177.05                   | NA                        | 1.1                    |
| MW-6    | 05/04/2000 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 10.94                      | NA                       | 178.11                   | NA                        | NA                     |
| MW-6    | 08/31/2000 | <250              | NA             | <2.50       | <2.50       | <2.50       | <2.50       | 4,460                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 13.19                      | NA                       | 175.86                   | NA                        | c                      |
| MW-6    | 11/30/2000 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 14.28                      | NA                       | 174.77                   | NA                        | NA                     |
| MW-6    | 02/13/2001 | Well Inaccessible |                | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | NA                         | NA                       | NA                       | NA                        | NA                     |
| MW-6    | 02/16/2001 | <500              | NA             | <5.00       | <5.00       | <5.00       | <5.00       | 3,910                  | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 12.10                      | NA                       | 176.95                   | NA                        | 3.8                    |
| MW-6    | 05/29/2001 | <500              | NA             | <5.0        | <5.0        | <5.0        | <5.0        | NA                     | 2,000                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 12.94                      | NA                       | 176.11                   | NA                        | NA                     |
| MW-6    | 07/30/2001 | <500              | NA             | <5.0        | <5.0        | <5.0        | <5.0        | NA                     | 2,700                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 14.10                      | NA                       | 174.95                   | NA                        | NA                     |
| MW-6    | 12/12/2001 | <500              | NA             | <5.0        | <5.0        | <5.0        | <5.0        | NA                     | 2,100                  | <5.0           | <5.0           | <5.0           | 97            | NA                | NA            | <500              | 189.05       | 12.11                      | NA                       | 176.94                   | NA                        | NA                     |
| MW-6    | 01/31/2002 | <500              | NA             | <5.0        | <5.0        | <5.0        | <5.0        | NA                     | 2,000                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 11.16                      | NA                       | 177.89                   | NA                        | NA                     |
| MW-6    | 05/31/2002 | <500              | NA             | <5.0        | <5.0        | <5.0        | <5.0        | NA                     | 1,800                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 12.52                      | NA                       | 176.53                   | NA                        | NA                     |
| MW-6    | 07/25/2002 | <500              | NA             | <5.0        | <5.0        | <5.0        | <5.0        | NA                     | 1,800                  | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 189.05       | 13.68                      | NA                       | 175.37                   | NA                        | NA                     |
| MW-6    | 11/26/2002 | Well Inaccessible |                | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.75       | NA                         | NA                       | NA                       | NA                        | NA                     |
| MW-6    | 12/06/2002 | <50               | NA             | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | 280                    | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.75       | 16.01                      | NA                       | 177.74                   | NA                        | NA                     |
| MW-6    | 01/29/2003 | Well Inaccessible |                | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.75       | NA                         | NA                       | NA                       | NA                        | NA                     |
| MW-6    | 02/05/2003 | <50               | NA             | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | 120                    | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 193.75       | 11.71                      | NA                       | 182.04                   | NA                        | NA                     |
| MW-6    | 06/03/2003 | <50               | NA             | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | 69                     | <2.0           | <2.0           | <2.0           | 970           | <0.50             | <0.50         | <50               | 193.75       | 12.33                      | NA                       | 181.42                   | NA                        | NA                     |
| MW-6    | 08/27/2003 | 130               | NA             | <1.3        | <1.3        | <1.3        | <2.5        | NA                     | 28                     | NA             | NA             | NA             | 880           | NA                | NA            | NA                | 193.75       | 13.83                      | NA                       | 179.92                   | NA                        | NA                     |
| MW-6    | 11/13/2003 | <50               | NA             | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | 6.8                    | NA             | NA             | NA             | 710           | NA                | NA            | NA                | 193.75       | 15.05                      | NA                       | 178.70                   | NA                        | NA                     |
| MW-6    | 02/05/2004 | <50               | NA             | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | 14                     | NA             | NA             | NA             | 290           | NA                | NA            | NA                | 193.75       | 11.44                      | NA                       | 182.31                   | NA                        | NA                     |
| MW-6    | 05/03/2004 | <50               | NA             | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | 10                     | NA             | NA             | NA             | 200           | NA                | NA            | NA                | 193.75       | 11.74                      | NA                       | 182.01                   | NA                        | NA                     |
| MW-6    | 08/30/2004 | 78 e              | NA             | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | 4.9                    | <2.0           | <2.0           | <2.0           | 120           | NA                | NA            | NA                | 193.75       | 13.52                      | NA                       | 180.23                   | NA                        | NA                     |
| MW-6    | 11/22/2004 | <50               | NA             | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | 4.6                    | NA             | NA             | NA             | 110           | NA                | NA            | NA                | 193.75       | 13.65                      | NA                       | 180.10                   | NA                        | NA                     |
| T-1     | 05/30/1997 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 08/18/1997 | NA                | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |



**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6039 College Avenue**  
**Oakland, CA**

| Well ID | Date         | TPPH<br>(ug/L) | TEPH<br>(ug/L) | B<br>(ug/L) | T<br>(ug/L) | E<br>(ug/L) | X<br>(ug/L) | MTBE<br>8020<br>(ug/L) | MTBE<br>8260<br>(ug/L) | DIPE<br>(ug/L) | ETBE<br>(ug/L) | TAME<br>(ug/L) | TBA<br>(ug/L) | 1,2 DCA<br>(ug/L) | EDB<br>(ug/L) | Ethanol<br>(ug/L) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | Depth to<br>SPH<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|--------------|----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|-------------------|---------------|-------------------|--------------|----------------------------|--------------------------|--------------------------|---------------------------|------------------------|
| T-1     | 11/03/1997   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 01/20/1998   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 06/05/1998   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 07/23/1998   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 11/19/1998   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 02/03/1999   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 06/04/1999   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 08/31/1999   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 12/10/1999   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 02/11/2000   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 05/04/2000   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 08/31/2000   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 11/30/2000   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 02/13/2001   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 05/29/2001   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 07/30/2001   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 12/12/2001   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 01/31/2002   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-1     | 05/22/2002 d | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 198.07       | NA                         | NA                       | NA                       | NA                        | NA                     |
| T-2     | 05/30/1997   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 08/18/1997   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 11/03/1997   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 01/20/1998   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 06/05/1998   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 07/23/1998   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 11/19/1998   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 02/03/1999   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 06/04/1999   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 08/31/1999   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 12/10/1999   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 02/11/2000   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 05/04/2000   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 08/31/2000   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 11/30/2000   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | 7.50                       | NA                       | NA                       | NA                        | NA                     |
| T-2     | 02/13/2001   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 05/29/2001   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
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| Well ID | Date         | TPPH<br>(ug/L) | TEPH<br>(ug/L) | B<br>(ug/L) | T<br>(ug/L) | E<br>(ug/L) | X<br>(ug/L) | MTBE<br>8020<br>(ug/L) | MTBE<br>8260<br>(ug/L) | DIPE<br>(ug/L) | ETBE<br>(ug/L) | TAME<br>(ug/L) | TBA<br>(ug/L) | 1,2 DCA<br>(ug/L) | EDB<br>(ug/L) | Ethanol<br>(ug/L) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | Depth to<br>SPH<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|--------------|----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|-------------------|---------------|-------------------|--------------|----------------------------|--------------------------|--------------------------|---------------------------|------------------------|
| T-2     | 07/30/2001   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 12/12/2001   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 01/31/2002   | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | NA           | Dry                        | NA                       | NA                       | NA                        | NA                     |
| T-2     | 05/22/2002 d | NA             | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | NA             | NA             | NA             | NA            | NA                | NA            | NA                | 198.47       | NA                         | NA                       | NA                       | NA                        | NA                     |

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 29, 2001, analyzed by EPA Method 8015.

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 29, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B

ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B

TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B

1,2-DCA = 1,2-dichloroethane, analyzed by EPA Method 8260B

EDB = Ethylene dibromide, analyzed by EPA Method 8260B

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ug/L = Parts per billion

ppm = Parts per million

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

ND = Not detected at or above the minimum quantitation limits.

Notes:

a = Chromatogram patterns indicate an unidentified hydrocarbon/Hydrocarbon does not match pattern of laboratory's standard.

b = Sample was analyzed outside the EPA recommended holding time.

c = DO Readings not taken this event.

d = Survey data only.

e = Sample contains discrete peak in gasoline range.

Ethanol analyzed by EPA Method 8260B.

Site surveyed May 22, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

When separate-phase hydrocarbons are present, ground water elevation is adjusted using the relation: Corrected ground water elevation = Top-of-casing elevation - depth to water + (0.8 x hydrocarbon thickness).

**Blaine Tech Services, Inc.**

December 09, 2004

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Attn.: Leon Gearhart  
Project#: 041122-BA1  
Project: 98995745  
Site: 6039 College Ave., Oakland

Dear Mr. Gearhart,

Attached is our report for your samples received on 11/23/2004 14:09  
This report has been reviewed and approved for release. Reproduction of this report  
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after  
01/07/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: [mbrewer@stl-inc.com](mailto:mbrewer@stl-inc.com)

Sincerely,



Melissa Brewer  
Project Manager

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041122-BA1

98995745

Received: 11/23/2004 14:09

Site: 6039 College Ave., Oakland

**Samples Reported**

| Sample Name | Date Sampled     | Matrix | Lab # |
|-------------|------------------|--------|-------|
| MW-3        | 11/22/2004 10:38 | Water  | 1     |
| MW-4        | 11/22/2004 11:00 | Water  | 2     |
| MW-5        | 11/22/2004 10:18 | Water  | 3     |
| MW-6        | 11/22/2004 09:55 | Water  | 4     |

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

12/09/2004 10:09

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041122-BA1

98995745

Received: 11/23/2004 14:09

Site: 6039 College Ave., Oakland

Prep(s): 5030B Test(s): 8260B  
 Sample ID: MW-3 Lab ID: 2004-11-0749 - 1  
 Sampled: 11/22/2004 10:38 Extracted: 12/1/2004 08:23  
 Matrix: Water QC Batch#: 2004/12/01-1B.66  
 Analysis Flag: L2 ( See Legend and Note Section )

| Compound                       | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|--------------------------------|-------|--------|------|----------|------------------|------|
| Gasoline [Shell]               | 2600  | 500    | ug/L | 10.00    | 12/01/2004 08:23 |      |
| Benzene                        | 160   | 5.0    | ug/L | 10.00    | 12/01/2004 08:23 |      |
| Toluene                        | 5.5   | 5.0    | ug/L | 10.00    | 12/01/2004 08:23 |      |
| Ethylbenzene                   | 5.1   | 5.0    | ug/L | 10.00    | 12/01/2004 08:23 |      |
| Total xylenes                  | ND    | 10     | ug/L | 10.00    | 12/01/2004 08:23 |      |
| tert-Butyl alcohol (TBA)       | 540   | 50     | ug/L | 10.00    | 12/01/2004 08:23 |      |
| Methyl tert-butyl ether (MTBE) | 570   | 5.0    | ug/L | 10.00    | 12/01/2004 08:23 |      |
| <b>Surrogate(s)</b>            |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4          | 96.3  | 76-130 | %    | 10.00    | 12/01/2004 08:23 |      |
| Toluene-d8                     | 103.1 | 78-115 | %    | 10.00    | 12/01/2004 08:23 |      |







**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

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Project: 041122-BA1

98995745

Received: 11/23/2004 14:09

Site: 6039 College Ave., Oakland

|            |                  |            |                  |
|------------|------------------|------------|------------------|
| Prep(s):   | 5030B            | Test(s):   | 8260B            |
| Sample ID: | <b>MW-6</b>      | Lab ID:    | 2004-11-0749 - 4 |
| Sampled:   | 11/22/2004 09:55 | Extracted: | 12/1/2004 09:30  |
| Matrix:    | Water            | QC Batch#: | 2004/12/01-1B.66 |

| Compound                       | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|--------------------------------|-------|--------|------|----------|------------------|------|
| Gasoline [Shell]               | ND    | 50     | ug/L | 1.00     | 12/01/2004 09:30 |      |
| Benzene                        | ND    | 0.50   | ug/L | 1.00     | 12/01/2004 09:30 |      |
| Toluene                        | ND    | 0.50   | ug/L | 1.00     | 12/01/2004 09:30 |      |
| Ethylbenzene                   | ND    | 0.50   | ug/L | 1.00     | 12/01/2004 09:30 |      |
| Total xylenes                  | ND    | 1.0    | ug/L | 1.00     | 12/01/2004 09:30 |      |
| tert-Butyl alcohol (TBA)       | 110   | 5.0    | ug/L | 1.00     | 12/01/2004 09:30 |      |
| Methyl tert-butyl ether (MTBE) | 4.6   | 0.50   | ug/L | 1.00     | 12/01/2004 09:30 |      |
| <b>Surrogate(s)</b>            |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4          | 101.2 | 76-130 | %    | 1.00     | 12/01/2004 09:30 |      |
| Toluene-d8                     | 101.8 | 78-115 | %    | 1.00     | 12/01/2004 09:30 |      |

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

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Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041122-BA1  
98995745

Received: 11/23/2004 14:09

Site: 6039 College Ave., Oakland

**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2004/12/01-1B.66-048

Water

Test(s): 8260B

QC Batch # 2004/12/01-1B.66

Date Extracted: 12/01/2004 07:48

| Compound                       | Conc. | RL     | Unit | Analyzed         | Flag |
|--------------------------------|-------|--------|------|------------------|------|
| Gasoline [Shell]               | ND    | 50     | ug/L | 12/01/2004 07:48 |      |
| tert-Butyl alcohol (TBA)       | ND    | 5.0    | ug/L | 12/01/2004 07:48 |      |
| Methyl tert-butyl ether (MTBE) | ND    | 0.5    | ug/L | 12/01/2004 07:48 |      |
| Benzene                        | ND    | 0.5    | ug/L | 12/01/2004 07:48 |      |
| Toluene                        | ND    | 0.5    | ug/L | 12/01/2004 07:48 |      |
| Ethylbenzene                   | ND    | 0.5    | ug/L | 12/01/2004 07:48 |      |
| Total xylenes                  | ND    | 1.0    | ug/L | 12/01/2004 07:48 |      |
| <b>Surrogates(s)</b>           |       |        |      |                  |      |
| 1,2-Dichloroethane-d4          | 96.4  | 73-130 | %    | 12/01/2004 07:48 |      |
| Toluene-d8                     | 98.4  | 81-114 | %    | 12/01/2004 07:48 |      |

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

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Project: 041122-BA1  
98995745

Received: 11/23/2004 14:09

Site: 6039 College Ave., Oakland

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2004/12/01-1B.66**

LCS 2004/12/01-1B.66-026

Extracted: 12/01/2004

Analyzed: 12/01/2004 07:26

LCSD

| Compound                       | Conc. ug/L |      | Exp.Conc. | Recovery % |      | RPD | Ctrl.Limits % |      | Flags |     |
|--------------------------------|------------|------|-----------|------------|------|-----|---------------|------|-------|-----|
|                                | LCS        | LCSD |           | LCS        | LCSD |     | %             | Rec. | RPD   | LCS |
| Methyl tert-butyl ether (MTBE) | 20.6       |      | 25        | 82.4       |      |     | 65-165        | 20   |       |     |
| Benzene                        | 23.1       |      | 25        | 92.4       |      |     | 69-129        | 20   |       |     |
| Toluene                        | 24.9       |      | 25        | 99.6       |      |     | 70-130        | 20   |       |     |
| <b>Surrogates(s)</b>           |            |      |           |            |      |     |               |      |       |     |
| 1,2-Dichloroethane-d4          | 463        |      | 500       | 92.6       |      |     | 73-130        |      |       |     |
| Toluene-d8                     | 490        |      | 500       | 98.0       |      |     | 81-114        |      |       |     |

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12/09/2004 10:09

Page 7 of 9

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041122-BA1  
98995745

Received: 11/23/2004 14:09

Site: 6039 College Ave., Oakland

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Water**

**QC Batch # 2004/12/01-1B.66**

MS/MSD

Lab ID: 2004-11-0804 - 004

MS: 2004/12/01-1B.66-029

Extracted: 12/01/2004

Analyzed: 12/01/2004 15:29

Dilution: 1.00

MSD: 2004/12/01-1B.66-051

Extracted: 12/01/2004

Analyzed: 12/01/2004 15:51

Dilution: 1.00

| Compound                | Conc. ug/L |      |        | Spk.Level<br>ug/L | Recovery % |       |      | Limits % |     | Flags |     |
|-------------------------|------------|------|--------|-------------------|------------|-------|------|----------|-----|-------|-----|
|                         | MS         | MSD  | Sample |                   | MS         | MSD   | RPD  | Rec.     | RPD | MS    | MSD |
| Methyl tert-butyl ether | 20.1       | 24.7 | ND     | 25                | 80.4       | 98.8  | 20.5 | 65-165   | 20  |       | R4  |
| Benzene                 | 20.5       | 23.2 | ND     | 25                | 82.0       | 92.8  | 12.4 | 69-129   | 20  |       |     |
| Toluene                 | 23.8       | 26.9 | ND     | 25                | 95.2       | 107.6 | 12.2 | 70-130   | 20  |       |     |
| <b>Surrogate(s)</b>     |            |      |        |                   |            |       |      |          |     |       |     |
| 1,2-Dichloroethane-d4   | 447        | 463  |        | 500               | 89.5       | 92.6  |      | 73-130   |     |       |     |
| Toluene-d8              | 499        | 504  |        | 500               | 99.8       | 100.8 |      | 81-114   |     |       |     |

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Blaine Tech Services, Inc.

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San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041122-BA1

98995745

Received: 11/23/2004 14:09

Site: 6039 College Ave., Oakland

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**Legend and Notes**

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**Analysis Flag**

L2

Reporting limits were raised due to high level of analyte present in the sample.

**Result Flag**

R4

RPD exceeded method control limit; % recoveries within limits.





## SHELL WELL MONITORING DATA SHEET

|  |                                   |
|--|-----------------------------------|
| BTS #: 041122-BA1  | Site: 6039 College Ave, Oakland   |
| Sampler: Brian Alcorn  | Date: 11/22/04                    |
| Well I.D.: MW-3  | Well Diameter: 2 3 <b>4</b> 6 8   |
| Total Well Depth (TD): 24.67   | Depth to Water (DTW): 14.58       |
| Depth to Free Product:   | Thickness of Free Product (feet): |
| Referenced to: <b>PVC</b> Grade                                      | D.O. Meter (if req'd): YSI HACH   |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.59 |                                   |

Purge Method: **Bailer**      Water      Sampling Method: **Bailer**  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
**Electric Submersible**      Other \_\_\_\_\_      Dedicated Tubing  
 Other: \_\_\_\_\_

| $6.6 \text{ (Gals.)} \times 3 = 19.8 \text{ Gals.}$ | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table> | Well Diameter     | Multiplier                  | Well Diameter | Multiplier | 1" | 0.04 | 4" | 0.65 | 2" | 0.16 | 6" | 1.47 | 3" | 0.37 | Other | radius <sup>2</sup> * 0.163 |
|---|--|-------------------|-----------------------------|---------------|------------|----|------|----|------|----|------|----|------|----|------|-------|-----------------------------|
| Well Diameter                                       | Multiplier   | Well Diameter     | Multiplier                  |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |
| 1"  | 0.04   | 4"                | 0.65                        |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |
| 2"  | 0.16   | 6"                | 1.47                        |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |
| 3"  | 0.37   | Other             | radius <sup>2</sup> * 0.163 |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |
| 1 Case Volume                                       | Specified Volumes  | Calculated Volume |                             |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |

| Time | Temp (°F) | pH  | Cond. (mS or $\mu$ S) | Turbidity (NTUs) | Gals. Removed | Observations              |
|------|-----------|-----|-----------------------|------------------|---------------|---------------------------|
| 1031 | 65.0      | 6.8 | 493                   | 10               | 7.0           | strong clear, odor, sheen |
| 1033 | 65.7      | 6.7 | 562                   | 3                | 14.0          | " " "                     |
| 1035 | 65.7      | 6.7 | 611                   | 4                | 21.0          | " " "                     |
|      |           |     |                       |                  |               |                           |
|      |           |     |                       |                  |               |                           |

Did well dewater? Yes  No  Gallons actually evacuated: 21.0

Sampling Date: 11/22/04      Sampling Time: 1038      Depth to Water: 16.59

Sample I.D.: MW-3      Laboratory: **STL** Other \_\_\_\_\_

Analyzed for: **TPH-G** **BTEX** **MTBE** TPH-D Other: **TRA**

EB I.D. (if applicable): \_\_\_\_\_ @ \_\_\_\_\_ Time      Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

|                    |            |      |             |      |
|--------------------|------------|------|-------------|------|
| D.O. (if req'd):   | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV   | Post-purge: | mV   |



## SHELL WELL MONITORING DATA SHEET

|  |                                   |
|--|-----------------------------------|
| BTS #: 041122-BA1  | Site: 6039 College Ave, Oakland   |
| Sampler: Brian Alcom   | Date: 11/22/04                    |
| Well I.D.: MW-4  | Well Diameter: 2 3 (4) 6 8        |
| Total Well Depth (TD): 24.36   | Depth to Water (DTW): 15.72       |
| Depth to Free Product:   | Thickness of Free Product (feet): |
| Referenced to: PVC Grade   | D.O. Meter (if req'd): YSI HACH   |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.44 |                                   |

Purge Method: Bailer      Water      Sampling Method: Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
 Electric Submersible      Other \_\_\_\_\_      Dedicated Tubing

| $5.7 \text{ (Gals.)} \times 3 = 17.1 \text{ Gals.}$ <p style="font-size: small; margin: 0;">Case Volume      Specified Volumes      Calculated Volume</p> | <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table> | Well Diameter | Multiplier                  | Well Diameter | Multiplier | 1" | 0.04 | 4" | 0.65 | 2" | 0.16 | 6" | 1.47 | 3" | 0.37 | Other | radius <sup>2</sup> * 0.163 |
|---|--|---------------|-----------------------------|---------------|------------|----|------|----|------|----|------|----|------|----|------|-------|-----------------------------|
| Well Diameter   | Multiplier   | Well Diameter | Multiplier                  |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |
| 1"  | 0.04   | 4"            | 0.65                        |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |
| 2"  | 0.16   | 6"            | 1.47                        |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |
| 3"  | 0.37   | Other         | radius <sup>2</sup> * 0.163 |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |

| Time | Temp (°F) | pH  | Cond. (mS or µS) | Turbidity (NTUs) | Gals. Removed | Observations             |
|------|-----------|-----|------------------|------------------|---------------|--------------------------|
| 1052 | 63.8      | 6.6 | 513              | 28               | 6.0           | strong clear, odor, seen |
| 1054 | 65.0      | 6.7 | 600              | 11               | 12.0          | " " "                    |
| 1056 | 64.8      | 6.7 | 575              | 44               | 18.0          | " " "                    |
|      |           |     |                  |                  |               |                          |
|      |           |     |                  |                  |               |                          |

Did well dewater? Yes  No  Gallons actually evacuated: 18.0

Sampling Date: 11/22/04      Sampling Time: 1100      Depth to Water: 17.44

Sample I.D.: MW-4      Laboratory: (STL) Other \_\_\_\_\_

Analyzed for: (PH-G) (BTEX) (MTBE) (TPH-D)      Other: TBA

EB I.D. (if applicable): \_\_\_\_\_ @ \_\_\_\_\_ Time      Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: TPH-G    BTEX    MTBE    TPH-D    Other: \_\_\_\_\_

|                    |            |      |             |      |
|--------------------|------------|------|-------------|------|
| D.O. (if req'd):   | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV   | Post-purge: | mV   |

## SHELL WELL MONITORING DATA SHEET

|  |                                   |
|--|-----------------------------------|
| BTS #: 041122-BA1  | Site: 6039 College Ave, Oakland   |
| Sampler: Brian Alcom   | Date: 11/22/04                    |
| Well I.D.: MW-5  | Well Diameter: 2 3 <u>4</u> 6 8   |
| Total Well Depth (TD): 28.53   | Depth to Water (DTW): 13.89       |
| Depth to Free Product:   | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade                                      | D.O. Meter (if req'd): YSI HACH   |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.81 |                                   |

Purge Method: Bailer      Waterra      Sampling Method: Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
Electric Submersible      Other \_\_\_\_\_      Dedicated Tubing

Other: \_\_\_\_\_

| $9.6 \text{ (Gals.)} \times 3 = 28.8 \text{ Gals.}$ 1 Case Volume      Specified Volumes      Calculated Volume | <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table> | Well Diameter | Multiplier                  | Well Diameter | Multiplier | 1" | 0.04 | 4" | 0.65 | 2" | 0.16 | 6" | 1.47 | 3" | 0.37 | Other | radius <sup>2</sup> * 0.163 |
|---|--|---------------|-----------------------------|---------------|------------|----|------|----|------|----|------|----|------|----|------|-------|-----------------------------|
| Well Diameter   | Multiplier   | Well Diameter | Multiplier                  |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |
| 1"  | 0.04   | 4"            | 0.65                        |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |
| 2"  | 0.16   | 6"            | 1.47                        |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |
| 3"  | 0.37   | Other         | radius <sup>2</sup> * 0.163 |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |

| Time | Temp (°F) | pH  | Cond. (mS or <u>µS</u> ) | Turbidity (NTUs) | Gals. Removed | Observations   |
|------|-----------|-----|--------------------------|------------------|---------------|----------------|
| 1011 | 63.5      | 6.8 | 460                      | 86               | 10.0          | clear, no odor |
| 1013 | 64.9      | 6.9 | 442                      | 62               | 20.0          | " "            |
| 1015 | 65.2      | 6.9 | 440                      | 46               | 30.0          | " "            |
|      |           |     |                          |                  |               |                |
|      |           |     |                          |                  |               |                |

Did well dewater? Yes No      Gallons actually evacuated: 30.0

Sampling Date: 11/22/04      Sampling Time: 1018      Depth to Water: 15.63

Sample I.D.: MW-5      Laboratory: STL Other \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Other: TBA

EB I.D. (if applicable): \_\_\_\_\_ @ \_\_\_\_\_ Time      Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

|                    |            |      |             |      |
|--------------------|------------|------|-------------|------|
| D.O. (if req'd):   | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV   | Post-purge: | mV   |

## SHELL WELL MONITORING DATA SHEET

|  |                                   |
|--|-----------------------------------|
| BTS #: 041122-BA1  | Site: 6039 College Ave, Oakland   |
| Sampler: Brian Alcorn  | Date: 11/22/04                    |
| Well I.D.: MW-6  | Well Diameter: (2) 3 4 6 8        |
| Total Well Depth (TD): 24.13                                   | Depth to Water (DTW): 13.65       |
| Depth to Free Product:   | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade                                     | D.O. Meter (if req'd): YSI HACH   |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: |                                   |

Purge Method: (Bailer)      Water      Sampling Method: (Bailer)

Disposable Bailer      Peristaltic      Disposable Bailer

Positive Air Displacement      Extraction Pump      Extraction Port

Electric Submersible      Other \_\_\_\_\_      Dedicated Tubing

Other: \_\_\_\_\_

| $1.7 \text{ (Gals.)} \times 3 = 5.1 \text{ Gals.}$ <p>I Case Volume      Specified Volumes      Calculated Volume</p> | <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table> | Well Diameter | Multiplier                  | Well Diameter | Multiplier | 1" | 0.04 | 4" | 0.65 | 2" | 0.16 | 6" | 1.47 | 3" | 0.37 | Other | radius <sup>2</sup> * 0.163 |
|---|--|---------------|-----------------------------|---------------|------------|----|------|----|------|----|------|----|------|----|------|-------|-----------------------------|
| Well Diameter   | Multiplier   | Well Diameter | Multiplier                  |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |
| 1"  | 0.04   | 4"            | 0.65                        |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |
| 2"  | 0.16   | 6"            | 1.47                        |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |
| 3"  | 0.37   | Other         | radius <sup>2</sup> * 0.163 |               |            |    |      |    |      |    |      |    |      |    |      |       |                             |

| Time | Temp (°F) | pH  | Cond. (mS or µS) | Turbidity (NTUs) | Gals. Removed | Observations    |
|------|-----------|-----|------------------|------------------|---------------|-----------------|
| 0944 | 64.7      | 6.9 | 954              | 245              | 1.75          | gray, mild odor |
| 0948 | 65.2      | 6.7 | 667              | 930              | 3.5           | " no odor       |
| 0952 | 65.8      | 6.8 | 615              | >1,000           | 5.25          | " "             |
|      |           |     |                  |                  |               |                 |
|      |           |     |                  |                  |               |                 |

Did well dewater? Yes (No)      Gallons actually evacuated: 5.25

Sampling Date: 11/22/04      Sampling Time: 0955      Depth to Water: 13.78      Traffic Well

Sample I.D.: MW-6      Laboratory: (STL) Other \_\_\_\_\_

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D      Other: BA

EB I.D. (if applicable): \_\_\_\_\_ @ \_\_\_\_\_ Time      Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D      Other: \_\_\_\_\_

|                    |            |      |             |      |
|--------------------|------------|------|-------------|------|
| D.O. (if req'd):   | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV   | Post-purge: | mV   |