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Alameda County  
Environmental Health

January 27, 2009  
DELTA Project SCA152751  
SAP: 129460

Mr. Jerry Wickham  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577



**Subject: Groundwater Sampling Work Plan  
Former Shell-Branded Service Station  
15275 Washington Avenue  
San Leandro, California**

Dear Mr. Wickham:

Delta Consultants, Inc. (Delta), on behalf of Shell Oil Products US (Shell), has prepared this report detailing groundwater sampling at the site referenced above. In a letter dated November 13, 2008, Alameda County Environmental Health (ACEH) requested that Shell prepare a *Groundwater Sampling Work Plan* including the following components:

- 1) Groundwater sampling procedures
- 2) Table of well construction details
- 3) Graphs showing water level and contaminant concentrations versus time with notations regarding purging method
- 4) Table showing sampling schedule and analyses for each well
- 5) Sufficient data supporting the rationale for the current sampling schedule

## **BACKGROUND**

The subject site is a former Shell-branded service station located on the northwest corner of Washington Avenue and Lewelling Boulevard in San Leandro, California (Figure 1). The site is currently used as an automotive emissions testing facility (*Speed Smog Check*). The area is a mix of residential (predominantly multi-family units) and commercial properties. A mobile home park is located directly adjacent the site to the west (Figure 2). An ARCO service station is still in operation on the southwest corner of the intersection and is also an open leaking underground fuel tank (LUFT) case.

## GROUNDWATER MONITORING HISTORY

Groundwater at the site has been continuously monitored since 1985, when four monitoring wells were installed. A total of 19 wells have been installed on- and off-site, and 12 wells are still monitored on a semiannual basis. Historic analytical and groundwater measurement results are presented in Table 1. Well construction details are included in Table 2.

No-purge sampling was initiated in January 1998 by Enviros, Inc., the consultant for the site at that time (Delta took over responsibility of this site in 2005), who instructed Blaine Tech Services to no longer purge before sampling. The rationale behind that decision is unknown to Delta. Samples have been collected without purging since that time until the present; the current sampling schedule and requested analyses are detailed in Table 3. When management of the site was transferred to Delta for the 4<sup>th</sup> Quarter of 2005, Delta continued the same sampling protocol with Blaine Tech Services. The current groundwater sampling procedures established by Blaine Tech Services are provided as Attachment A.

## NO-PURGE SAMPLING EVALUATION

Graphs showing contaminant concentrations over time are included as Attachment B; the change in sampling protocol from purge to no-purge is noted on each graph. An evaluation of graphs showing detected concentration levels of total purgeable petroleum hydrocarbons (TPPH), benzene, and ethyl benzene over time, before and after the January 1998 change of sampling protocol from purge to no-purge, indicate the following:

- A potential modification in the overall concentration trends is noted following the change in sampling protocol from purge to no-purge sampling methods before and after January 1998 for monitoring wells S-5, S-7, and S-16.
- There does not appear to be any change in the overall concentration trend of the graphs which could be related to the change in sampling protocol from purge to no-purge sampling methods before and after January 1998 for monitoring wells S-1, S-3, S-8, S-9, S-10, S-13, S-17 and S-18.
- Monitoring well S-19 was installed after January 1998 so no results using a purge sampling method are available for this well.

Many of these wells have remained at or very close to non-detected (ND) for several quarters or longer. Well S-9 is the only well with consistently high concentrations relative to the other wells. Wells S-7 and S-8 are wells in which petroleum hydrocarbons are still being detected at low concentrations on occasion. As a check to see if there is a change from purge to no-purge sampling techniques, Delta recommends at the next quarterly monitoring event having these three wells sampled using both purge and no-purge techniques so a comparison of the analytical results can be made.

## **SUMMARY AND CONCLUSIONS**

No-purge sampling relies on the natural advective movement of groundwater and screening appropriate to the groundwater elevation. This evaluation indicates there does not appear to be a bias introduced in most wells based on the no-purge sampling protocol, based on generally low concentrations across the site. It should be noted that where no-purge sample analytical results prove comparable to the purging method it is preferable, as no-purge sampling provides both time and groundwater storage and disposal cost savings, as well as time savings in areas of slow recharge.

In view of the generally low to non-detected concentrations reported consistently across the site (with the exception of well S-9) and the apparent changes noted in the overall trends in wells S-5, S-7, and S-16 when the change from purge to no-purge was made, Delta recommends both purge and no-purge sampling be conducted at the next quarterly monitoring event for wells S-7, S-8 and S-9 in order to ensure that representative samples are being collected using the current sampling protocol.

## **REMARKS**

The recommendations contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

If you have any questions or comments regarding this report, please contact Suzanne McClurkin-Nelson (Delta) at (408) 826-1875 or Denis Brown (Shell) at (707) 865-0251.

Sincerely,

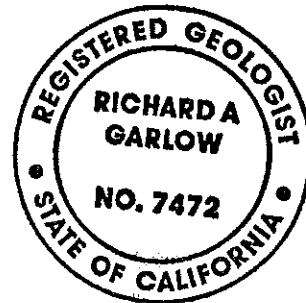
Delta Consultants, Inc.



Suzanne McClurkin-Nelson  
Senior Project Manager



Richard A. Garlow, M.S., P.G.  
Project Specialist

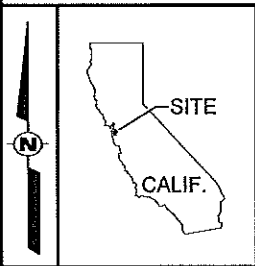
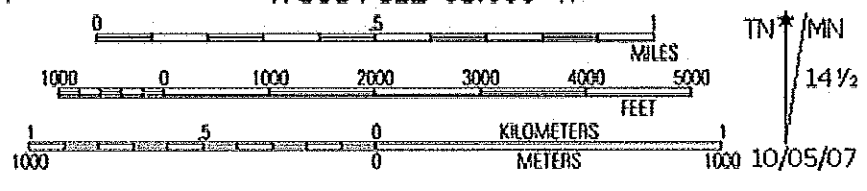
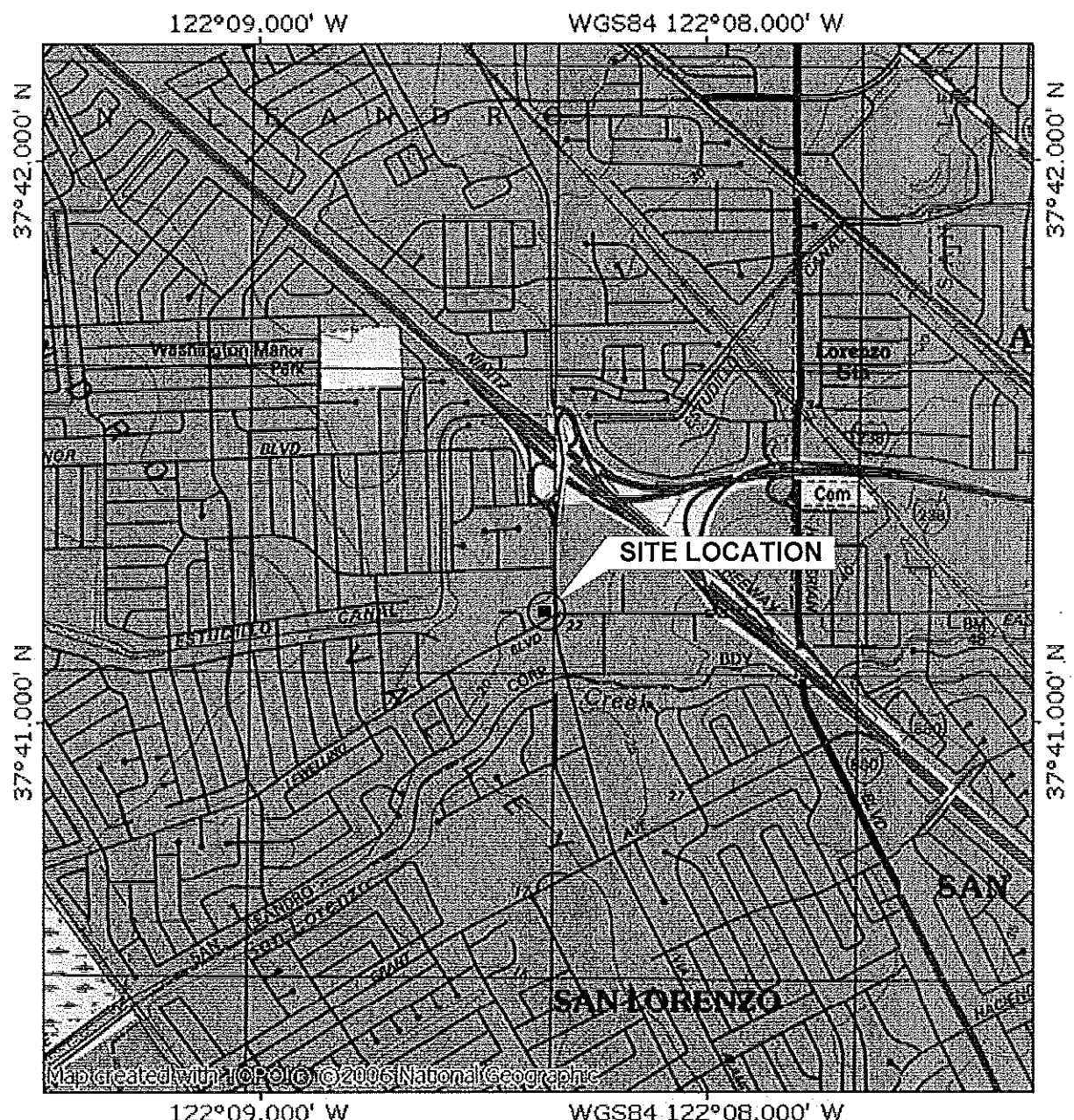


Attachments: Figure 1 – Site Location Map  
Figure 2 – Site Map  
Table 1 – Historical Well Concentrations  
Table 2 – Well Construction Details  
Table 3 – Well Sampling Schedule and Analyses  
Attachment A – Blaine Tech Services Inc. Groundwater Sampling Procedures  
Attachment B – Historical Concentration Graphs

cc: Denis Brown, Shell Oil Products US, Carson  
Mike Bakaldin, San Leandro Fire Department, San Leandro  
Salel Enterprises c/o Foothill Hardware, Oakland

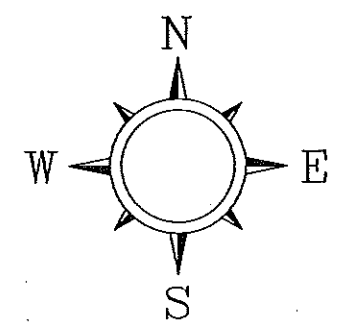
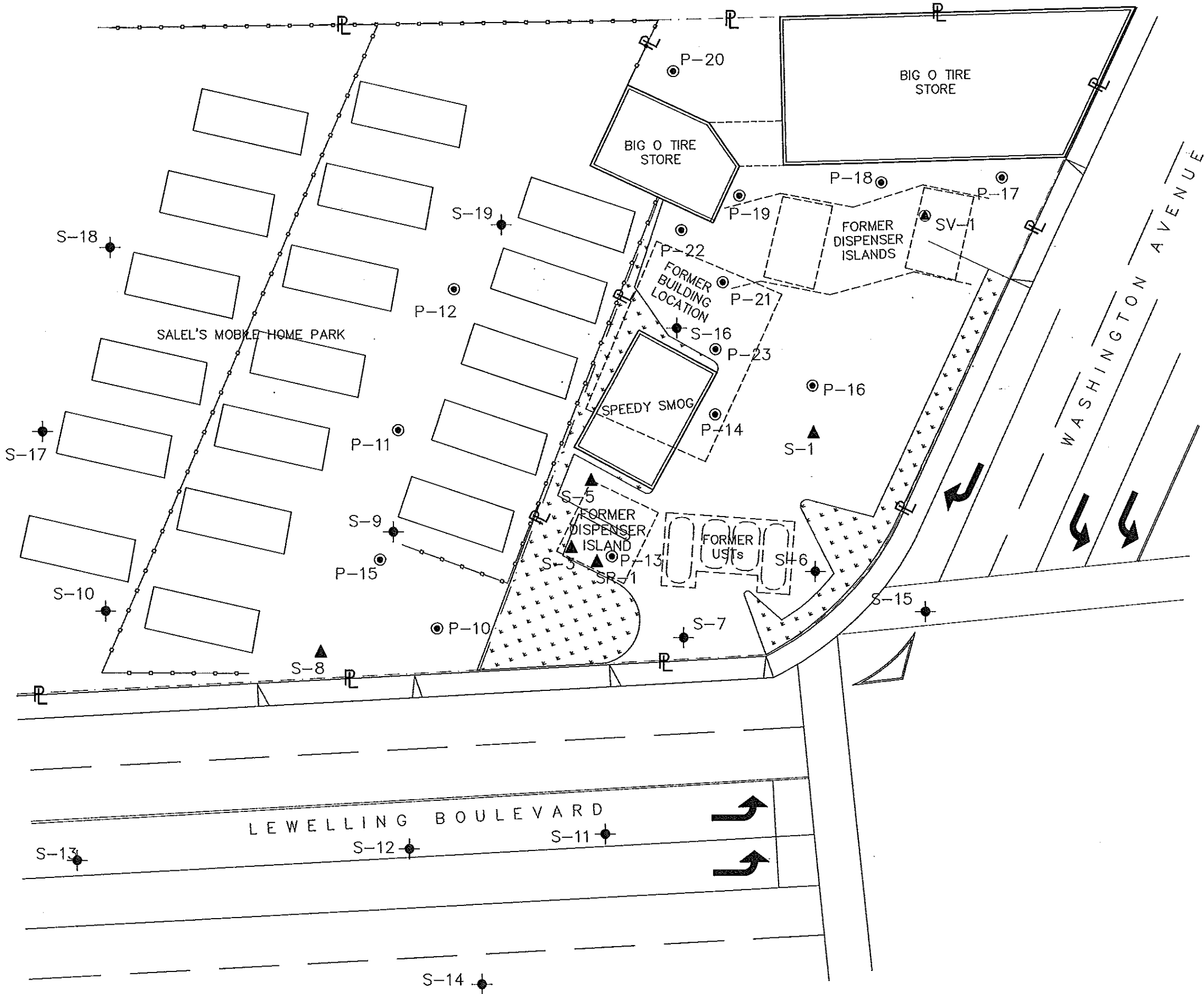
## FIGURES

DRAWING NUMBER SCA152751  
 APPROVED BY  
 CHECKED BY  
 DRAWN BY J.F.F.



**DELTA CONSULTANTS**  
 SHELL OIL PRODUCTS US  
 FORMER SHELL SERVICE STATION  
 SAN LEANDRO, CALIFORNIA  
**FIGURE 1**  
**SITE LOCATION MAP**  
 15275 WASHINGTON AVENUE  
 SAN LEANDRO, CALIFORNIA

PROJECT SCA15275-1  
 APPROVED BY  
 CHECKED BY  
 DRAWN BY AD  
 12/12/08



- LEGEND**
- S-15 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
  - S-1 GROUNDWATER MONITORING WELL MODIFIED FOR SOIL VAPOR EXTRACTION
  - P-18 SOIL VAPOR PROBE LOCATION AND DESIGNATION
  - SV-1 SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION
  - CURRENT BUILDING LOCATION
  - TRAILER PARK STRUCTURE
  - FORMER BUILDING
  - FORMER UST LOCATION
  - PROPERTY LINE
  - FENCING

0 25 50  
 SCALE IN FEET

**DELTA CONSULTANTS**

SHELL OIL PRODUCTS U.S.  
 FORMER SHELL-BRANDED SERVICE STATION  
 SAN LEANDRO, CALIFORNIA

**FIGURE 2**

**SITE MAP**  
 15275 WASHINGTON AVENUE  
 SAN LEANDRO, CALIFORNIA

## TABLES



**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-1     | 7/8/1985   | 520            | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.55        | NA                         | NA                       | NA                        | NA                     |
| S-1     | 9/6/1988   | <50            | <0.5        | <1          | <1          | <0.3        | NA                     | NA                     | 21.55        | NA                         | NA                       | NA                        | NA                     |
| S-1     | 11/16/1988 | <50            | <0.5        | <1          | <1          | <0.3        | NA                     | NA                     | 21.55        | 8.01                       | 13.54                    | NA                        | NA                     |
| S-1     | 2/27/1989  | <50            | 0.5         | <1          | <1          | <0.3        | NA                     | NA                     | 21.55        | NA                         | NA                       | NA                        | NA                     |
| S-1     | 5/4/1989   | <50            | 1.0         | <1          | <1          | <0.3        | NA                     | NA                     | 21.55        | NA                         | NA                       | NA                        | NA                     |
| S-1     | 8/10/1989  | <50            | 0.7         | <1          | <1          | <0.3        | NA                     | NA                     | 21.55        | 7.93                       | 13.62                    | NA                        | NA                     |
| S-1     | 10/10/1989 | <50            | <0.5        | <1          | <1          | <0.3        | NA                     | NA                     | 21.55        | 8.09                       | 13.46                    | NA                        | NA                     |
| S-1     | 1/25/1990  | <50            | <0.5        | <0.5        | <0.5        | <1          | NA                     | NA                     | 21.55        | 7.73                       | 13.82                    | NA                        | NA                     |
| S-1     | 4/18/1990  | <50            | <0.5        | <0.5        | <0.5        | <1          | NA                     | NA                     | 21.55        | 7.91                       | 13.64                    | NA                        | NA                     |
| S-1     | 7/23/1990  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.55        | 7.72                       | 13.83                    | NA                        | NA                     |
| S-1     | 10/18/1990 | 80             | 5           | <0.5        | <0.5        | 3.0         | NA                     | NA                     | 21.55        | 8.55                       | 13.00                    | NA                        | NA                     |
| S-1     | 1/28/1991  | <50            | 4.5         | <0.5        | <0.5        | 2.0         | NA                     | NA                     | 21.55        | 8.52                       | 13.03                    | NA                        | NA                     |
| S-1     | 4/25/1991  | 80a            | 3.7         | <0.5        | 0.7         | 2.0         | NA                     | NA                     | 21.55        | 7.18                       | 14.37                    | NA                        | NA                     |
| S-1     | 7/9/1991   | 200            | 16          | <0.5        | 1.3         | 5.8         | NA                     | NA                     | 21.55        | 8.22                       | 13.33                    | NA                        | NA                     |
| S-1     | 10/8/1991  | <50            | 2.3         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.55        | 8.70                       | 12.85                    | NA                        | NA                     |
| S-1     | 2/5/1992   | 160            | 8.9         | <0.5        | 2.1         | 6.0         | NA                     | NA                     | 21.55        | 8.14                       | 13.41                    | NA                        | NA                     |
| S-1     | 4/28/1992  | <50            | 2.4         | <0.5        | <0.5        | 0.9         | NA                     | NA                     | 21.55        | 7.52                       | 14.03                    | NA                        | NA                     |
| S-1     | 7/27/1992  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.55        | 8.28                       | 13.27                    | NA                        | NA                     |
| S-1     | 10/26/1992 | 57             | 3.0         | 1.6         | 1.4         | 1.7         | NA                     | NA                     | 21.55        | 8.74                       | 12.81                    | NA                        | NA                     |
| S-1     | 1/14/1993  | 490            | 53          | 1.2         | 20          | 33          | NA                     | NA                     | 21.55        | 5.91                       | 15.64                    | NA                        | NA                     |
| S-1     | 4/16/1993  | 240            | 20          | <0.5        | 15          | 240         | NA                     | NA                     | 21.55        | 6.66                       | 14.89                    | NA                        | NA                     |
| S-1     | 7/23/1993  | <50            | 0.5         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.55        | 7.53                       | 14.02                    | NA                        | NA                     |
| S-1     | 10/27/1993 | 60             | 5.9         | <0.5        | 2.5         | 1.7         | NA                     | NA                     | 21.55        | 8.20                       | 13.35                    | NA                        | NA                     |
| S-1     | 1/27/1994  | <50            | 2.1         | <0.5        | <0.5        | 0.63        | NA                     | NA                     | 21.55        | 7.26                       | 14.29                    | NA                        | NA                     |
| S-1     | 5/5/1994   | 57             | 3.9         | <0.5        | 1.9         | 1.9         | NA                     | NA                     | 21.27        | 7.38                       | 13.89                    | NA                        | NA                     |
| S-1     | 7/26/1994  | <50            | 2.2         | <0.3        | <0.3        | <0.6        | NA                     | NA                     | 21.27        | 7.86                       | 13.41                    | NA                        | NA                     |
| S-1     | 10/28/1994 | <50            | 0.8         | <0.3        | <0.3        | 0.8         | NA                     | NA                     | 21.27        | 7.86                       | 13.41                    | NA                        | NA                     |
| S-1     | 1/2/1995   | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.27        | 6.85                       | 14.42                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-1     | 4/14/1995  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 6.08                       | 15.19                    | NA                        | NA                     |
| S-1     | 7/28/1995  | 60             | 2.2         | <0.5        | 1.3         | 1.2         | NA                     | NA                     | 21.27        | 6.79                       | 14.48                    | NA                        | NA                     |
| S-1     | 10/17/1995 | 60             | 2.6         | <0.5        | 1.2         | 1.3         | NA                     | NA                     | 21.27        | 7.04                       | 14.23                    | NA                        | NA                     |
| S-1     | 1/11/1996  | <50            | 2.0         | <0.5        | <0.5        | <0.5        | <2                     | NA                     | 21.27        | 6.40                       | 14.87                    | NA                        | NA                     |
| S-1     | 4/2/1996   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 5.84                       | 15.43                    | NA                        | NA                     |
| S-1     | 7/9/1996   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 6.50                       | 14.77                    | NA                        | NA                     |
| S-1     | 10/10/1996 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 7.31                       | 13.96                    | NA                        | NA                     |
| S-1     | 1/9/1997   | <50            | <0.50       | <0.50       | <0.50       | <0.50       | 6.7                    | NA                     | 21.27        | 5.50                       | 15.77                    | NA                        | NA                     |
| S-1     | 4/8/1997   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 7.03                       | 14.24                    | NA                        | NA                     |
| S-1     | 7/21/1997  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 7.00                       | 14.27                    | NA                        | NA                     |
| S-1     | 10/8/1997  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 7.51                       | 13.76                    | NA                        | NA                     |
| S-1     | 1/15/1998  | 420            | 16          | <0.50       | 4.6         | 3.9         | 26                     | NA                     | 21.27        | 5.43                       | 15.84                    | NA                        | NA                     |
| S-1     | 4/14/1998  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 5.55                       | 15.72                    | NA                        | NA                     |
| S-1     | 7/14/1998  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 6.38                       | 14.95                    | NA                        | NA                     |
| S-1     | 10/20/1998 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 7.48                       | 13.85                    | NA                        | NA                     |
| S-1     | 1/22/1999  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | 2.53                   | NA                     | 21.33        | 6.37                       | 14.96                    | NA                        | NA                     |
| S-1     | 4/8/1999   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 5.93                       | 15.40                    | NA                        | NA                     |
| S-1     | 7/23/1999  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 7.20                       | 14.13                    | NA                        | NA                     |
| S-1     | 10/26/1999 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 7.61                       | 13.72                    | NA                        | NA                     |
| S-1     | 1/3/2000   | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | 4.73                   | NA                     | 21.33        | 7.76                       | 13.57                    | NA                        | NA                     |
| S-1     | 4/14/2000  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 6.35                       | 14.98                    | NA                        | NA                     |
| S-1     | 7/12/2000  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 7.05                       | 14.28                    | NA                        | NA                     |
| S-1     | 11/1/2000  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 6.51                       | 14.82                    | NA                        | NA                     |
| S-1     | 1/3/2001   | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 21.33        | 7.49                       | 13.84                    | NA                        | NA                     |
| S-1     | 4/24/2001  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 6.85                       | 14.48                    | NA                        | NA                     |
| S-1     | 7/2/2001   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 7.65                       | 13.68                    | NA                        | NA                     |
| S-1     | 11/2/2001  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 7.84                       | 13.49                    | NA                        | NA                     |
| S-1     | 1/16/2002  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 21.33        | 6.16                       | 15.17                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID    | Date            | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|------------|-----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-1        | 4/1/2002        | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 6.57                       | 14.76                    | NA                        | NA                     |
| S-1        | 7/11/2002       | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 7.52                       | 13.81                    | NA                        | NA                     |
| S-1        | 10/28/2002      | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 7.99                       | 13.34                    | NA                        | NA                     |
| S-1        | 1/23/2003       | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | 5.6                    | 21.33        | 6.46                       | 14.87                    | NA                        | NA                     |
| S-1        | 4/30/2003       | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 6.18                       | 15.15                    | NA                        | NA                     |
| S-1        | 7/1/2003        | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 7.38                       | 13.95                    | NA                        | NA                     |
| S-1        | 10/8/2003       | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 7.87                       | 13.46                    | NA                        | NA                     |
| S-1        | 1/22/2004       | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 21.33        | 6.90                       | 14.43                    | NA                        | NA                     |
| S-1        | 7/13/2004       | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 7.83                       | 13.50                    | NA                        | NA                     |
| S-1        | 1/20/2005       | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 21.33        | 5.68                       | 15.65                    | NA                        | NA                     |
| S-1        | 7/19/2005       | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 6.35                       | 14.98                    | NA                        | NA                     |
| S-1        | 1/27/2006       | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | NA                     | NA                     | 21.33        | 6.05                       | 15.28                    | NA                        | NA                     |
| S-1        | 7/25/2006       | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 7.12                       | 14.21                    | NA                        | NA                     |
| S-1        | 1/4/2007        | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 21.33        | 6.75                       | 14.58                    | NA                        | NA                     |
| S-1        | 7/24/2007       | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.33        | 7.73                       | 13.60                    | NA                        | NA                     |
| S-1        | 1/15/2008       | <50 g          | <0.50       | <1.0        | <1.0        | <1.0        | NA                     | NA                     | 21.33        | 6.10                       | 15.23                    | NA                        | NA                     |
| <b>S-1</b> | <b>8/4/2008</b> | <b>NA</b>      | <b>NA</b>   | <b>NA</b>   | <b>NA</b>   | <b>NA</b>   | <b>NA</b>              | <b>NA</b>              | <b>21.33</b> | <b>7.76</b>                | <b>13.57</b>             | <b>NA</b>                 | <b>NA</b>              |
| S-3        | 9/6/1988        | 96000          | 3400        | 9500        | 2700        | 17000       | NA                     | NA                     | 21.14        | NA                         | NA                       | NA                        | NA                     |
| S-3        | 11/16/1988      | 70000          | 4600        | 8400        | 2500        | 13000       | NA                     | NA                     | 21.14        | 7.76                       | 13.38                    | NA                        | NA                     |
| S-3        | 2/27/1989       | 32000          | 2400        | 3100        | 1500        | 6400        | NA                     | NA                     | 21.14        | NA                         | NA                       | NA                        | NA                     |
| S-3        | 5/4/1989        | 47000          | 4400        | 300         | 2400        | 15000       | NA                     | NA                     | 21.14        | NA                         | NA                       | NA                        | NA                     |
| S-3        | 8/10/1989       | 110000         | 5700        | 5700        | 3200        | 19000       | NA                     | NA                     | 21.14        | 7.92                       | 13.22                    | NA                        | NA                     |
| S-3        | 10/10/1989      | 52000          | 4600        | 3300        | 2600        | 15000       | NA                     | NA                     | 21.14        | 8.00                       | 13.14                    | NA                        | NA                     |
| S-3        | 1/25/1990       | 420000         | 5200        | 4100        | 6700        | 34000       | NA                     | NA                     | 21.14        | 7.54                       | 13.60                    | NA                        | NA                     |
| S-3        | 4/18/1990       | 58000          | 3800        | 1400        | 2400        | 12000       | NA                     | NA                     | 21.14        | 7.74                       | 13.40                    | NA                        | NA                     |
| S-3        | 7/23/1990       | 49000          | 3400        | 1800        | 2300        | 12000       | NA                     | NA                     | 21.14        | 7.55                       | 13.59                    | NA                        | NA                     |
| S-3        | 10/18/1990      | 44000          | 3500        | 650         | 2400        | 11000       | NA                     | NA                     | 21.14        | 8.47                       | 12.67                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|-------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-3     | 1/28/1991  | 64000             | 40900       | 570         | 1940        | 8090        | NA                     | NA                     | 21.14        | 8.38                       | 12.76                    | NA                        | NA                     |
| S-3     | 4/25/1991  | 120000            | 3900        | 3600        | 2400        | 8900        | NA                     | NA                     | 21.14        | 6.91                       | 14.23                    | NA                        | NA                     |
| S-3     | 7/9/1991   | 50000             | 3600        | 2300        | 1800        | 10000       | NA                     | NA                     | 21.14        | 8.07                       | 13.07                    | NA                        | NA                     |
| S-3     | 10/8/1991  | 130000            | 3600        | 1000        | 2800        | 8400        | NA                     | NA                     | 21.14        | 8.61                       | 12.53                    | NA                        | NA                     |
| S-3     | 2/5/1992   | 150000            | 2500        | 670         | 2700        | 10000       | NA                     | NA                     | 21.14        | 7.80                       | 13.34                    | NA                        | NA                     |
| S-3     | 4/28/1992  | 120000            | 2200        | 1200        | 2000        | 5800        | NA                     | NA                     | 21.14        | 7.27                       | 13.87                    | NA                        | NA                     |
| S-3     | 7/27/1992  | 190000            | 1400        | <1250       | <1250       | 3400        | NA                     | NA                     | 21.14        | 8.10                       | 13.04                    | NA                        | NA                     |
| S-3     | 10/26/1992 | 950000            | 2000        | 8400        | 16000       | 36000       | NA                     | NA                     | 21.14        | 8.62                       | 12.52                    | NA                        | NA                     |
| S-3     | 1/14/1993  | 41000             | 2700        | 2500        | 1800        | 6900        | NA                     | NA                     | 21.14        | 5.16                       | 15.98                    | NA                        | NA                     |
| S-3     | 4/16/1993  | 40000             | 930         | 2800        | 1900        | 14000       | NA                     | NA                     | 21.14        | 7.18                       | 13.96                    | NA                        | NA                     |
| S-3     | 7/23/1993  | 87000             | 1600        | <5          | 1300        | 4000        | NA                     | NA                     | 21.14        | 7.34                       | 13.80                    | NA                        | NA                     |
| S-3     | 10/27/1993 | 36000             | 2200        | <500        | 1500        | 3200        | NA                     | NA                     | 21.14        | 8.03                       | 13.11                    | NA                        | NA                     |
| S-3     | 1/27/1994  | 190000            | 3200        | 3100        | 4100        | 15000       | NA                     | NA                     | 21.14        | 6.79                       | 14.35                    | NA                        | NA                     |
| S-3     | 5/5/1994   | 36000             | 1100        | 490         | 1600        | 4700        | NA                     | NA                     | 20.48        | 6.75                       | 13.73                    | NA                        | NA                     |
| S-3     | 7/26/1994  | 18000             | 1039        | 170.5       | 845.4       | 967.5       | NA                     | NA                     | 20.48        | 7.30                       | 13.18                    | NA                        | NA                     |
| S-3     | 10/28/1994 | 25869             | 467.9       | 294         | 546.2       | 343.3       | NA                     | NA                     | 20.48        | 8.36                       | 12.12                    | NA                        | NA                     |
| S-3     | 1/2/1995   | 23000             | 850         | 260         | 900         | 2100        | NA                     | NA                     | 20.48        | 6.36                       | 14.12                    | NA                        | NA                     |
| S-3     | 4/14/1995  | 33000             | 720         | 670         | 1600        | 6600        | NA                     | NA                     | 20.48        | 5.87                       | 14.61                    | NA                        | NA                     |
| S-3     | 7/28/1995  | 12000             | 540         | <10         | 580         | 780         | NA                     | NA                     | 20.48        | 6.33                       | 14.15                    | NA                        | NA                     |
| S-3     | 10/17/1995 | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 6.48                       | 14.00                    | NA                        | NA                     |
| S-3     | 1/11/1996  | 16000             | 520         | 290         | 740         | 2600        | <200                   | NA                     | 20.48        | 5.80                       | 14.68                    | NA                        | NA                     |
| S-3     | 4/2/1996   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 5.00                       | 15.48                    | NA                        | NA                     |
| S-3     | 7/9/1996   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 5.93                       | 14.55                    | NA                        | NA                     |
| S-3     | 10/10/1996 | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 6.73                       | 13.75                    | NA                        | NA                     |
| S-3     | 1/9/1997   | 30000             | 420         | 330         | 1500        | 6300        | <500                   | NA                     | 20.48        | 4.72                       | 15.76                    | NA                        | NA                     |
| S-3     | 4/8/1997   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 6.63                       | 13.85                    | NA                        | NA                     |
| S-3     | 7/21/1997  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 6.18                       | 14.30                    | NA                        | NA                     |
| S-3     | 10/8/1997  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 6.83                       | 13.65                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|-------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-3     | 1/15/1998  | 21000             | 300         | 51          | 770         | 2800        | <100                   | NA                     | 20.48        | 4.30                       | 16.18                    | NA                        | NA                     |
| S-3 (D) | 1/15/1998  | 14000             | 330         | 63          | 920         | 3400        | <250                   | NA                     | 20.48        | NA                         | NA                       | NA                        | NA                     |
| S-3     | 4/14/1998  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 4.37                       | 16.11                    | NA                        | NA                     |
| S-3     | 7/14/1998  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 5.47                       | 15.01                    | NA                        | NA                     |
| S-3     | 10/20/1998 | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 20.48        | NA                         | NA                       | NA                        | NA                     |
| S-3     | 1/22/1999  | 40000             | 313         | 194         | 2200        | 8800        | <40.0                  | NA                     | 20.48        | 5.71                       | 14.77                    | NA                        | NA                     |
| S-3     | 4/8/1999   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 4.95                       | 15.53                    | NA                        | NA                     |
| S-3     | 7/23/1999  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 6.78                       | 13.70                    | NA                        | NA                     |
| S-3     | 10/26/1999 | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 7.25                       | 13.23                    | NA                        | NA                     |
| S-3     | 1/3/2000   | 39700             | 150         | 61.8        | 1690        | 7720        | 445                    | NA                     | 20.48        | 7.46                       | 13.02                    | NA                        | NA                     |
| S-3     | 4/14/2000  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 5.64                       | 14.84                    | NA                        | NA                     |
| S-3     | 7/12/2000  | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 20.48        | NA                         | NA                       | NA                        | NA                     |
| S-3     | 11/1/2000  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 6.72                       | 13.76                    | NA                        | NA                     |
| S-3     | 1/3/2001   | 25000             | 89.0        | <50.0       | 1270        | 5180        | <250                   | NA                     | 20.48        | 7.14                       | 13.34                    | NA                        | NA                     |
| S-3     | 4/24/2001  | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 20.48        | NA                         | NA                       | NA                        | NA                     |
| S-3     | 7/2/2001   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 7.28                       | 13.20                    | NA                        | 3.2                    |
| S-3     | 11/2/2001  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 7.64                       | 12.84                    | NA                        | 3.5                    |
| S-3     | 1/16/2002  | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 20.48        | NA                         | NA                       | NA                        | NA                     |
| S-3     | 4/1/2002   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 5.99                       | 14.49                    | NA                        | 3.8                    |
| S-3     | 7/11/2002  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.48        | 7.21                       | 13.27                    | NA                        | 0.7                    |
| S-3     | 10/28/2002 | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.85        | 7.90                       | 12.95                    | NA                        | e                      |
| S-3     | 1/23/2003  | 28000             | 60          | 13          | 970         | 3700        | NA                     | <50                    | 20.85        | 6.00                       | 14.85                    | NA                        | 0.3                    |
| S-3     | 4/30/2003  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.85        | 5.34                       | 15.51                    | NA                        | 1.0                    |
| S-3     | 7/1/2003   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.85        | 7.28                       | 13.57                    | NA                        | 1.0                    |
| S-3     | 10/8/2003  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.85        | 7.63                       | 13.22                    | NA                        | 26.9                   |
| S-3     | 1/22/2004  | 3200              | 5.7         | <2.5        | 16          | 320         | NA                     | NA                     | 20.85        | 6.53                       | 14.32                    | NA                        | 0.5                    |
| S-3     | 7/13/2004  | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 20.85        | NA                         | NA                       | NA                        | NA                     |
| S-3     | 7/21/2004  | 3100              | 4.1         | <2.5        | 10          | 130         | NA                     | NA                     | 20.85        | 7.64                       | 13.21                    | NA                        | 2.2                    |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-3     | 1/20/2005  | 93             | <0.50       | <0.50       | 1.3         | 1.8         | NA                     | NA                     | 20.85        | 5.78                       | 15.07                    | NA                        | 0.8                    |
| S-3     | 7/19/2005  | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 20.85        | 6.35                       | 14.50                    | NA                        | NA                     |
| S-3     | 1/27/2006  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | NA                     | NA                     | 20.85        | 5.55                       | 15.30                    | NA                        | NA                     |
| S-3     | 7/25/2006  | 100            | <1.00       | <1.00       | <1.00       | <3.00       | NA                     | NA                     | 20.85        | 7.09                       | 13.76                    | NA                        | NA                     |
| S-3     | 1/4/2007   | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 20.85        | 6.53                       | 14.32                    | NA                        | NA                     |
| S-3     | 7/24/2007  | 590 g,h        | 0.99        | <1.0        | 0.25 i      | 0.99 i      | NA                     | NA                     | 20.85        | 7.44                       | 13.41                    | NA                        | NA                     |
| S-3     | 1/15/2008  | <50 g          | <0.50       | <1.0        | <1.0        | <1.0        | NA                     | NA                     | 20.85        | 5.41                       | 15.44                    | NA                        | NA                     |
| S-3     | 8/4/2008   | 76             | <0.50       | <1.0        | <1.0        | <1.0        | NA                     | NA                     | 20.85        | 6.62                       | 14.23                    | NA                        | NA                     |
| S-5     | 1/8/1987   | 7800           | 380         | 510         | NA          | 1000        | NA                     | NA                     | 21.41        | NA                         | NA                       | NA                        | NA                     |
| S-5     | 9/6/1988   | 7000           | 2600        | 60          | 400         | 700         | NA                     | NA                     | 21.41        | NA                         | NA                       | NA                        | NA                     |
| S-5     | 11/16/1988 | 3000           | 660         | 60          | 120         | 220         | NA                     | NA                     | 21.41        | NA                         | NA                       | NA                        | NA                     |
| S-5     | 2/27/1989  | 5700           | 2000        | 220         | 260         | 320         | NA                     | NA                     | 21.41        | NA                         | NA                       | NA                        | NA                     |
| S-5     | 5/4/1989   | 9000           | 3000        | 600         | 630         | 1700        | NA                     | NA                     | 21.41        | NA                         | NA                       | NA                        | NA                     |
| S-5     | 8/10/1989  | 5100           | 1100        | <50         | 270         | 400         | NA                     | NA                     | 21.41        | 8.28                       | 13.13                    | NA                        | NA                     |
| S-5     | 10/10/1989 | 15000          | 3300        | 160         | 830         | 2200        | NA                     | NA                     | 21.41        | 8.32                       | 13.09                    | NA                        | NA                     |
| S-5     | 1/25/1990  | 12000          | 2400        | 360         | 570         | 1400        | NA                     | NA                     | 21.41        | 8.20                       | 13.21                    | NA                        | NA                     |
| S-5     | 4/18/1990  | 5200           | 1100        | 40          | 300         | 460         | NA                     | NA                     | 21.41        | 8.32                       | 13.09                    | NA                        | NA                     |
| S-5     | 7/23/1990  | 5500           | 1300        | 140         | 320         | 730         | NA                     | NA                     | 21.41        | 8.03                       | 13.38                    | NA                        | NA                     |
| S-5     | 10/18/1990 | 12000          | 3200        | 40          | 720         | 900         | NA                     | NA                     | 21.41        | 9.03                       | 12.38                    | NA                        | NA                     |
| S-5     | 1/28/1991  | 2550           | 410         | 15          | 110         | 60          | NA                     | NA                     | 21.41        | 8.80                       | 12.61                    | NA                        | NA                     |
| S-5     | 4/25/1991  | 67000          | 5100        | 3100        | 2800        | 11000       | NA                     | NA                     | 21.41        | 7.40                       | 14.01                    | NA                        | NA                     |
| S-5     | 7/9/1991   | 4900           | 480         | 36          | 360         | 1000        | NA                     | NA                     | 21.41        | 8.52                       | 12.89                    | NA                        | NA                     |
| S-5     | 10/8/1991  | 6600           | 370         | 7.0         | 190         | 380         | NA                     | NA                     | 21.41        | 9.00                       | 12.41                    | NA                        | NA                     |
| S-5     | 2/5/1992   | 44000          | 4800        | 850         | 2700        | 8400        | NA                     | NA                     | 21.41        | 8.11                       | 13.30                    | NA                        | NA                     |
| S-5     | 4/28/1992  | 33000          | 1400        | 320         | 1600        | 5200        | NA                     | NA                     | 21.41        | 7.70                       | 13.71                    | NA                        | NA                     |
| S-5     | 7/27/1992  | 20000          | 2400        | <25         | 1800        | 2300        | NA                     | NA                     | 21.41        | 8.52                       | 12.89                    | NA                        | NA                     |
| S-5     | 10/26/1992 | 21000          | 1600        | 140         | 1500        | 2800        | NA                     | NA                     | 21.41        | 9.02                       | 12.39                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-5     | 1/14/1993  | 54000          | 1900        | 1000        | 2700        | 16000       | NA                     | NA                     | 21.41        | 5.22                       | 16.19                    | NA                        | NA                     |
| S-5     | 4/16/1993  | 42000          | 2000        | 1300        | 4300        | 18000       | NA                     | NA                     | 21.41        | 7.04                       | 14.37                    | NA                        | NA                     |
| S-5     | 7/23/1993  | 46000          | 2500        | 2200        | 3400        | 11000       | NA                     | NA                     | 21.41        | 7.75                       | 13.66                    | NA                        | NA                     |
| S-5     | 10/27/1993 | 6500           | 990         | 31          | 1100        | 1000        | NA                     | NA                     | 21.41        | 8.49                       | 12.92                    | NA                        | NA                     |
| S-5     | 1/27/1994  | 34000          | 1800        | 580         | 2900        | 9700        | NA                     | NA                     | 21.41        | 7.04                       | 14.37                    | NA                        | NA                     |
| S-5     | 5/5/1994   | 24000          | 670         | 70          | 1400        | 2700        | NA                     | NA                     | 21.03        | 7.20                       | 13.83                    | NA                        | NA                     |
| S-5     | 7/27/1994  | 4700           | 193.6       | 33.1        | 332.3       | 281.2       | NA                     | NA                     | 21.03        | 7.72                       | 13.31                    | NA                        | NA                     |
| S-5     | 10/28/1994 | 3200           | 167.3       | 18          | 238.7       | 104.5       | NA                     | NA                     | 21.03        | 7.82                       | 13.21                    | NA                        | NA                     |
| S-5     | 1/2/1995   | 18000          | 1300        | 220         | 3400        | 10000       | NA                     | NA                     | 21.03        | 6.65                       | 14.38                    | NA                        | NA                     |
| S-5     | 4/14/1995  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 5.99                       | 15.04                    | NA                        | NA                     |
| S-5     | 7/28/1995  | 25000          | 440         | 74          | 1700        | 4500        | NA                     | NA                     | 21.03        | 6.77                       | 14.26                    | NA                        | NA                     |
| S-5 (D) | 7/28/1995  | 25000          | 450         | <50         | 1700        | 4600        | NA                     | NA                     | 21.03        | NA                         | NA                       | NA                        | NA                     |
| S-5     | 10/17/1995 | 18000          | 360         | 24          | 1300        | 2200        | NA                     | NA                     | 21.03        | 7.00                       | 14.03                    | NA                        | NA                     |
| S-5     | 1/11/1996  | 41000          | 420         | 180         | 1600        | 9500        | <200                   | NA                     | 21.03        | 6.22                       | 14.81                    | NA                        | NA                     |
| S-5     | 4/2/1996   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 5.44                       | 15.59                    | NA                        | NA                     |
| S-5     | 7/9/1996   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 6.41                       | 14.62                    | NA                        | NA                     |
| S-5     | 10/10/1996 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 7.19                       | 13.84                    | NA                        | NA                     |
| S-5     | 1/9/1997   | 38000          | 130         | 43          | 160         | 6200        | <125                   | NA                     | 21.03        | 5.03                       | 16.00                    | NA                        | NA                     |
| S-5 (D) | 1/9/1997   | 36000          | 130         | <50         | 160         | 5600        | <250                   | NA                     | 21.03        | NA                         | NA                       | NA                        | NA                     |
| S-5     | 4/8/1997   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 7.20                       | 13.83                    | NA                        | NA                     |
| S-5     | 7/21/1997  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 6.82                       | 14.21                    | NA                        | NA                     |
| S-5     | 10/8/1997  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 7.31                       | 13.72                    | NA                        | NA                     |
| S-5     | 1/15/1998  | 49000          | 62          | <50         | 93          | 4100        | <250                   | NA                     | 21.03        | 4.58                       | 16.45                    | NA                        | NA                     |
| S-5     | 4/14/1998  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 4.94                       | 16.09                    | NA                        | NA                     |
| S-5     | 7/14/1998  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 5.36                       | 15.91                    | NA                        | NA                     |
| S-5     | 10/20/1998 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 7.53                       | 13.74                    | NA                        | NA                     |
| S-5     | 1/22/1999  | 2550           | 9.09        | <0.500      | 1.93        | 112         | 4.40                   | NA                     | 21.27        | 6.35                       | 14.92                    | NA                        | NA                     |
| S-5     | 4/8/1999   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 5.37                       | 15.90                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-5     | 7/23/1999  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 6.43                       | 14.84                    | NA                        | NA                     |
| S-5     | 10/26/1999 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 7.51                       | 13.76                    | NA                        | NA                     |
| S-5     | 1/3/2000   | 3310           | 39.0        | <10.0       | 293         | 21.7        | <50.0                  | NA                     | 21.27        | 7.78                       | 13.49                    | NA                        | NA                     |
| S-5     | 4/14/2000  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 6.15                       | 15.12                    | NA                        | NA                     |
| S-5     | 7/12/2000  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 7.05                       | 14.22                    | NA                        | NA                     |
| S-5     | 11/1/2000  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 6.00                       | 15.27                    | NA                        | NA                     |
| S-5     | 1/3/2001   | 516            | 3.65        | 0.968       | 18.0        | 4.02        | 18.4                   | NA                     | 21.27        | 7.48                       | 13.79                    | NA                        | NA                     |
| S-5     | 4/24/2001  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 6.58                       | 14.69                    | NA                        | NA                     |
| S-5     | 7/2/2001   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 7.60                       | 13.67                    | NA                        | NA                     |
| S-5     | 11/2/2001  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 7.94                       | 13.33                    | NA                        | NA                     |
| S-5     | 1/16/2002  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 21.27        | 5.88                       | 15.39                    | NA                        | NA                     |
| S-5     | 4/1/2002   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 6.27                       | 15.00                    | NA                        | NA                     |
| S-5     | 7/11/2002  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 7.53                       | 13.74                    | NA                        | NA                     |
| S-5     | 10/28/2002 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 8.11                       | 13.16                    | NA                        | NA                     |
| S-5     | 1/23/2003  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 21.27        | 6.22                       | 15.05                    | NA                        | NA                     |
| S-5     | 4/30/2003  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 5.48                       | 15.79                    | NA                        | NA                     |
| S-5     | 7/1/2003   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 7.32                       | 13.95                    | NA                        | NA                     |
| S-5     | 10/8/2003  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 7.91                       | 13.36                    | NA                        | NA                     |
| S-5     | 1/22/2004  | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 21.27        | 6.68                       | 14.59                    | NA                        | NA                     |
| S-5     | 7/13/2004  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 8.17                       | 13.10                    | NA                        | NA                     |
| S-5     | 1/20/2005  | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 21.27        | 5.30                       | 15.97                    | NA                        | NA                     |
| S-5     | 7/19/2005  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 6.35                       | 14.92                    | NA                        | NA                     |
| S-5     | 1/27/2006  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | NA                     | NA                     | 21.27        | 5.83                       | 15.44                    | NA                        | NA                     |
| S-5     | 7/25/2006  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 7.35                       | 13.92                    | NA                        | NA                     |
| S-5     | 1/4/2007   | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 21.27        | 6.82                       | 14.45                    | NA                        | NA                     |
| S-5     | 7/24/2007  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 7.70                       | 13.57                    | NA                        | NA                     |
| S-5     | 1/15/2008  | <50 g          | <0.50       | <1.0        | <1.0        | <1.0        | NA                     | NA                     | 21.27        | 5.83                       | 15.44                    | NA                        | NA                     |
| S-5     | 8/4/2008   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | 8.04                       | 13.23                    | NA                        | NA                     |



**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-6     | 11/16/1988 | 50             | 0.7         | <1          | <1          | <3          | NA                     | NA                     | 22.02        | 8.58                       | 13.44                    | NA                        | NA                     |
| S-6     | 2/27/1989  | <50            | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 22.02        | NA                         | NA                       | NA                        | NA                     |
| S-6     | 5/4/1989   | <50            | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 22.02        | NA                         | NA                       | NA                        | NA                     |
| S-6     | 8/10/1989  | <50            | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 22.02        | 8.54                       | 13.48                    | NA                        | NA                     |
| S-6     | 10/10/1989 | <50            | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 22.02        | 8.58                       | 13.44                    | NA                        | NA                     |
| S-6     | 1/25/1990  | <50            | <0.5        | <0.5        | <0.5        | <1          | NA                     | NA                     | 22.02        | 8.31                       | 13.71                    | NA                        | NA                     |
| S-6     | 4/18/1990  | <50            | <0.5        | 0.6         | <0.5        | 1.0         | NA                     | NA                     | 22.02        | 8.43                       | 13.59                    | NA                        | NA                     |
| S-6     | 7/23/1990  | <50            | <0.5        | 0.9         | <0.5        | 1.8         | NA                     | NA                     | 22.02        | 8.24                       | 13.78                    | NA                        | NA                     |
| S-6     | 10/18/1990 | <50            | <0.5        | 0.7         | <0.5        | 0.8         | NA                     | NA                     | 22.02        | 9.20                       | 12.82                    | NA                        | NA                     |
| S-6     | 1/28/1991  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.02        | 9.10                       | 12.92                    | NA                        | NA                     |
| S-6     | 4/25/1991  | <50            | <0.5        | <0.5        | <0.5        | 0.7         | NA                     | NA                     | 22.02        | 7.74                       | 14.28                    | NA                        | NA                     |
| S-6     | 7/9/1991   | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.02        | 8.81                       | 13.21                    | NA                        | NA                     |
| S-6     | 10/8/1991  | <50            | 0.7         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.02        | 9.26                       | 12.76                    | NA                        | NA                     |
| S-6     | 2/2/1992   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 22.02        | 8.47                       | 13.55                    | NA                        | NA                     |
| S-6     | 4/28/1992  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.02        | 7.91                       | 14.11                    | NA                        | NA                     |
| S-6     | 7/27/1992  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 22.02        | 8.83                       | 13.19                    | NA                        | NA                     |
| S-6     | 10/26/1992 | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.02        | 9.29                       | 12.73                    | NA                        | NA                     |
| S-6     | 1/13/1994  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 22.02        | 9.43                       | 12.59                    | NA                        | NA                     |
| S-6     | 4/16/1993  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.02        | 7.12                       | 14.90                    | NA                        | NA                     |
| S-6     | 7/23/1993  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 22.02        | 8.14                       | 13.88                    | NA                        | NA                     |
| S-6     | 10/27/1993 | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.02        | 8.75                       | 13.27                    | NA                        | NA                     |
| S-6     | 1/27/1994  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 22.02        | 7.87                       | 14.15                    | NA                        | NA                     |
| S-6     | 5/5/1994   | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.40        | 7.71                       | 13.69                    | NA                        | NA                     |
| S-6     | 7/26/1994  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.40        | 8.10                       | 13.30                    | NA                        | NA                     |
| S-6     | 10/28/1994 | <50            | <0.3        | <0.3        | <0.3        | <0.6        | NA                     | NA                     | 21.40        | 8.04                       | 13.36                    | NA                        | NA                     |
| S-6     | 1/2/1995   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.40        | 7.07                       | 14.33                    | NA                        | NA                     |
| S-6     | 4/14/1995  | <50            | <0.5        | 1.3         | <0.5        | <0.5        | NA                     | NA                     | 21.40        | 6.29                       | 15.11                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-6     | 7/28/1995  | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.40        | 6.91                       | 14.49                    | NA                        | NA                     |
| S-6     | 10/17/1995 | <50              | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.40        | 7.20                       | 14.20                    | NA                        | NA                     |
| S-6     | 1/11/1996  | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.40        | 6.60                       | 14.80                    | NA                        | NA                     |
| S-6     | 1/22/2004  | Unable to locate |             | NA          | NA          | NA          | NA                     | NA                     | 21.40        | NA                         | NA                       | NA                        | NA                     |
| S-7     | 11/16/1988 | 100              | 5.1         | 15          | 2.0         | 13          | NA                     | NA                     | 21.47        | 8.24                       | 13.23                    | NA                        | NA                     |
| S-7     | 2/27/1989  | 50               | 0.5         | 3.0         | 1.0         | 11          | NA                     | NA                     | 21.47        | NA                         | NA                       | NA                        | NA                     |
| S-7     | 5/4/1989   | <50              | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 21.47        | NA                         | NA                       | NA                        | NA                     |
| S-7     | 8/10/1989  | <50              | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 21.47        | 8.18                       | 13.29                    | NA                        | NA                     |
| S-7     | 10/10/1989 | <50              | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 21.47        | 8.35                       | 13.12                    | NA                        | NA                     |
| S-7     | 1/25/1990  | <50              | <0.5        | <0.5        | <0.5        | <1          | NA                     | NA                     | 21.47        | 7.95                       | 13.52                    | NA                        | NA                     |
| S-7     | 4/18/1990  | <50              | <0.5        | <0.5        | <0.5        | <1          | NA                     | NA                     | 21.47        | 8.06                       | 13.41                    | NA                        | NA                     |
| S-7     | 7/23/1990  | <50              | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.47        | 7.89                       | 13.58                    | NA                        | NA                     |
| S-7     | 10/18/1990 | <50              | <0.5        | 0.5         | 0.5         | 4.1         | NA                     | NA                     | 21.47        | 8.83                       | 12.64                    | NA                        | NA                     |
| S-7     | 1/28/1991  | <50              | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.47        | 8.77                       | 12.70                    | NA                        | NA                     |
| S-7     | 4/25/1991  | 60               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.47        | 7.25                       | 14.22                    | NA                        | NA                     |
| S-7     | 7/9/1991   | <50              | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.47        | 8.41                       | 13.06                    | NA                        | NA                     |
| S-7     | 10/8/1991  | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.47        | 8.95                       | 12.52                    | NA                        | NA                     |
| S-7     | 2/5/1992   | <50              | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.47        | 8.04                       | 13.43                    | NA                        | NA                     |
| S-7     | 10/8/1991  | <50              | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.47        | 8.95                       | 12.52                    | NA                        | NA                     |
| S-7     | 4/28/1992  | <50              | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.47        | 7.45                       | 14.02                    | NA                        | NA                     |
| S-7     | 7/27/1992  | <50              | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.47        | 8.48                       | 12.99                    | NA                        | NA                     |
| S-7     | 10/26/1992 | 570              | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.47        | 9.95                       | 11.52                    | NA                        | NA                     |
| S-7     | 1/14/1993  | 56               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.47        | 5.84                       | 15.63                    | NA                        | NA                     |
| S-7     | 4/16/1993  | 110              | 28          | <0.5        | <0.5        | 1.8         | NA                     | NA                     | 21.47        | 6.38                       | 15.09                    | NA                        | NA                     |
| S-7     | 7/23/1993  | 80               | 0.48        | <0.5        | <0.5        | 0.8         | NA                     | NA                     | 21.47        | 7.72                       | 13.75                    | NA                        | NA                     |
| S-7     | 10/27/1993 | <50              | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.47        | 7.79                       | 13.68                    | NA                        | NA                     |
| S-7     | 1/27/1994  | 70a              | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.47        | 7.85                       | 13.62                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-7     | 5/5/1994   | 92             | 2.1         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.85        | 9.45                       | 11.40                    | NA                        | NA                     |
| S-7     | 7/26/1994  | 88             | <0.3        | <0.3        | <0.3        | <0.6        | NA                     | NA                     | 20.85        | 7.64                       | 13.21                    | NA                        | NA                     |
| S-7     | 10/28/1994 | 60             | <0.3        | 0.5         | <0.3        | <0.6        | NA                     | NA                     | 20.85        | 7.68                       | 13.17                    | NA                        | NA                     |
| S-7     | 1/2/1995   | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.85        | 6.95                       | 13.90                    | NA                        | NA                     |
| S-7     | 4/14/1995  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.85        | 5.82                       | 15.03                    | NA                        | NA                     |
| S-7     | 7/28/1995  | 170            | 1.7         | <0.5        | <0.5        | 2.2         | NA                     | NA                     | 20.85        | 6.32                       | 14.53                    | NA                        | NA                     |
| S-7     | 10/17/1995 | 100            | <0.5        | 0.6         | <0.5        | <0.5        | NA                     | NA                     | 20.85        | 7.07                       | 13.78                    | NA                        | NA                     |
| S-7     | 1/11/1996  | 80             | 0.6         | <0.5        | <0.5        | <0.5        | 54                     | NA                     | 20.85        | 6.10                       | 14.75                    | NA                        | NA                     |
| S-7     | 4/2/1996   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.85        | 6.14                       | 14.71                    | NA                        | NA                     |
| S-7     | 7/9/1996   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.85        | 6.40                       | 14.45                    | NA                        | NA                     |
| S-7     | 10/10/1996 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.85        | 6.70                       | 14.15                    | NA                        | NA                     |
| S-7     | 1/9/1997   | 130            | 1.4         | <0.50       | <0.50       | 0.56        | 70                     | NA                     | 20.85        | 5.25                       | 15.60                    | NA                        | NA                     |
| S-7     | 4/8/1997   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.85        | 7.15                       | 13.70                    | NA                        | NA                     |
| S-7     | 7/21/1997  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.85        | 6.67                       | 14.18                    | NA                        | NA                     |
| S-7     | 10/8/1997  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.85        | 7.26                       | 13.59                    | NA                        | NA                     |
| S-7     | 1/15/1998  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | 39                     | NA                     | 20.85        | 5.51                       | 15.34                    | NA                        | NA                     |
| S-7     | 4/14/1998  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.85        | 5.45                       | 15.40                    | NA                        | NA                     |
| S-7     | 7/14/1998  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 6.48                       | 14.55                    | NA                        | NA                     |
| S-7     | 10/20/1998 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 7.37                       | 13.66                    | NA                        | NA                     |
| S-7     | 1/22/1999  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | 97.8                   | NA                     | 21.03        | 6.21                       | 14.82                    | NA                        | NA                     |
| S-7     | 4/8/1999   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 5.30                       | 15.73                    | NA                        | NA                     |
| S-7     | 7/23/1999  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 7.12                       | 13.91                    | NA                        | NA                     |
| S-7     | 10/26/1999 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 7.54                       | 13.49                    | NA                        | NA                     |
| S-7     | 1/3/2000   | 615            | 8.73        | 2.90        | 4.00        | 7.17        | 17.0                   | NA                     | 21.03        | 7.73                       | 13.30                    | NA                        | NA                     |
| S-7     | 4/14/2000  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 6.27                       | 14.76                    | NA                        | NA                     |
| S-7     | 7/12/2000  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 6.97                       | 14.06                    | NA                        | NA                     |
| S-7     | 11/1/2000  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 6.43                       | 14.60                    | NA                        | NA                     |
| S-7     | 1/3/2001   | 460            | 6.68        | <0.500      | 0.712       | 0.596       | 10.2                   | NA                     | 21.03        | 7.27                       | 13.76                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-7     | 4/24/2001  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 6.75                       | 14.28                    | NA                        | NA                     |
| S-7     | 7/2/2001   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 7.55                       | 13.48                    | NA                        | NA                     |
| S-7     | 11/2/2001  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 7.80                       | 13.23                    | NA                        | NA                     |
| S-7     | 1/16/2002  | 360            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 21.03        | 6.11                       | 14.92                    | NA                        | NA                     |
| S-7     | 4/1/2002   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 6.54                       | 14.49                    | NA                        | NA                     |
| S-7     | 7/11/2002  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.03        | 7.37                       | 13.66                    | NA                        | NA                     |
| S-7     | 10/28/2002 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.01        | 7.97                       | 13.04                    | NA                        | NA                     |
| S-7     | 1/23/2003  | 160            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 21.01        | 6.45                       | 14.56                    | NA                        | NA                     |
| S-7     | 4/30/2003  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.01        | 6.14                       | 14.87                    | NA                        | NA                     |
| S-7     | 7/1/2003   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.01        | 7.28                       | 13.73                    | NA                        | NA                     |
| S-7     | 10/8/2003  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.01        | 7.78                       | 13.23                    | NA                        | NA                     |
| S-7     | 1/22/2004  | 140            | <0.50       | <0.50       | 0.51        | <1.0        | NA                     | NA                     | 21.01        | 6.93                       | 14.08                    | NA                        | NA                     |
| S-7     | 7/13/2004  | 150            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | 17                     | 21.01        | 7.88                       | 13.13                    | NA                        | NA                     |
| S-7     | 1/20/2005  | 200 a          | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 21.01        | 5.68                       | 15.33                    | NA                        | NA                     |
| S-7     | 7/19/2005  | 140 a          | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 21.01        | 6.18                       | 14.83                    | NA                        | NA                     |
| S-7     | 1/27/2006  | 69.8           | <0.500      | <0.500      | <0.500      | <0.500      | NA                     | NA                     | 21.01        | 6.11                       | 14.90                    | NA                        | NA                     |
| S-7     | 7/25/2006  | 78.6           | <1.00       | <1.00       | <1.00       | <3.00       | NA                     | NA                     | 21.01        | 7.01                       | 14.00                    | NA                        | NA                     |
| S-7     | 1/4/2007   | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 21.01        | 6.70                       | 14.31                    | NA                        | NA                     |
| S-7     | 7/24/2007  | 63 g,h         | <0.50       | <1.0        | <1.0        | <1.0        | NA                     | NA                     | 21.01        | 7.54                       | 13.47                    | NA                        | NA                     |
| S-7     | 1/15/2008  | 160 g,h        | <0.50       | <1.0        | <1.0        | <1.0        | NA                     | NA                     | 21.01        | 6.08                       | 14.93                    | NA                        | NA                     |
| S-7     | 8/4/2008   | 72             | <0.50       | <1.0        | <1.0        | <1.0        | NA                     | NA                     | 21.01        | 7.78                       | 13.23                    | NA                        | NA                     |
| S-8     | 11/16/1988 | 210            | 5.0         | <1          | 1.0         | 5.0         | NA                     | NA                     | 20.72        | 7.76                       | 12.96                    | NA                        | NA                     |
| S-8     | 2/27/1989  | <50            | 2.4         | <1          | <1          | <3          | NA                     | NA                     | 20.72        | NA                         | NA                       | NA                        | NA                     |
| S-8     | 5/4/1989   | <50            | 7.5         | <1          | 2.0         | <3          | NA                     | NA                     | 20.72        | NA                         | NA                       | NA                        | NA                     |
| S-8     | 8/10/1989  | <50            | 0.6         | <1          | <1          | <3          | NA                     | NA                     | 20.72        | 7.79                       | 12.93                    | NA                        | NA                     |
| S-8     | 10/10/1989 | <50            | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 20.72        | 7.84                       | 12.88                    | NA                        | NA                     |
| S-8     | 1/25/1990  | <50            | <0.5        | <0.5        | <0.5        | <1          | NA                     | NA                     | 20.72        | 7.47                       | 13.25                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-8     | 4/18/1990  | <50            | <0.5        | <0.5        | <0.5        | <1          | NA                     | NA                     | 20.72        | 7.59                       | 13.13                    | NA                        | NA                     |
| S-8     | 7/23/1990  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.72        | 7.49                       | 13.23                    | NA                        | NA                     |
| S-8     | 10/18/1990 | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.72        | 8.44                       | 12.28                    | NA                        | NA                     |
| S-8     | 1/28/1991  | <50            | 55          | 0.5         | <0.5        | 1.4         | NA                     | NA                     | 20.72        | 8.28                       | 12.44                    | NA                        | NA                     |
| S-8     | 4/25/1991  | 130a           | 19          | <0.5        | 1.3         | 1.1         | NA                     | NA                     | 20.72        | 6.72                       | 14.00                    | NA                        | NA                     |
| S-8     | 7/9/1991   | 200            | 33          | <0.5        | 1.8         | 2.8         | NA                     | NA                     | 20.72        | 7.98                       | 12.74                    | NA                        | NA                     |
| S-8     | 10/8/1991  | 580            | 95          | 2.2         | 4.9         | 6.5         | NA                     | NA                     | 20.72        | 8.55                       | 12.17                    | NA                        | NA                     |
| S-8     | 2/5/1992   | 90a            | 18          | <0.5        | 6.2         | 1.8         | NA                     | NA                     | 20.72        | 7.50                       | 13.22                    | NA                        | NA                     |
| S-8     | 4/28/1992  | <50            | 5.9         | <0.5        | 2.5         | <0.5        | NA                     | NA                     | 20.72        | 7.14                       | 13.58                    | NA                        | NA                     |
| S-8     | 7/27/1992  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.72        | 8.06                       | 12.66                    | NA                        | NA                     |
| S-8     | 10/26/1992 | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.72        | 8.58                       | 12.14                    | NA                        | NA                     |
| S-8     | 1/14/1993  | 270            | 74          | 0.9         | 25          | 5.5         | NA                     | NA                     | 20.72        | 5.32                       | 15.40                    | NA                        | NA                     |
| S-8     | 4/16/1993  | 1100           | 420         | <0.5        | 200         | 20          | NA                     | NA                     | 20.72        | 5.76                       | 14.96                    | NA                        | NA                     |
| S-8     | 7/23/1993  | 160            | 23          | <0.5        | 1.2         | 1.5         | NA                     | NA                     | 20.72        | 7.29                       | 13.43                    | NA                        | NA                     |
| S-8     | 10/27/1993 | 420            | 650         | 0.7         | 11          | 1.7         | NA                     | NA                     | 20.72        | 7.93                       | 12.79                    | NA                        | NA                     |
| S-8     | 1/27/1994  | 290            | 65          | <1          | 6.9         | 2.4         | NA                     | NA                     | 20.72        | 6.31                       | 14.41                    | NA                        | NA                     |
| S-8     | 5/5/1994   | 120            | 13          | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.32        | 6.84                       | 13.48                    | NA                        | NA                     |
| S-8     | 7/26/1994  | 115            | 12.2        | 1.3         | <0.3        | 2.7         | NA                     | NA                     | 20.32        | 7.42                       | 12.90                    | NA                        | NA                     |
| S-8     | 10/28/1994 | 733            | 75.9        | 3.2         | 4.9         | 4.2         | NA                     | NA                     | 20.32        | 7.56                       | 12.76                    | NA                        | NA                     |
| S-8     | 1/2/1995   | 290            | 54          | <0.5        | 10          | <0.5        | NA                     | NA                     | 20.32        | 6.19                       | 14.13                    | NA                        | NA                     |
| S-8     | 4/14/1995  | 230            | 68          | <0.5        | 10          | 2.4         | NA                     | NA                     | 20.32        | 5.54                       | 14.78                    | NA                        | NA                     |
| S-8     | 7/28/1995  | 290            | 44          | <0.5        | 8.0         | <0.5        | NA                     | NA                     | 20.32        | 6.28                       | 14.04                    | NA                        | NA                     |
| S-8     | 10/17/1995 | 190            | 24          | <0.5        | 1.0         | 0.9         | NA                     | NA                     | 20.32        | 6.64                       | 13.68                    | NA                        | NA                     |
| S-8     | 1/11/1996  | 400            | 85          | 1.1         | 13          | 3.4         | 2.3                    | NA                     | 20.32        | 5.96                       | 14.36                    | NA                        | NA                     |
| S-8     | 4/2/1996   | 300            | 110         | 0.7         | 4.9         | 0.9         | <2                     | NA                     | 20.32        | 5.21                       | 15.11                    | NA                        | NA                     |
| S-8     | 7/9/1996   | <50            | 5.4         | <0.50       | 0.63        | <0.50       | <2.5                   | NA                     | 20.32        | 6.05                       | 14.27                    | NA                        | NA                     |
| S-8     | 10/10/1996 | 150            | 0.53        | 0.66        | 2.3         | 1.0         | 8.9                    | NA                     | 20.32        | 6.83                       | 13.49                    | NA                        | NA                     |
| S-8     | 1/9/1997   | 240            | 27          | <0.50       | 2.4         | <0.50       | 5.8                    | NA                     | 20.32        | 4.51                       | 15.81                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|-------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-8     | 4/8/1997   | 220               | 27          | 0.62        | 1.9         | 0.71        | 5.7                    | NA                     | 20.32        | 6.50                       | 13.82                    | NA                        | NA                     |
| S-8     | 7/21/1997  | 1200              | 140         | 2.8         | 21          | 5.0         | 27                     | NA                     | 20.32        | 6.36                       | 13.96                    | NA                        | NA                     |
| S-8 (D) | 7/21/1997  | 1200              | 120         | <2.0        | 19          | 3.9         | 25                     | NA                     | 20.32        | NA                         | NA                       | NA                        | NA                     |
| S-8     | 10/8/1997  | 690               | 92          | 1.4         | 25          | 2.0         | <2.5                   | NA                     | 20.32        | 6.83                       | 13.49                    | NA                        | NA                     |
| S-8 (D) | 10/8/1997  | 700               | 95          | 1.3         | 26          | 1.9         | <2.5                   | NA                     | 20.32        | NA                         | NA                       | NA                        | NA                     |
| S-8     | 1/15/1998  | 460               | 110         | 1.0         | 3.4         | 1.7         | <5.0                   | NA                     | 20.32        | 4.30                       | 16.02                    | NA                        | NA                     |
| S-8     | 4/14/1998  | 780               | 190         | 2.9         | 15          | 3.4         | <2.5                   | NA                     | 20.32        | 4.68                       | 15.64                    | NA                        | NA                     |
| S-8     | 7/14/1998  | 1600              | 240         | <5.0        | 36          | <5.0        | <25                    | NA                     | 20.36        | 6.36                       | 14.00                    | NA                        | NA                     |
| S-8     | 10/20/1998 | 700               | 55          | <5.0        | <5.0        | <5.0        | 49                     | NA                     | 20.36        | 6.91                       | 13.45                    | NA                        | NA                     |
| S-8     | 1/22/1999  | <50.0             | 5.83        | <0.500      | 0.919       | <0.500      | <2.00                  | NA                     | 20.36        | 5.97                       | 14.39                    | NA                        | NA                     |
| S-8     | 4/8/1999   | 684               | 10.6        | 1.3         | 9.75        | 1.0         | 10.5                   | NA                     | 20.36        | 5.01                       | 15.35                    | NA                        | NA                     |
| S-8     | 7/23/1999  | 1540              | 86.5        | 5.20        | 5.30        | 6.35        | <25.0                  | NA                     | 20.36        | 6.61                       | 13.75                    | NA                        | NA                     |
| S-8     | 10/26/1999 | 1680              | 116         | <2.50       | 22.4        | 5.58        | <12.5                  | NA                     | 20.36        | 6.95                       | 13.41                    | NA                        | NA                     |
| S-8     | 1/3/2000   | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 20.36        | NA                         | NA                       | NA                        | NA                     |
| S-8     | 4/14/2000  | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 20.36        | NA                         | NA                       | NA                        | NA                     |
| S-8     | 7/12/2000  | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 20.36        | NA                         | NA                       | NA                        | NA                     |
| S-8     | 11/1/2000  | 2300              | 118         | 12.4        | 51.7        | <2.50       | <12.5                  | NA                     | 20.36        | 5.68                       | 14.68                    | NA                        | NA                     |
| S-8     | 1/3/2001   | 263               | 4.34        | 0.620       | <0.500      | 0.643       | 5.40                   | NA                     | 20.36        | 6.95                       | 13.41                    | NA                        | NA                     |
| S-8     | 4/24/2001  | 680               | 12          | <0.50       | 0.86        | <0.50       | NA                     | <0.50                  | 20.36        | 6.25                       | 14.11                    | NA                        | NA                     |
| S-8     | 7/2/2001   | 330               | 2.5         | <0.50       | 0.86        | <0.50       | NA                     | <5.0                   | 20.36        | 7.00                       | 13.36                    | NA                        | NA                     |
| S-8     | 11/2/2001  | 1300              | 71          | 0.84        | 14          | 1.7         | NA                     | <5.0                   | 20.36        | 7.44                       | 12.92                    | NA                        | NA                     |
| S-8     | 1/16/2002  | <50               | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.36        | 5.67                       | 14.69                    | NA                        | NA                     |
| S-8     | 4/1/2002   | 330               | 2.2         | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.36        | 5.99                       | 14.37                    | NA                        | NA                     |
| S-8     | 7/11/2002  | 1400              | 55          | 0.83        | 5.3         | 0.71        | NA                     | <5.0                   | 20.36        | 6.94                       | 13.42                    | NA                        | NA                     |
| S-8     | 10/28/2002 | 660               | 6.2         | 0.63        | 0.76        | <0.50       | NA                     | <0.50                  | 20.36        | 7.50                       | 12.86                    | NA                        | 1.1                    |
| S-8     | 1/23/2003  | 1600              | 30          | 0.56        | 6.7         | <0.50       | NA                     | <5.0                   | 20.36        | 5.99                       | 14.37                    | NA                        | NA                     |
| S-8     | 4/30/2003  | 890               | 13          | <0.50       | 0.59        | <1.0        | NA                     | <5.0                   | 20.36        | 5.30                       | 15.06                    | NA                        | NA                     |
| S-8     | 7/1/2003   | 1800              | 68          | 1.3         | 2.6         | 1.2         | NA                     | <0.50                  | 20.36        | 6.87                       | 13.49                    | NA                        | 1.0                    |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID    | Date            | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|------------|-----------------|----------------|-----------------|----------------|----------------|----------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-8        | 10/8/2003       | 220            | 1.3             | <0.50          | <0.50          | <1.0           | NA                     | <0.50                  | 20.36        | 7.27                       | 13.09                    | NA                        | NA                     |
| S-8        | 1/22/2004       | 1000           | 6.7             | <0.50          | 0.61           | <1.0           | NA                     | NA                     | 20.36        | 6.50                       | 13.86                    | NA                        | NA                     |
| S-8        | 7/13/2004       | 2000           | 100             | 1.7            | 5.7            | <2.0           | NA                     | <1.0                   | 20.36        | 7.41                       | 12.95                    | NA                        | NA                     |
| S-8        | 1/20/2005       | 380            | 4.3             | <0.50          | <0.50          | <1.0           | NA                     | NA                     | 20.36        | 5.02                       | 15.34                    | NA                        | NA                     |
| S-8        | 7/19/2005       | 120            | 1.2             | <0.50          | <0.50          | <1.0           | NA                     | NA                     | 20.36        | 5.82                       | 14.54                    | NA                        | NA                     |
| S-8        | 1/27/2006       | 494            | 2.42            | <0.500         | <0.500         | <0.500         | NA                     | NA                     | 20.36        | 5.51                       | 14.85                    | NA                        | NA                     |
| S-8        | 7/25/2006       | 382            | 2.05            | <1.00          | <1.00          | <3.00          | NA                     | NA                     | 20.36        | 6.66                       | 13.70                    | NA                        | NA                     |
| S-8        | 1/4/2007        | <50            | <0.50           | <0.50          | <0.50          | <1.0           | NA                     | NA                     | 20.36        | 6.13                       | 14.23                    | NA                        | NA                     |
| S-8        | 7/24/2007       | 210 g,h        | 1.2             | <1.0           | <1.0           | <1.0           | NA                     | NA                     | 20.36        | 6.92                       | 13.44                    | NA                        | NA                     |
| S-8        | 1/15/2008       | 560 g,h        | 5.3             | <1.0           | 0.31 i         | <1.0           | NA                     | NA                     | 20.36        | 5.32                       | 15.04                    | NA                        | NA                     |
| <b>S-8</b> | <b>8/4/2008</b> | <b>200</b>     | <b>&lt;0.50</b> | <b>&lt;1.0</b> | <b>&lt;1.0</b> | <b>&lt;1.0</b> | <b>NA</b>              | <b>NA</b>              | <b>20.36</b> | <b>6.98</b>                | <b>13.38</b>             | <b>NA</b>                 | <b>NA</b>              |
| S-9        | 11/16/1988      | 1400           | 69              | 3.0            | 52             | 180            | NA                     | NA                     | 20.96        | 7.78                       | 13.18                    | NA                        | NA                     |
| S-9        | 2/27/1989       | 1600           | 240             | 4.0            | 130            | 180            | NA                     | NA                     | 20.96        | NA                         | NA                       | NA                        | NA                     |
| S-9        | 5/4/1989        | 2600           | 470             | 10             | 240            | 480            | NA                     | NA                     | 20.96        | NA                         | NA                       | NA                        | NA                     |
| S-9        | 8/10/1989       | 520            | 73              | <10            | 40             | <30            | NA                     | NA                     | 20.96        | 7.82                       | 13.14                    | NA                        | NA                     |
| S-9        | 10/10/1989      | 380            | 82              | <1             | 46             | 13             | NA                     | NA                     | 20.96        | 7.87                       | 13.09                    | NA                        | NA                     |
| S-9        | 1/25/1990       | 750            | 140             | 1.2            | 69             | 75             | NA                     | NA                     | 20.96        | 7.41                       | 13.55                    | NA                        | NA                     |
| S-9        | 4/18/1990       | 680            | 150             | 1.7            | 50             | 37             | NA                     | NA                     | 20.96        | 7.65                       | 13.31                    | NA                        | NA                     |
| S-9        | 7/23/1990       | 490            | 94              | 1.2            | 32             | 24             | NA                     | NA                     | 20.96        | 7.58                       | 13.38                    | NA                        | NA                     |
| S-9        | 10/18/1990      | 390            | 140             | 0.7            | 3.3            | 24             | NA                     | NA                     | 20.96        | 8.46                       | 12.50                    | NA                        | NA                     |
| S-9        | 1/28/1991       | 1040           | 450             | 4.6            | 85             | 97             | NA                     | NA                     | 20.96        | 8.29                       | 12.67                    | NA                        | NA                     |
| S-9        | 4/25/1991       | 5800           | 880             | 9.0            | 360            | 500            | NA                     | NA                     | 20.96        | 6.09                       | 14.87                    | NA                        | NA                     |
| S-9        | 7/9/1991        | 1400           | 220             | 2.8            | 82             | 100            | NA                     | NA                     | 20.96        | 7.82                       | 13.14                    | NA                        | NA                     |
| S-9        | 10/8/1991       | 890            | 960             | <2.5           | 16             | 29             | NA                     | NA                     | 20.96        | 8.55                       | 12.41                    | NA                        | NA                     |
| S-9        | 2/5/1992        | 950            | 240             | <2.5           | 28             | 55             | NA                     | NA                     | 20.96        | 6.96                       | 14.00                    | NA                        | NA                     |
| S-9        | 4/28/1992       | 1400a          | 290             | 3.0            | 100            | 81             | NA                     | NA                     | 20.96        | 6.76                       | 14.20                    | NA                        | NA                     |
| S-9        | 7/27/1992       | 890            | 190             | <2.5           | 66             | 68             | NA                     | NA                     | 20.96        | 8.10                       | 12.86                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-9     | 10/26/1992 | 650            | 160         | <2.5        | 63          | 89          | NA                     | NA                     | 20.96        | 8.53                       | 12.43                    | NA                        | NA                     |
| S-9     | 1/13/1993  | 19000          | 2400        | 38          | 1700        | 2200        | NA                     | NA                     | 20.96        | 6.80                       | 14.16                    | NA                        | NA                     |
| S-9     | 4/16/1993  | 10000          | 1500        | <5          | 1100        | 990         | NA                     | NA                     | 20.96        | 6.28                       | 14.68                    | NA                        | NA                     |
| S-9     | 7/23/1993  | 1100           | 400         | <5          | 260         | 160         | NA                     | NA                     | 20.96        | 7.26                       | 13.70                    | NA                        | NA                     |
| S-9     | 10/27/1993 | 2500           | 400         | <5          | 190         | 110         | NA                     | NA                     | 20.96        | 8.00                       | 12.96                    | NA                        | NA                     |
| S-9     | 1/27/1994  | 4800           | 990         | 16          | 630         | 490         | NA                     | NA                     | 20.96        | 5.96                       | 15.00                    | NA                        | NA                     |
| S-9     | 5/5/1994   | 3700           | 480         | <5          | 21          | 120         | NA                     | NA                     | 20.68        | 6.99                       | 13.69                    | NA                        | NA                     |
| S-9     | 7/26/1994  | 1000           | 124.6       | <0.3        | 35.8        | 28.6        | NA                     | NA                     | 20.68        | 7.56                       | 13.12                    | NA                        | NA                     |
| S-9     | 10/28/1994 | 979            | 80.3        | 7.0         | 21.7        | 29.2        | NA                     | NA                     | 20.68        | 7.78                       | 12.90                    | NA                        | NA                     |
| S-9     | 1/2/1995   | 3900           | 540         | 2.4         | 350         | 150         | NA                     | NA                     | 20.68        | 6.29                       | 14.39                    | NA                        | NA                     |
| S-9     | 4/14/1995  | 5100           | 1000        | <10         | 380         | 230         | NA                     | NA                     | 20.68        | 5.69                       | 14.99                    | NA                        | NA                     |
| S-9     | 7/28/1995  | 4600           | 680         | <10         | 120         | 47          | NA                     | NA                     | 20.68        | 6.61                       | 14.07                    | NA                        | NA                     |
| S-9     | 10/17/1995 | 1600           | 150         | <0.5        | 42          | 15          | NA                     | NA                     | 20.68        | 7.00                       | 13.68                    | NA                        | NA                     |
| S-9     | 1/11/1996  | 6800           | 1100        | 12          | 720         | 95          | 24                     | NA                     | 20.68        | 6.20                       | 14.48                    | NA                        | NA                     |
| S-9     | 4/2/1996   | 6000           | 1300        | 8.3         | 430         | 99          | 49                     | NA                     | 20.68        | 5.19                       | 15.49                    | NA                        | NA                     |
| S-9 (D) | 4/2/1996   | 6500           | 1200        | 8.3         | 410         | 90          | <20                    | NA                     | 20.68        | NA                         | NA                       | NA                        | NA                     |
| S-9     | 7/9/1996   | 3400           | 680         | 6.7         | 54          | 31          | <25                    | NA                     | 20.68        | 6.43                       | 14.25                    | NA                        | NA                     |
| S-9 (D) | 7/9/1996   | 3300           | 730         | <5.0        | 58          | 28          | <25                    | NA                     | 20.68        | NA                         | NA                       | NA                        | NA                     |
| S-9     | 10/10/1996 | 6600           | 1200        | <10         | 160         | <10         | 70                     | NA                     | 20.68        | 7.08                       | 13.60                    | NA                        | NA                     |
| S-9 (D) | 10/10/1996 | 6100           | 1000        | <10         | 200         | 15          | 65                     | NA                     | 20.68        | NA                         | NA                       | NA                        | NA                     |
| S-9     | 1/9/1997   | 12000          | 1400        | <25         | 1000        | 39          | <125                   | NA                     | 20.68        | 5.03                       | 15.65                    | NA                        | NA                     |
| S-9     | 4/8/1997   | 6600           | 920         | 10          | 230         | 26          | 150                    | NA                     | 20.68        | 6.78                       | 13.90                    | NA                        | NA                     |
| S-9     | 7/21/1997  | 7800           | 860         | 13          | 260         | 14          | 87                     | NA                     | 20.68        | 6.77                       | 13.91                    | NA                        | NA                     |
| S-9     | 10/8/1997  | 4600           | 320         | <10         | 61          | <10         | 28                     | NA                     | 20.68        | 6.92                       | 13.76                    | NA                        | NA                     |
| S-9     | 1/15/1998  | 9300           | 1000        | <10         | 730         | 24          | <50                    | NA                     | 20.68        | 4.50                       | 16.18                    | NA                        | NA                     |
| S-9     | 4/14/1998  | 12000          | 1200        | <2.5        | 960         | <2.5        | <12                    | NA                     | 20.68        | 4.35                       | 16.33                    | NA                        | NA                     |
| S-9 (D) | 4/14/1998  | 12000          | 1200        | <2.5        | 930         | <2.5        | <12                    | NA                     | 20.68        | NA                         | NA                       | NA                        | NA                     |
| S-9     | 7/14/1998  | 12000          | 1700        | <25         | 990         | 39          | <125                   | NA                     | 20.68        | 5.95                       | 14.73                    | NA                        | NA                     |



**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-9 (D) | 7/14/1998  | 11000          | 1800        | <25         | 650         | <25         | <125                   | NA                     | 20.68        | NA                         | NA                       | NA                        | NA                     |
| S-9     | 10/20/1998 | 14000          | 1600        | <25         | 560         | <25         | 340                    | NA                     | 20.68        | 7.03                       | 13.65                    | NA                        | NA                     |
| S-9 (D) | 10/20/1998 | 11000          | 1100        | <10         | 230         | <10         | 100                    | NA                     | 20.68        | NA                         | NA                       | NA                        | NA                     |
| S-9     | 1/22/1999  | 9900           | 1030        | 26.7        | 819         | 27.5        | 46.8                   | NA                     | 20.68        | 6.01                       | 14.67                    | NA                        | NA                     |
| S-9     | 4/8/1999   | 17900          | 1450        | <50.0       | 1610        | 73.8        | <500                   | NA                     | 20.68        | 5.25                       | 15.43                    | NA                        | NA                     |
| S-9     | 7/23/1999  | 12200          | 1020        | <20.0       | 536         | <20.0       | <200                   | NA                     | 20.68        | 6.71                       | 13.97                    | NA                        | NA                     |
| S-9     | 10/26/1999 | 9580           | 1170        | 11.9        | 566         | 23.1        | <50.0                  | NA                     | 20.68        | 7.27                       | 13.41                    | NA                        | NA                     |
| S-9     | 10/26/1999 | 9580           | 1170        | 11.9        | 566         | 23.1        | <50.0                  | NA                     | 20.68        | 7.27                       | 13.41                    | NA                        | NA                     |
| S-9     | 1/3/2000   | 9660           | 689         | <50.0       | 640         | <50.0       | <250                   | NA                     | 20.68        | 7.47                       | 13.21                    | NA                        | NA                     |
| S-9     | 4/14/2000  | 14000          | 1040        | <50.0       | 1210        | <50.0       | <250                   | NA                     | 20.68        | 5.75                       | 14.93                    | NA                        | NA                     |
| S-9     | 7/12/2000  | 13200          | 1360        | 33.9        | 552         | 26.8        | <100                   | NA                     | 20.68        | 6.63                       | 14.05                    | NA                        | NA                     |
| S-9     | 11/1/2000  | 9120           | 928         | 13.5        | 468         | <10.0       | <50.0                  | NA                     | 20.68        | 5.50                       | 15.18                    | NA                        | NA                     |
| S-9     | 1/3/2001   | 355            | 19.8        | 0.732       | 2.23        | 0.630       | 5.09                   | NA                     | 20.68        | 7.11                       | 13.57                    | NA                        | NA                     |
| S-9     | 4/24/2001  | 3500           | 300         | 1.7         | 150         | 1.7         | NA                     | <1.0                   | 20.68        | 6.30                       | 14.38                    | NA                        | NA                     |
| S-9     | 7/2/2001   | 88             | 3.8         | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.68        | 8.18                       | 12.50                    | NA                        | 2.6                    |
| S-9     | 11/2/2001  | 210            | 9.5         | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.68        | 8.40                       | 12.28                    | NA                        | 16.4                   |
| S-9     | 1/16/2002  | 15000          | 520         | 4.9         | 580         | 7.1         | NA                     | <20                    | 20.68        | 5.71                       | 14.97                    | NA                        | 0.5                    |
| S-9     | 4/1/2002   | 15000          | 530         | 5.1         | 920         | 7.8         | NA                     | <25                    | 20.68        | 5.99                       | 14.69                    | NA                        | 3.0                    |
| S-9     | 7/11/2002  | 10000          | 520         | 5.3         | 97          | 5.8         | NA                     | <25                    | 20.68        | 6.99                       | 13.69                    | NA                        | 0.5                    |
| S-9     | 10/28/2002 | 11000          | 580         | 6.2         | 65          | 5.3         | NA                     | <2.5                   | 20.70        | 7.63                       | 13.07                    | NA                        | 1.0                    |
| S-9     | 1/23/2003  | 9300           | 400         | 5.6         | 320         | 6.5         | NA                     | <5.0                   | 20.70        | 5.96                       | 14.74                    | NA                        | 0.5                    |
| S-9     | 4/30/2003  | 180            | 4.2         | <0.50       | 3.7         | <1.0        | NA                     | <5.0                   | 20.70        | 5.20                       | 15.50                    | NA                        | 7.0                    |
| S-9     | 7/1/2003   | 2200           | 71          | 0.94        | 6.4         | <1.0        | NA                     | <0.50                  | 20.70        | 7.78                       | 12.92                    | NA                        | 0.9                    |
| S-9     | 10/8/2003  | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | <0.50                  | 20.70        | 7.38                       | 13.32                    | NA                        | 16.2                   |
| S-9     | 1/22/2004  | 1400           | 26          | <1.0        | 14          | 12          | NA                     | NA                     | 20.70        | 6.51                       | 14.19                    | NA                        | 0.7                    |
| S-9     | 7/13/2004  | 1900           | 36          | <1.0        | 2.0         | <2.0        | NA                     | <1.0                   | 20.70        | 8.51                       | 12.19                    | NA                        | 17.1                   |
| S-9     | 1/20/2005  | 3600           | 60          | 1.2         | 50          | <2.0        | NA                     | NA                     | 20.70        | 5.80                       | 14.90                    | NA                        | 0.4                    |
| S-9     | 7/19/2005  | 2800           | 42          | 1.4         | 18          | <2.0        | NA                     | NA                     | 20.70        | 7.50                       | 13.20                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-9     | 1/27/2006  | 16800          | 152         | 4.74        | 165         | 6.77        | NA                     | NA                     | 20.70        | 6.40                       | 14.30                    | NA                        | NA                     |
| S-9     | 7/25/2006  | 22500          | 79.3        | 2.32        | 27.2        | <3.00       | NA                     | NA                     | 20.70        | 6.92                       | 13.78                    | NA                        | NA                     |
| S-9     | 1/4/2007   | 5800           | 82          | 3.2         | 110         | <5.0        | NA                     | NA                     | 20.70        | 6.40                       | 14.30                    | NA                        | NA                     |
| S-9     | 7/24/2007  | 8900 g,h       | 91          | 3.4 i       | 22          | <10         | NA                     | NA                     | 20.70        | 7.19                       | 13.51                    | NA                        | NA                     |
| S-9     | 1/15/2008  | 11,000 g,h     | 68          | 3.5 i       | 68          | 4.5 i       | NA                     | NA                     | 20.70        | 5.20                       | 15.50                    | NA                        | NA                     |
| S-9     | 8/4/2008   | 8,200          | 50          | 2.6         | 12          | 3.6         | NA                     | NA                     | 20.70        | 7.38                       | 13.32                    | NA                        | NA                     |
| S-10    | 11/16/1988 | 330            | 0.5         | <1          | 1.0         | 11          | NA                     | NA                     | 20.86        | 7.91                       | 12.95                    | NA                        | NA                     |
| S-10    | 2/27/1989  | 140            | <0.5        | <3          | 2.0         | 6.0         | NA                     | NA                     | 20.86        | NA                         | NA                       | NA                        | NA                     |
| S-10    | 5/3/1989   | 220            | <0.5        | 1.0         | 2.0         | 7.0         | NA                     | NA                     | 20.86        | NA                         | NA                       | NA                        | NA                     |
| S-10    | 8/10/1989  | <50            | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 20.86        | 7.94                       | 12.92                    | NA                        | NA                     |
| S-10    | 10/9/1989  | 170            | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 20.86        | 7.99                       | 12.87                    | NA                        | NA                     |
| S-10    | 1/25/1990  | <50            | <0.5        | <0.5        | 1.1         | 4.0         | NA                     | NA                     | 20.86        | 7.56                       | 13.30                    | NA                        | NA                     |
| S-10    | 4/18/1990  | <50            | <0.5        | 0.9         | <0.5        | 2.0         | NA                     | NA                     | 20.86        | 7.71                       | 13.15                    | NA                        | NA                     |
| S-10    | 7/23/1990  | 590            | <0.5        | <0.5        | 1.9         | 19          | NA                     | NA                     | 20.86        | 7.64                       | 13.22                    | NA                        | NA                     |
| S-10    | 10/18/1990 | 140            | <0.5        | 0.7         | <0.5        | 7.0         | NA                     | NA                     | 20.86        | 8.58                       | 12.28                    | NA                        | NA                     |
| S-10    | 1/28/1991  | <50            | <0.5        | <0.5        | <0.5        | 0.5         | NA                     | NA                     | 20.86        | 8.35                       | 12.51                    | NA                        | NA                     |
| S-10    | 4/25/1991  | <50            | <0.5        | <0.5        | 1.1         | 0.8         | NA                     | NA                     | 20.69        | 6.91                       | 13.78                    | NA                        | NA                     |
| S-10    | 7/9/1991   | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.69        | 8.14                       | 12.55                    | NA                        | NA                     |
| S-10    | 10/8/1991  | 140            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.69        | 8.70                       | 11.99                    | NA                        | NA                     |
| S-10    | 2/5/1992   | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.69        | 7.57                       | 13.12                    | NA                        | NA                     |
| S-10    | 4/28/1992  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.69        | 7.20                       | 13.49                    | NA                        | NA                     |
| S-10    | 7/27/1992  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.69        | 8.17                       | 12.52                    | NA                        | NA                     |
| S-10    | 10/26/1992 | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.69        | 8.68                       | 12.01                    | NA                        | NA                     |
| S-10    | 1/13/1993  | 88             | <0.5        | 0.6         | 0.6         | <0.5        | NA                     | NA                     | 20.69        | 3.78                       | 16.91                    | NA                        | NA                     |
| S-10    | 4/16/1993  | 80             | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.69        | 6.46                       | 14.23                    | NA                        | NA                     |
| S-10    | 7/23/1993  | <50            | 1.5         | <0.5        | 0.7         | 2.7         | NA                     | NA                     | 20.69        | 7.38                       | 13.31                    | NA                        | NA                     |
| S-10    | 10/27/1993 | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.69        | 8.09                       | 12.60                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-10    | 1/27/1994  | 270            | 1.1         | 1.3         | 2.0         | 7.4         | NA                     | NA                     | 20.69        | 5.81                       | 14.88                    | NA                        | NA                     |
| S-10    | 5/5/1994   | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.15        | 6.82                       | 13.33                    | NA                        | NA                     |
| S-10    | 7/26/1994  | <50            | <0.3        | <0.3        | <0.3        | <0.6        | NA                     | NA                     | 20.15        | 7.40                       | 12.75                    | NA                        | NA                     |
| S-10    | 10/28/1994 | <50            | 2.4         | <0.3        | 0.5         | 0.8         | NA                     | NA                     | 20.15        | 7.62                       | 12.53                    | NA                        | NA                     |
| S-10    | 1/2/1995   | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.15        | 6.13                       | 14.02                    | NA                        | NA                     |
| S-10    | 4/14/1995  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.15        | 5.60                       | 14.55                    | NA                        | NA                     |
| S-10    | 7/28/1995  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.15        | 6.44                       | 13.71                    | NA                        | NA                     |
| S-10    | 10/17/1995 | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.15        | 6.85                       | 13.30                    | NA                        | NA                     |
| S-10    | 1/11/1996  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | <2                     | NA                     | 20.15        | 6.08                       | 14.07                    | NA                        | NA                     |
| S-10    | 4/2/1996   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 5.21                       | 14.94                    | NA                        | NA                     |
| S-10    | 7/9/1996   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 6.20                       | 13.95                    | NA                        | NA                     |
| S-10    | 10/10/1996 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 6.92                       | 13.23                    | NA                        | NA                     |
| S-10    | 1/9/1997   | <50            | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 20.15        | 4.64                       | 15.51                    | NA                        | NA                     |
| S-10    | 4/8/1997   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 5.82                       | 14.33                    | NA                        | NA                     |
| S-10    | 7/21/1997  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 6.48                       | 13.67                    | NA                        | NA                     |
| S-10    | 10/8/1997  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 5.48                       | 14.67                    | NA                        | NA                     |
| S-10    | 1/15/1998  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 20.15        | 3.01                       | 17.14                    | NA                        | NA                     |
| S-10    | 4/14/1998  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 4.30                       | 15.85                    | NA                        | NA                     |
| S-10    | 7/14/1998  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 5.84                       | 14.31                    | NA                        | NA                     |
| S-10    | 10/20/1998 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 6.89                       | 13.26                    | NA                        | NA                     |
| S-10    | 1/22/1999  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.00                  | NA                     | 20.15        | 6.00                       | 14.15                    | NA                        | NA                     |
| S-10    | 4/8/1999   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 4.41                       | 15.74                    | NA                        | NA                     |
| S-10    | 7/23/1999  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 6.48                       | 13.67                    | NA                        | NA                     |
| S-10    | 10/26/1999 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 7.07                       | 13.08                    | NA                        | NA                     |
| S-10    | 1/3/2000   | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.15        | 7.27                       | 12.88                    | NA                        | NA                     |
| S-10    | 4/14/2000  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 5.75                       | 14.40                    | NA                        | NA                     |
| S-10    | 7/12/2000  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 6.17                       | 13.98                    | NA                        | NA                     |
| S-10    | 11/1/2000  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 5.63                       | 14.52                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-10    | 1/3/2001   | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.15        | 6.89                       | 13.26                    | NA                        | NA                     |
| S-10    | 4/24/2001  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 6.20                       | 13.95                    | NA                        | NA                     |
| S-10    | 7/2/2001   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 6.80                       | 13.35                    | NA                        | NA                     |
| S-10    | 11/2/2001  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 7.40                       | 12.75                    | NA                        | NA                     |
| S-10    | 1/16/2002  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.15        | 5.66                       | 14.49                    | NA                        | NA                     |
| S-10    | 4/1/2002   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 5.63                       | 14.52                    | NA                        | NA                     |
| S-10    | 7/11/2002  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.15        | 6.72                       | 13.43                    | NA                        | NA                     |
| S-10    | 10/28/2002 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.14        | 7.50                       | 12.64                    | NA                        | NA                     |
| S-10    | 1/23/2003  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.14        | 5.97                       | 14.17                    | NA                        | NA                     |
| S-10    | 4/30/2003  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.14        | 5.24                       | 14.90                    | NA                        | NA                     |
| S-10    | 7/1/2003   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.14        | 6.82                       | 13.32                    | NA                        | NA                     |
| S-10    | 10/8/2003  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.14        | 7.06                       | 13.08                    | NA                        | NA                     |
| S-10    | 1/22/2004  | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 20.14        | 6.50                       | 13.64                    | NA                        | NA                     |
| S-10    | 7/13/2004  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.14        | 7.49                       | 12.65                    | NA                        | NA                     |
| S-10    | 1/20/2005  | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 20.14        | 5.09                       | 15.05                    | NA                        | NA                     |
| S-10    | 7/19/2005  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.14        | 6.00                       | 14.14                    | NA                        | NA                     |
| S-10    | 1/27/2006  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | NA                     | NA                     | 20.14        | 5.61                       | 14.53                    | NA                        | NA                     |
| S-10    | 7/25/2006  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.14        | 6.61                       | 13.53                    | NA                        | NA                     |
| S-10    | 1/4/2007   | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 20.14        | 6.29                       | 13.85                    | NA                        | NA                     |
| S-10    | 7/24/2007  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.14        | 6.82                       | 13.32                    | NA                        | NA                     |
| S-10    | 1/15/2008  | <50 g          | <0.50       | <1.0        | <1.0        | <1.0        | NA                     | NA                     | 20.14        | 5.33                       | 14.81                    | NA                        | NA                     |
| S-10    | 8/4/2008   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.14        | 6.65                       | 13.49                    | NA                        | NA                     |
| S-11    | 11/16/1988 | <50            | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 21.26        | 8.62                       | 12.64                    | NA                        | NA                     |
| S-11    | 2/27/1989  | <50            | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 21.26        | NA                         | NA                       | NA                        | NA                     |
| S-11    | 5/3/1989   | <50            | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 21.26        | NA                         | NA                       | NA                        | NA                     |
| S-11    | 8/10/1989  | <50            | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 21.26        | 8.65                       | 12.61                    | NA                        | NA                     |
| S-11    | 10/9/1989  | <50            | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 21.26        | 8.64                       | 12.62                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date         | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|--------------|-------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-11    | 1/25/1990    | <50               | <0.5        | <0.5        | <0.5        | <1          | NA                     | NA                     | 21.26        | 8.43                       | 12.83                    | NA                        | NA                     |
| S-11    | 4/18/1990    | <50               | <0.5        | <0.5        | <0.5        | <1          | NA                     | NA                     | 21.26        | 8.42                       | 12.84                    | NA                        | NA                     |
| S-11    | 7/23/1990    | <50               | <0.5        | 0.6         | <0.5        | 1.1         | NA                     | NA                     | 21.26        | 8.23                       | 13.03                    | NA                        | NA                     |
| S-11    | 10/18/1990   | <50               | <0.5        | <0.5        | <0.5        | 0.5         | NA                     | NA                     | 21.26        | 9.20                       | 12.06                    | NA                        | NA                     |
| S-11    | 1/28/1991    | 63                | <0.5        | 3.3         | 0.9         | 7.0         | NA                     | NA                     | 21.26        | 9.13                       | 12.13                    | NA                        | NA                     |
| S-11    | 4/25/1991    | <50               | <0.5        | <0.5        | 0.8         | <0.5        | NA                     | NA                     | 21.26        | 7.53                       | 13.73                    | NA                        | NA                     |
| S-11    | 7/9/1991     | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.26        | 8.85                       | 12.41                    | NA                        | NA                     |
| S-11    | 10/8/1991    | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.26        | 9.34                       | 11.92                    | NA                        | NA                     |
| S-11    | 2/5/1991     | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.26        | 8.50                       | 12.76                    | NA                        | NA                     |
| S-11    | 4/28/1992    | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.26        | 7.80                       | 13.46                    | NA                        | NA                     |
| S-11    | 7/27/1992    | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.26        | 8.80                       | 12.46                    | NA                        | NA                     |
| S-11    | 10/26/1992   | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.26        | 9.42                       | 11.84                    | NA                        | NA                     |
| S-11    | 1/13/1993    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.26        | 6.52                       | 14.74                    | NA                        | NA                     |
| S-11    | 4/16/1993    | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.26        | 6.86                       | 14.40                    | NA                        | NA                     |
| S-11    | 7/23/1993    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.26        | 8.07                       | 13.19                    | NA                        | NA                     |
| S-11    | 10/27/1993   | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 21.26        | NA                         | NA                       | NA                        | NA                     |
| S-11    | 1/27/1994    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.26        | NA                         | NA                       | NA                        | NA                     |
| S-11    | 5/5/1994     | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.24        | 7.73                       | 13.51                    | NA                        | NA                     |
| S-11    | 7/26/1994    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 8.30                       | 12.94                    | NA                        | NA                     |
| S-11    | 10/28/1994   | <50               | <0.3        | <0.3        | <0.3        | <0.6        | NA                     | NA                     | 21.24        | 8.30                       | 12.94                    | NA                        | NA                     |
| S-11    | 1/2/1995     | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 7.25                       | 13.99                    | NA                        | NA                     |
| S-11    | 4/14/1995    | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.24        | 6.99                       | 14.25                    | NA                        | NA                     |
| S-11    | 7/28/1995    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 7.21                       | 14.03                    | NA                        | NA                     |
| S-11    | 10/17/1995   | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.24        | 7.41                       | 13.83                    | NA                        | NA                     |
| S-11    | 1/11/1996    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 6.80                       | 14.44                    | NA                        | NA                     |
| S-11    | 7/21/1997    | <50               | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 21.24        | 7.28                       | 13.96                    | NA                        | NA                     |
| S-11    | 03/18/2002 d | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.27        | NA                         | NA                       | NA                        | NA                     |
| S-11    | 1/22/2004    | <50               | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | 0.57                   | 21.27        | 7.55                       | 13.72                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|-------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-12    | 11/16/1988 | 50                | 3.5         | <1          | <1          | <3          | NA                     | NA                     | 21.05        | NA                         | NA                       | NA                        | NA                     |
| S-12    | 2/27/1989  | <50               | 0.8         | <1          | <1          | <3          | NA                     | NA                     | 21.05        | NA                         | NA                       | NA                        | NA                     |
| S-12    | 5/3/1989   | <50               | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 21.05        | NA                         | NA                       | NA                        | NA                     |
| S-12    | 8/10/1989  | <50               | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 21.05        | 8.32                       | 12.73                    | NA                        | NA                     |
| S-12    | 10/9/1989  | <50               | <0.5        | <1          | <1          | <1          | NA                     | NA                     | 21.05        | 8.32                       | 12.73                    | NA                        | NA                     |
| S-12    | 1/25/1990  | <50               | <0.5        | <0.5        | <0.5        | <1          | NA                     | NA                     | 21.05        | 8.18                       | 12.87                    | NA                        | NA                     |
| S-12    | 4/18/1990  | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.05        | 8.05                       | 13.00                    | NA                        | NA                     |
| S-12    | 7/23/1990  | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.05        | 7.92                       | 13.13                    | NA                        | NA                     |
| S-12    | 10/18/1990 | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.05        | 8.90                       | 12.15                    | NA                        | NA                     |
| S-12    | 1/28/1991  | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.05        | 8.54                       | 12.51                    | NA                        | NA                     |
| S-12    | 4/25/1991  | 90                | 5.4         | <0.5        | 1.1         | 0.7         | NA                     | NA                     | 21.05        | 7.08                       | 13.97                    | NA                        | NA                     |
| S-12    | 7/9/1991   | <50               | 2.9         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.05        | 8.42                       | 12.63                    | NA                        | NA                     |
| S-12    | 10/8/1991  | 50                | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.05        | 8.80                       | 12.25                    | NA                        | NA                     |
| S-12    | 2/5/1992   | 50a               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.05        | 8.07                       | 12.98                    | NA                        | NA                     |
| S-12    | 4/28/1992  | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.05        | 8.33                       | 12.72                    | NA                        | NA                     |
| S-12    | 7/27/1992  | 94                | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.05        | 8.55                       | 12.50                    | NA                        | NA                     |
| S-12    | 10/26/1992 | 86                | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.05        | 9.03                       | 12.02                    | NA                        | NA                     |
| S-12    | 1/14/1993  | 120               | 2.0         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.05        | 6.38                       | 14.67                    | NA                        | NA                     |
| S-12    | 4/16/1993  | 60                | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.05        | 6.56                       | 14.49                    | NA                        | NA                     |
| S-12    | 7/23/1993  | 90                | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.05        | 7.76                       | 13.29                    | NA                        | NA                     |
| S-12    | 10/27/1993 | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 21.05        | NA                         | NA                       | NA                        | NA                     |
| S-12    | 1/27/1994  | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 21.05        | NA                         | NA                       | NA                        | NA                     |
| S-12    | 5/5/1994   | <50               | 2.0         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.71        | 7.49                       | 13.22                    | NA                        | NA                     |
| S-12    | 7/26/1994  | 128               | <0.3        | <0.3        | <0.3        | <0.6        | NA                     | NA                     | 20.71        | 7.92                       | 12.79                    | NA                        | NA                     |
| S-12    | 10/28/1994 | 167               | <0.3        | <0.3        | <0.3        | <0.6        | NA                     | NA                     | 20.71        | 7.78                       | 12.93                    | NA                        | NA                     |
| S-12    | 1/2/1995   | 50                | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.71        | 7.33                       | 13.38                    | NA                        | NA                     |
| S-12    | 4/14/1995  | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.71        | 6.47                       | 14.24                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date         | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|--------------|-------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-12    | 7/28/1995    | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.71        | 6.90                       | 13.81                    | NA                        | NA                     |
| S-12    | 10/17/1995   | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.71        | 7.16                       | 13.55                    | NA                        | NA                     |
| S-12    | 1/11/1996    | <50               | <0.5        | <0.5        | <0.5        | <0.5        | 82                     | NA                     | 20.71        | 6.65                       | 14.06                    | NA                        | NA                     |
| S-12    | 7/21/1997    | <50               | <0.50       | <0.50       | <0.50       | <0.50       | 45                     | NA                     | 20.71        | 6.95                       | 13.76                    | NA                        | NA                     |
| S-12    | 03/18/2002 d | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.73        | NA                         | NA                       | NA                        | NA                     |
| S-12    | 1/22/2004    | <50               | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | 0.58                   | 20.73        | 7.30                       | 13.43                    | NA                        | NA                     |
| S-13    | 5/3/1989     | 150               | 4.9         | 4.0         | 2.0         | 14          | NA                     | NA                     | 20.57        | NA                         | NA                       | NA                        | NA                     |
| S-13    | 8/10/1989    | 110               | 2.9         | <1          | <1          | <3          | NA                     | NA                     | 20.57        | 8.00                       | 12.57                    | NA                        | NA                     |
| S-13    | 10/9/1989    | 77                | 1.4         | <1          | <1          | <3          | NA                     | NA                     | 20.57        | 7.95                       | 12.62                    | NA                        | NA                     |
| S-13    | 1/25/1990    | 51                | 0.5         | <0.5        | <0.5        | <1          | NA                     | NA                     | 20.57        | 7.79                       | 12.78                    | NA                        | NA                     |
| S-13    | 4/18/1990    | 85                | 8.7         | <0.5        | <0.5        | <1          | NA                     | NA                     | 20.57        | 7.73                       | 12.84                    | NA                        | NA                     |
| S-13    | 7/23/1990    | 80                | 0.8         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.57        | 7.63                       | 12.94                    | NA                        | NA                     |
| S-13    | 10/18/1990   | 130               | <0.5        | <0.5        | <0.5        | <5          | NA                     | NA                     | 20.57        | 8.58                       | 11.99                    | NA                        | NA                     |
| S-13    | 1/28/1991    | <50               | <0.5        | 0.9         | 1.2         | 1.0         | NA                     | NA                     | 20.57        | 8.39                       | 12.18                    | NA                        | NA                     |
| S-13    | 4/25/1991    | 440a              | 3.8         | <0.5        | <0.5        | 0.6         | NA                     | NA                     | 20.57        | 7.00                       | 13.57                    | NA                        | NA                     |
| S-13    | 7/9/1991     | 320a              | 0.6         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.57        | 8.12                       | 12.45                    | NA                        | NA                     |
| S-13    | 10/8/1991    | 310               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.57        | 8.69                       | 11.88                    | NA                        | NA                     |
| S-13    | 2/5/1992     | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 7.62                       | 12.95                    | NA                        | NA                     |
| S-13    | 4/28/1992    | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.57        | 7.15                       | 13.42                    | NA                        | NA                     |
| S-13    | 7/27/1992    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 8.20                       | 12.37                    | NA                        | NA                     |
| S-13    | 10/26/1992   | 180               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.57        | 8.73                       | 11.84                    | NA                        | NA                     |
| S-13    | 1/13/1993    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 5.06                       | 15.51                    | NA                        | NA                     |
| S-13    | 4/16/1993    | 240               | 4.8         | <0.5        | 1.3         | <0.5        | NA                     | NA                     | 20.57        | 6.38                       | 14.19                    | NA                        | NA                     |
| S-13    | 7/23/1993    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 7.45                       | 13.12                    | NA                        | NA                     |
| S-13    | 10/27/1993   | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 20.57        | NA                         | NA                       | NA                        | NA                     |
| S-13    | 1/27/1994    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | NA                         | NA                       | NA                        | NA                     |
| S-13    | 5/5/1994     | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.16        | 6.91                       | 13.25                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|-------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-13    | 7/26/1994  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.16        | 7.52                       | 12.64                    | NA                        | NA                     |
| S-13    | 10/28/1994 | 368               | <0.3        | <0.3        | <0.3        | <0.6        | NA                     | NA                     | 20.16        | 7.68                       | 12.48                    | NA                        | NA                     |
| S-13    | 1/2/1995   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.16        | 6.37                       | 13.79                    | NA                        | NA                     |
| S-13    | 4/14/1995  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.16        | 5.81                       | 14.35                    | NA                        | NA                     |
| S-13    | 7/28/1995  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.16        | 6.73                       | 13.43                    | NA                        | NA                     |
| S-13    | 10/17/1995 | <50               | 1.0         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.16        | 6.94                       | 13.22                    | NA                        | NA                     |
| S-13    | 1/11/1996  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.16        | 6.20                       | 13.96                    | NA                        | NA                     |
| S-13    | 4/2/1996   | <50               | <0.5        | <0.5        | <0.5        | <0.5        | <2                     | NA                     | 20.16        | 5.28                       | 14.88                    | NA                        | NA                     |
| S-13    | 7/9/1996   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.16        | 6.35                       | 13.81                    | NA                        | NA                     |
| S-13    | 10/10/1996 | <50               | <0.50       | <0.50       | <0.50       | <0.50       | 210                    | 160                    | 20.16        | 7.04                       | 13.12                    | NA                        | NA                     |
| S-13    | 1/9/1997   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.16        | 5.19                       | 14.97                    | NA                        | NA                     |
| S-13    | 4/8/1997   | <50               | <0.50       | <0.50       | <0.50       | <0.50       | 81                     | NA                     | 20.16        | 6.62                       | 13.54                    | NA                        | NA                     |
| S-13    | 7/21/1997  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.16        | 6.76                       | 13.40                    | NA                        | NA                     |
| S-13    | 10/8/1997  | <50               | <0.50       | <0.50       | <0.50       | <0.50       | 110                    | NA                     | 20.16        | 7.05                       | 13.11                    | NA                        | NA                     |
| S-13    | 1/15/1998  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.16        | 5.27                       | 14.89                    | NA                        | NA                     |
| S-13    | 4/14/1998  | <50               | <0.50       | <0.50       | <0.50       | <0.50       | 3.2                    | NA                     | 20.16        | 5.24                       | 14.92                    | NA                        | NA                     |
| S-13    | 7/14/1998  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.16        | 5.48                       | 14.68                    | NA                        | NA                     |
| S-13    | 10/20/1998 | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.16        | 7.08                       | 13.08                    | NA                        | NA                     |
| S-13    | 1/22/1999  | <50.0             | <0.500      | <0.500      | <0.500      | <0.500      | 92.2                   | NA                     | 20.16        | 6.65                       | 13.51                    | NA                        | NA                     |
| S-13    | 4/8/1999   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.16        | 5.61                       | 14.55                    | NA                        | NA                     |
| S-13    | 7/23/1999  | <50.0             | <0.500      | <0.500      | <0.500      | <0.500      | <5.00                  | NA                     | 20.16        | 6.78                       | 13.38                    | NA                        | NA                     |
| S-13    | 10/26/1999 | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.16        | 7.33                       | 12.83                    | NA                        | NA                     |
| S-13    | 1/3/2000   | <50.0             | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.16        | 7.51                       | 12.65                    | NA                        | NA                     |
| S-13    | 4/14/2000  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.16        | 6.08                       | 14.08                    | NA                        | NA                     |
| S-13    | 7/12/2000  | <50.0             | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.16        | 6.50                       | 13.66                    | NA                        | NA                     |
| S-13    | 11/1/2000  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.16        | 6.10                       | 14.06                    | NA                        | NA                     |
| S-13    | 1/3/2001   | <50.0             | <0.500      | <0.500      | <0.500      | <0.500      | 21.2                   | 23.9                   | 20.16        | 7.09                       | 13.07                    | NA                        | NA                     |
| S-13    | 4/24/2001  | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 20.16        | NA                         | NA                       | NA                        | NA                     |



**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|

|      |            |       |        |        |        |        |    |       |       |      |       |    |     |
|------|------------|-------|--------|--------|--------|--------|----|-------|-------|------|-------|----|-----|
| S-13 | 7/2/2001   | <50   | <0.50  | <0.50  | <0.50  | <0.50  | NA | <5.0  | 20.16 | 7.13 | 13.03 | NA | NA  |
| S-13 | 11/2/2001  | NA    | NA     | NA     | NA     | NA     | NA | NA    | 20.16 | 7.38 | 12.78 | NA | NA  |
| S-13 | 1/16/2002  | <50   | <0.50  | <0.50  | <0.50  | <0.50  | NA | 5.9   | 20.16 | 6.02 | 14.14 | NA | NA  |
| S-13 | 4/1/2002   | NA    | NA     | NA     | NA     | NA     | NA | NA    | 20.16 | 6.26 | 13.90 | NA | NA  |
| S-13 | 7/11/2002  | <50   | <0.50  | <0.50  | <0.50  | <0.50  | NA | <5.0  | 20.16 | 7.00 | 13.16 | NA | NA  |
| S-13 | 10/28/2002 | NA    | NA     | NA     | NA     | NA     | NA | NA    | 20.19 | 7.70 | 12.49 | NA | NA  |
| S-13 | 1/23/2003  | <50   | <0.50  | <0.50  | <0.50  | <0.50  | NA | 110   | 20.19 | 6.41 | 13.78 | NA | NA  |
| S-13 | 4/30/2003  | NA    | NA     | NA     | NA     | NA     | NA | NA    | 20.19 | 6.12 | 14.07 | NA | NA  |
| S-13 | 7/1/2003   | <50   | <0.50  | <0.50  | <0.50  | <1.0   | NA | <0.50 | 20.19 | 7.65 | 12.54 | NA | 1.4 |
| S-13 | 10/8/2003  | NA    | NA     | NA     | NA     | NA     | NA | NA    | 20.19 | 7.32 | 12.87 | NA | NA  |
| S-13 | 1/22/2004  | <250  | <2.5   | <2.5   | <2.5   | <5.0   | NA | NA    | 20.19 | 6.60 | 13.59 | NA | NA  |
| S-13 | 7/13/2004  | NA    | NA     | NA     | NA     | NA     | NA | NA    | 20.19 | 6.60 | 13.59 | NA | e   |
| S-13 | 1/20/2005  | <50   | <0.50  | <0.50  | <0.50  | <1.0   | NA | NA    | 20.19 | 6.56 | 13.63 | NA | NA  |
| S-13 | 7/19/2005  | NA    | NA     | NA     | NA     | NA     | NA | NA    | 20.19 | 6.15 | 14.04 | NA | NA  |
| S-13 | 1/27/2006  | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | NA | NA    | 20.19 | 6.42 | 13.77 | NA | NA  |
| S-13 | 7/25/2006  | NA    | NA     | NA     | NA     | NA     | NA | NA    | 20.19 | 7.51 | 12.68 | NA | NA  |
| S-13 | 1/4/2007   | <50   | <0.50  | <0.50  | <0.50  | <1.0   | NA | NA    | 20.19 | 6.85 | 13.34 | NA | NA  |
| S-13 | 7/24/2007  | NA    | NA     | NA     | NA     | NA     | NA | NA    | 20.19 | 7.39 | 12.80 | NA | NA  |
| S-13 | 1/15/2008  | <50 g | <0.50  | <1.0   | <1.0   | <1.0   | NA | NA    | 20.19 | 6.00 | 14.19 | NA | NA  |
| S-13 | 8/4/2008   | NA    | NA     | NA     | NA     | NA     | NA | NA    | 20.19 | 7.46 | 12.73 | NA | NA  |

|      |            |      |     |     |     |     |    |    |       |      |       |    |    |
|------|------------|------|-----|-----|-----|-----|----|----|-------|------|-------|----|----|
| S-14 | 5/3/1989   | 5300 | 750 | 400 | 200 | 800 | NA | NA | 20.44 | NA   | NA    | NA | NA |
| S-14 | 8/10/1989  | 1800 | 540 | 140 | 42  | 50  | NA | NA | 20.44 | 7.58 | 12.86 | NA | NA |
| S-14 | 10/9/1989  | 1000 | 360 | 60  | 20  | 30  | NA | NA | 20.44 | 7.62 | 12.82 | NA | NA |
| S-14 | 1/25/1990  | 640  | 160 | 77  | 17  | 39  | NA | NA | 20.44 | 7.82 | 12.62 | NA | NA |
| S-14 | 4/18/1990  | 1200 | 200 | 110 | 30  | 96  | NA | NA | 20.44 | 7.37 | 13.07 | NA | NA |
| S-14 | 7/23/1990  | 5000 | 430 | 340 | 140 | 660 | NA | NA | 20.44 | 7.28 | 13.16 | NA | NA |
| S-14 | 10/18/1990 | 1800 | 770 | 13  | 17  | 120 | NA | NA | 20.44 | 8.10 | 12.34 | NA | NA |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date         | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|--------------|-------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-14    | 1/28/1991    | 720               | 200         | 36          | 21          | 78          | NA                     | NA                     | 20.44        | 8.04                       | 12.40                    | NA                        | NA                     |
| S-14    | 4/25/1991    | 14000             | 930         | 430         | 250         | 970         | NA                     | NA                     | 20.44        | 6.40                       | 14.04                    | NA                        | NA                     |
| S-14    | 7/9/1991     | 160               | 30          | 5.3         | 5           | 16          | NA                     | NA                     | 20.44        | 7.69                       | 12.75                    | NA                        | NA                     |
| S-14    | 10/8/1991    | 5400              | 81          | 57          | 95          | 380         | NA                     | NA                     | 20.44        | 8.24                       | 12.20                    | NA                        | NA                     |
| S-14    | 2/2/1992     | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.44        | 7.20                       | 13.24                    | NA                        | NA                     |
| S-14    | 4/28/1992    | 2000              | 270         | 140         | 48          | 170         | NA                     | NA                     | 20.44        | 9.75                       | 10.69                    | NA                        | NA                     |
| S-14    | 10/26/1992   | 920               | 33          | 12          | 25          | 88          | NA                     | NA                     | 20.44        | 8.32                       | 12.12                    | NA                        | NA                     |
| S-14    | 1/13/1993    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.44        | 5.07                       | 15.37                    | NA                        | NA                     |
| S-14    | 4/16/1993    | 4500              | 1100        | 29          | 91          | 170         | NA                     | NA                     | 20.44        | 5.86                       | 14.58                    | NA                        | NA                     |
| S-14    | 7/23/1993    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.44        | 7.06                       | 13.38                    | NA                        | NA                     |
| S-14    | 10/27/1993   | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 20.44        | NA                         | NA                       | NA                        | NA                     |
| S-14    | 1/27/1994    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.44        | NA                         | NA                       | NA                        | NA                     |
| S-14    | 5/5/1994     | 810               | 250         | <2.5        | 9.4         | 19          | NA                     | NA                     | 19.99        | 6.48                       | 13.51                    | NA                        | NA                     |
| S-14    | 7/26/1994    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 19.99        | 7.04                       | 12.95                    | NA                        | NA                     |
| S-14    | 10/28/1994   | 5385              | 290.6       | 85.8        | 49.7        | 186.2       | NA                     | NA                     | 19.99        | 7.07                       | 12.92                    | NA                        | NA                     |
| S-14    | 1/2/1995     | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 19.99        | 5.95                       | 14.04                    | NA                        | NA                     |
| S-14    | 4/14/1995    | 1600              | 40          | 4.7         | 11          | 20          | NA                     | NA                     | 19.99        | 5.22                       | 14.77                    | NA                        | NA                     |
| S-14    | 7/28/1995    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 19.99        | 6.21                       | 13.78                    | NA                        | NA                     |
| S-14    | 10/17/1995   | 1200              | 37          | <0.5        | 7.8         | 11          | NA                     | NA                     | 19.99        | 6.30                       | 13.69                    | NA                        | NA                     |
| S-14    | 1/11/1996    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 19.99        | 5.70                       | 14.29                    | NA                        | NA                     |
| S-14    | 7/21/1997    | 220               | 71          | 0.71        | 1.3         | 1.3         | 100                    | NA                     | 19.99        | 6.14                       | 13.85                    | NA                        | NA                     |
| S-14    | 03/18/2002 d | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.01        | NA                         | NA                       | NA                        | NA                     |
| S-14    | 1/22/2004    | <50               | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | 55                     | 20.01        | 6.20                       | 13.81                    | NA                        | NA                     |
| S-15    | 5/3/1989     | <50               | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 22.22        | NA                         | NA                       | NA                        | NA                     |
| S-15    | 8/10/1989    | <50               | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 22.22        | 8.48                       | 13.74                    | NA                        | NA                     |
| S-15    | 10/9/1989    | <50               | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 22.22        | 8.46                       | 13.76                    | NA                        | NA                     |
| S-15    | 1/25/1990    | <50               | <0.5        | <1          | <1          | <1          | NA                     | NA                     | 22.22        | 8.34                       | 13.88                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date         | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|--------------|-------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-15    | 4/18/1990    | <50               | <0.5        | <0.5        | <0.5        | <1          | NA                     | NA                     | 22.22        | 8.45                       | 13.77                    | NA                        | NA                     |
| S-15    | 7/23/1990    | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.22        | 8.22                       | 14.00                    | NA                        | NA                     |
| S-15    | 10/18/1990   | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.22        | 9.11                       | 13.11                    | NA                        | NA                     |
| S-15    | 1/28/1991    | <50               | <0.5        | 0.6         | <0.5        | 0.8         | NA                     | NA                     | 22.22        | 9.13                       | 13.09                    | NA                        | NA                     |
| S-15    | 4/25/1991    | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.22        | 7.83                       | 14.39                    | NA                        | NA                     |
| S-15    | 7/9/1991     | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.22        | 8.93                       | 13.29                    | NA                        | NA                     |
| S-15    | 10/8/1991    | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.22        | 9.26                       | 12.96                    | NA                        | NA                     |
| S-15    | 2/5/1992     | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.22        | 8.60                       | 13.62                    | NA                        | NA                     |
| S-15    | 4/28/1992    | 50                | 0.8         | 0.9         | <0.5        | 1.4         | NA                     | NA                     | 22.22        | 8.09                       | 14.13                    | NA                        | NA                     |
| S-15    | 7/27/1992    | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.22        | 8.83                       | 13.39                    | NA                        | NA                     |
| S-15    | 10/26/1992   | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.22        | 9.31                       | 12.91                    | NA                        | NA                     |
| S-15    | 1/14/1993    | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 22.22        | 6.64                       | 15.58                    | NA                        | NA                     |
| S-15    | 4/16/1993    | <50               | 0.6         | 1.0         | <0.5        | 0.7         | NA                     | NA                     | 22.22        | 7.14                       | 15.08                    | NA                        | NA                     |
| S-15    | 7/23/1993    | <50               | 1.2         | <0.5        | <0.5        | 1.6         | NA                     | NA                     | 22.22        | 8.23                       | 13.99                    | NA                        | NA                     |
| S-15    | 10/27/1993   | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 22.22        | NA                         | NA                       | NA                        | NA                     |
| S-15    | 1/27/1994    | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 22.22        | NA                         | NA                       | NA                        | NA                     |
| S-15    | 5/5/1994     | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.42        | 7.57                       | 13.85                    | NA                        | NA                     |
| S-15    | 7/26/1994    | <50               | <0.3        | <0.3        | <0.3        | <0.6        | NA                     | NA                     | 21.42        | 8.16                       | 13.26                    | NA                        | NA                     |
| S-15    | 10/28/1994   | <50               | 0.3         | <0.3        | <0.3        | <0.6        | NA                     | NA                     | 21.42        | 7.87                       | 13.55                    | NA                        | NA                     |
| S-15    | 1/2/1995     | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.42        | 7.02                       | 14.40                    | NA                        | NA                     |
| S-15    | 4/14/1995    | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.42        | 6.19                       | 15.23                    | NA                        | NA                     |
| S-15    | 7/28/1995    | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.42        | 6.72                       | 14.70                    | NA                        | NA                     |
| S-15    | 10/17/1995   | <50               | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.42        | 7.04                       | 14.38                    | NA                        | NA                     |
| S-15    | 1/11/1996    | <50               | <0.5        | <0.5        | <0.5        | <0.5        | <2                     | NA                     | 21.42        | 6.40                       | 15.02                    | NA                        | NA                     |
| S-15    | 03/18/2002 d | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.47        | NA                         | NA                       | NA                        | NA                     |
| S-15    | 1/22/2004    | <50               | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | <0.50                  | 21.47        | 7.07                       | 14.40                    | NA                        | NA                     |
| S-16    | 8/10/1989    | <50               | 0.6         | <1          | <1          | <3          | NA                     | NA                     | 21.82        | 8.36                       | 13.46                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-16    | 10/10/1989 | <5             | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 21.82        | 8.23                       | 13.59                    | NA                        | NA                     |
| S-16    | 1/25/1990  | 240            | 160         | 3.3         | 0.8         | 11          | NA                     | NA                     | 21.82        | 7.88                       | 13.94                    | NA                        | NA                     |
| S-16    | 4/18/1990  | <50            | 1.0         | <0.5        | <0.5        | <1          | NA                     | NA                     | 21.82        | 8.19                       | 13.63                    | NA                        | NA                     |
| S-16    | 7/23/1990  | <50            | 1.1         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.82        | 8.09                       | 13.73                    | NA                        | NA                     |
| S-16    | 10/18/1990 | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.82        | 8.90                       | 12.92                    | NA                        | NA                     |
| S-16    | 1/28/1991  | <50            | <0.5        | 0.6         | <0.5        | 0.9         | NA                     | NA                     | 21.82        | 8.55                       | 13.27                    | NA                        | NA                     |
| S-16    | 4/25/1991  | 60             | 21          | 0.5         | 3.2         | 4.8         | NA                     | NA                     | 21.82        | 7.48                       | 14.34                    | NA                        | NA                     |
| S-16    | 7/9/1991   | <50            | 1.0         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.82        | 8.48                       | 13.34                    | NA                        | NA                     |
| S-16    | 10/8/1991  | 50             | 17          | 1.4         | 1.2         | 5.5         | NA                     | NA                     | 21.82        | 8.95                       | 12.87                    | NA                        | NA                     |
| S-16    | 2/5/1992   | 150            | 65          | 0.7         | <0.5        | 8.4         | NA                     | NA                     | 21.82        | 8.20                       | 13.62                    | NA                        | NA                     |
| S-16    | 4/28/1992  | <50            | 13          | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.82        | 7.80                       | 14.02                    | NA                        | NA                     |
| S-16    | 7/27/1992  | 510            | 130         | <2.5        | <0.5        | 21          | NA                     | NA                     | 21.82        | 8.29                       | 13.53                    | NA                        | NA                     |
| S-16    | 10/26/1992 | <50            | <0.5        | <0.5        | <2.5        | <0.5        | NA                     | NA                     | 21.82        | 9.02                       | 12.80                    | NA                        | NA                     |
| S-16    | 1/13/1993  | 100            | 25          | 1.9         | <0.5        | 8.4         | NA                     | NA                     | 21.82        | 5.78                       | 16.04                    | NA                        | NA                     |
| S-16    | 4/16/1993  | 150            | 56          | 1.8         | 4.6         | 12          | NA                     | NA                     | 21.82        | 6.80                       | 15.02                    | NA                        | NA                     |
| S-16    | 7/23/1993  | <50            | 0.9         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.82        | 7.67                       | 14.15                    | NA                        | NA                     |
| S-16    | 10/27/1993 | <50            | 1.5         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.82        | 8.52                       | 13.30                    | NA                        | NA                     |
| S-16    | 1/27/1994  | 140            | 85          | <1          | <1          | 13          | NA                     | NA                     | 21.82        | 7.20                       | 14.62                    | NA                        | NA                     |
| S-16    | 5/5/1994   | 71             | 25          | <0.5        | <0.5        | 4.2         | NA                     | NA                     | 21.24        | 7.76                       | 13.48                    | NA                        | NA                     |
| S-16    | 7/26/1994  | <50            | <0.3        | <0.3        | <0.3        | <0.6        | NA                     | NA                     | 21.24        | 7.84                       | 13.40                    | NA                        | NA                     |
| S-16    | 10/28/1994 | <50            | 11.5        | <0.3        | <0.3        | 1.8         | NA                     | NA                     | 21.24        | 7.97                       | 13.27                    | NA                        | NA                     |
| S-16    | 1/2/1995   | 70             | 64          | <0.5        | <0.5        | 4.0         | NA                     | NA                     | 21.24        | 6.49                       | 14.75                    | NA                        | NA                     |
| S-16    | 4/14/1995  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 6.08                       | 15.16                    | NA                        | NA                     |
| S-16    | 7/28/1995  | <50            | 1.7         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.24        | 7.00                       | 14.24                    | NA                        | NA                     |
| S-16    | 10/17/1995 | <50            | 4.6         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.24        | 7.15                       | 14.09                    | NA                        | NA                     |
| S-16    | 1/11/1996  | 80             | 17          | 0.7         | <0.5        | 2.9         | <2                     | NA                     | 21.24        | 6.30                       | 14.94                    | NA                        | NA                     |
| S-16    | 4/2/1996   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 5.84                       | 15.40                    | NA                        | NA                     |
| S-16    | 7/9/1996   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 6.72                       | 14.52                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|-------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-16    | 10/10/1996 | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 7.41                       | 13.83                    | NA                        | NA                     |
| S-16    | 1/9/1997   | 80                | 18          | <0.50       | 1.7         | 4.8         | <2.5                   | NA                     | 21.24        | 5.60                       | 15.64                    | NA                        | NA                     |
| S-16    | 4/8/1997   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 7.34                       | 13.90                    | NA                        | NA                     |
| S-16    | 7/21/1997  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 7.20                       | 14.04                    | NA                        | NA                     |
| S-16    | 10/8/1997  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 7.34                       | 13.90                    | NA                        | NA                     |
| S-16    | 1/15/1998  | 650               | 160         | 2.7         | 8.7         | 62          | <12                    | NA                     | 21.24        | 4.79                       | 16.45                    | NA                        | NA                     |
| S-16    | 4/14/1998  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 5.27                       | 15.97                    | NA                        | NA                     |
| S-16    | 7/14/1998  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 6.32                       | 14.92                    | NA                        | NA                     |
| S-16    | 10/20/1998 | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 6.94                       | 14.30                    | NA                        | NA                     |
| S-16    | 1/22/1999  | Well inaccessible |             | NA          | NA          | NA          | NA                     | NA                     | 21.24        | NA                         | NA                       | NA                        | NA                     |
| S-16    | 4/8/1999   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 5.80                       | 15.44                    | NA                        | NA                     |
| S-16    | 7/23/1999  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 6.62                       | 14.62                    | NA                        | NA                     |
| S-16    | 10/26/1999 | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 7.42                       | 13.82                    | NA                        | NA                     |
| S-16    | 1/3/2000   | <50.0             | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 21.24        | 7.34                       | 13.90                    | NA                        | NA                     |
| S-16    | 4/14/2000  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 6.27                       | 14.97                    | NA                        | NA                     |
| S-16    | 7/12/2000  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 7.02                       | 14.22                    | NA                        | NA                     |
| S-16    | 11/1/2000  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 6.79                       | 14.45                    | NA                        | NA                     |
| S-16    | 1/3/2001   | <50.0             | <0.500      | <0.500      | <0.500      | <0.500      | 3.05                   | NA                     | 21.24        | 7.18                       | 14.06                    | NA                        | NA                     |
| S-16    | 4/24/2001  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 6.85                       | 14.39                    | NA                        | NA                     |
| S-16    | 7/2/2001   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 7.51                       | 13.73                    | NA                        | NA                     |
| S-16    | 11/2/2001  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 7.68                       | 13.56                    | NA                        | NA                     |
| S-16    | 1/16/2002  | <50               | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 21.24        | 6.40                       | 14.84                    | NA                        | NA                     |
| S-16    | 4/1/2002   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 6.33                       | 14.91                    | NA                        | NA                     |
| S-16    | 7/11/2002  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.24        | 7.39                       | 13.85                    | NA                        | NA                     |
| S-16    | 10/28/2002 | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.30        | 8.00                       | 13.30                    | NA                        | NA                     |
| S-16    | 1/23/2003  | <50               | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 21.30        | 6.36                       | 14.94                    | NA                        | NA                     |
| S-16    | 4/30/2003  | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.30        | 6.03                       | 15.27                    | NA                        | NA                     |
| S-16    | 7/1/2003   | NA                | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.30        | 7.28                       | 14.02                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID     | Date            | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|-------------|-----------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-16        | 10/8/2003       | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.30        | 7.77                       | 13.53                    | NA                        | NA                     |
| S-16        | 1/22/2004       | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 21.30        | 6.80                       | 14.50                    | NA                        | NA                     |
| S-16        | 7/13/2004       | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.30        | 7.94                       | 13.36                    | NA                        | NA                     |
| S-16        | 1/20/2005       | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 21.30        | 5.62                       | 15.68                    | NA                        | NA                     |
| S-16        | 7/19/2005       | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.30        | 6.53                       | 14.77                    | NA                        | NA                     |
| S-16        | 1/27/2006       | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | NA                     | NA                     | 21.30        | 6.05                       | 15.25                    | NA                        | NA                     |
| S-16        | 7/25/2006       | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.30        | 7.19                       | 14.11                    | NA                        | NA                     |
| S-16        | 1/4/2007        | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 21.30        | 6.89                       | 14.41                    | NA                        | NA                     |
| S-16        | 7/24/2007       | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.30        | 7.60                       | 13.70                    | NA                        | NA                     |
| S-16        | 1/15/2008       | <50 g          | <0.50       | <1.0        | <1.0        | <1.0        | NA                     | NA                     | 21.30        | 5.82                       | 15.48                    | NA                        | NA                     |
| <b>S-16</b> | <b>8/4/2008</b> | <b>NA</b>      | <b>NA</b>   | <b>NA</b>   | <b>NA</b>   | <b>NA</b>   | <b>NA</b>              | <b>NA</b>              | <b>21.30</b> | <b>7.55</b>                | <b>13.75</b>             | <b>NA</b>                 | <b>NA</b>              |
| S-17        | 5/3/1989        | <50            | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 20.95        | NA                         | NA                       | NA                        | NA                     |
| S-17        | 8/10/1989       | <50            | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 20.95        | 8.13                       | 12.82                    | NA                        | NA                     |
| S-17        | 10/9/1989       | <50            | <0.5        | <1          | <1          | <3          | NA                     | NA                     | 20.95        | 8.18                       | 12.77                    | NA                        | NA                     |
| S-17        | 1/25/1990       | <50            | <0.5        | <0.5        | <0.5        | <1          | NA                     | NA                     | 20.95        | 7.60                       | 13.35                    | NA                        | NA                     |
| S-17        | 4/18/1990       | <50            | <0.5        | <0.5        | <0.5        | <1          | NA                     | NA                     | 20.95        | 7.95                       | 13.00                    | NA                        | NA                     |
| S-17        | 7/23/1990       | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.95        | 7.87                       | 13.08                    | NA                        | NA                     |
| S-17        | 10/18/1990      | 390            | 10          | 62          | 22          | 110         | NA                     | NA                     | 20.95        | 8.71                       | 12.24                    | NA                        | NA                     |
| S-17        | 1/28/1991       | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.95        | 8.54                       | 12.41                    | NA                        | NA                     |
| S-17        | 4/25/1991       | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.95        | 7.15                       | 13.80                    | NA                        | NA                     |
| S-17        | 7/9/1991        | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.95        | 8.24                       | 12.71                    | NA                        | NA                     |
| S-17        | 10/8/1991       | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.95        | 8.86                       | 12.09                    | NA                        | NA                     |
| S-17        | 2/5/1992        | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.95        | 7.74                       | 13.21                    | NA                        | NA                     |
| S-17        | 4/28/1992       | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.95        | 7.41                       | 13.54                    | NA                        | NA                     |
| S-17        | 7/27/1992       | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.95        | 8.34                       | 12.61                    | NA                        | NA                     |
| S-17        | 10/26/1992      | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.95        | 8.87                       | 12.08                    | NA                        | NA                     |
| S-17        | 1/13/1993       | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.95        | 3.43                       | 17.52                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID  | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|----------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-17     | 4/16/1993  | 130            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.95        | 6.70                       | 14.25                    | NA                        | NA                     |
| S-17     | 7/23/1993  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.95        | 7.53                       | 13.42                    | NA                        | NA                     |
| S-17     | 10/27/1993 | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.95        | 8.29                       | 12.66                    | NA                        | NA                     |
| S-17     | 1/27/1994  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.95        | 5.78                       | 15.17                    | NA                        | NA                     |
| S-17     | 5/5/1994   | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.45        | 6.99                       | 13.46                    | NA                        | NA                     |
| S-17     | 7/26/1994  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.45        | 7.62                       | 12.83                    | NA                        | NA                     |
| S-17     | 10/28/1994 | <50            | <0.3        | <0.3        | <0.3        | <0.6        | NA                     | NA                     | 20.45        | 7.91                       | 12.54                    | NA                        | NA                     |
| S-17     | 1/2/1995   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.45        | 6.33                       | 14.12                    | NA                        | NA                     |
| S-17     | 4/14/1995  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.45        | 5.53                       | 14.92                    | NA                        | NA                     |
| S-17     | 7/28/1995  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.45        | 6.75                       | 13.70                    | NA                        | NA                     |
| S-17     | 10/17/1995 | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.45        | 7.15                       | 13.30                    | NA                        | NA                     |
| S-17     | 1/11/1996  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.45        | 6.37                       | 14.08                    | NA                        | NA                     |
| S-17     | 4/2/1996   | <50            | <0.5        | <0.5        | <0.5        | <0.5        | <2                     | NA                     | 20.45        | 5.31                       | 15.14                    | NA                        | NA                     |
| S-17     | 7/9/1996   | <50            | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 20.45        | 6.30                       | 14.15                    | NA                        | NA                     |
| S-17     | 10/10/1996 | <50            | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 20.45        | 7.80                       | 12.65                    | NA                        | NA                     |
| S-17     | 1/9/1997   | <50            | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 20.45        | 4.80                       | 15.65                    | NA                        | NA                     |
| S-17     | 4/8/1997   | <50            | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 20.45        | 6.83                       | 13.62                    | NA                        | NA                     |
| S-17 (D) | 4/8/1997   | <50            | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 20.45        | NA                         | NA                       | NA                        | NA                     |
| S-17     | 7/21/1997  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 20.45        | 6.78                       | 13.67                    | NA                        | NA                     |
| S-17     | 10/8/1997  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 20.45        | 6.80                       | 13.65                    | NA                        | NA                     |
| S-17     | 1/15/1998  | 380            | <0.50       | <0.50       | <0.50       | 0.94        | <2.5                   | NA                     | 20.45        | 2.91                       | 17.54                    | NA                        | NA                     |
| S-17     | 4/14/1998  | 160            | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 20.45        | 4.47                       | 15.98                    | NA                        | NA                     |
| S-17     | 7/14/1998  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 20.45        | 6.45                       | 14.00                    | NA                        | NA                     |
| S-17     | 10/20/1998 | <50            | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 20.45        | 7.11                       | 13.34                    | NA                        | NA                     |
| S-17     | 1/22/1999  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.00                  | NA                     | 20.45        | 6.01                       | 14.44                    | NA                        | NA                     |
| S-17     | 4/8/1999   | 145            | <0.500      | <0.500      | <0.500      | <0.500      | <5.00                  | NA                     | 20.45        | 4.69                       | 15.76                    | NA                        | NA                     |
| S-17     | 7/23/1999  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <5.00                  | NA                     | 20.45        | 6.60                       | 13.85                    | NA                        | NA                     |
| S-17     | 10/26/1999 | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.45        | 6.68                       | 13.77                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-17    | 1/3/2000   | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.45        | 7.20                       | 13.25                    | NA                        | NA                     |
| S-17    | 4/14/2000  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.45        | 5.88                       | 14.57                    | NA                        | NA                     |
| S-17    | 7/12/2000  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.45        | 6.45                       | 14.00                    | NA                        | NA                     |
| S-17    | 11/1/2000  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.45        | 5.45                       | 15.00                    | NA                        | NA                     |
| S-17    | 1/3/2001   | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.45        | 7.22                       | 13.23                    | NA                        | NA                     |
| S-17    | 4/24/2001  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <0.50                  | 20.45        | 6.10                       | 14.35                    | NA                        | NA                     |
| S-17    | 7/2/2001   | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.45        | 6.95                       | 13.50                    | NA                        | NA                     |
| S-17    | 11/2/2001  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.45        | 7.50                       | 12.95                    | NA                        | NA                     |
| S-17    | 1/16/2002  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.45        | 5.76                       | 14.69                    | NA                        | NA                     |
| S-17    | 4/1/2002   | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.45        | 6.02                       | 14.43                    | NA                        | NA                     |
| S-17    | 7/11/2002  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.45        | 6.97                       | 13.48                    | NA                        | NA                     |
| S-17    | 10/28/2002 | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <0.50                  | 20.44        | 7.60                       | 12.84                    | NA                        | 0.9                    |
| S-17    | 1/23/2003  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.44        | 5.77                       | 14.67                    | NA                        | NA                     |
| S-17    | 4/30/2003  | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | <5.0                   | 20.44        | 5.35                       | 15.09                    | NA                        | NA                     |
| S-17    | 7/1/2003   | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | <0.50                  | 20.44        | 6.95                       | 13.49                    | NA                        | 1.1                    |
| S-17    | 10/8/2003  | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | <0.50                  | 20.44        | 7.01                       | 13.43                    | NA                        | NA                     |
| S-17    | 1/22/2004  | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 20.44        | 6.57                       | 13.87                    | NA                        | NA                     |
| S-17    | 7/13/2004  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.36 f      | 7.71                       | 12.65                    | NA                        | NA                     |
| S-17    | 1/20/2005  | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 20.36 f      | 5.09                       | 15.27                    | NA                        | NA                     |
| S-17    | 7/19/2005  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.36        | 6.30                       | 14.06                    | NA                        | NA                     |
| S-17    | 1/27/2006  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | NA                     | NA                     | 20.36        | 5.50                       | 14.86                    | NA                        | NA                     |
| S-17    | 7/25/2006  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.36        | 6.84                       | 13.52                    | NA                        | NA                     |
| S-17    | 1/4/2007   | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 20.36        | 6.15                       | 14.21                    | NA                        | NA                     |
| S-17    | 7/24/2007  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.36        | 6.92                       | 13.44                    | NA                        | NA                     |
| S-17    | 1/15/2008  | <50 g          | <0.50       | <1.0        | <1.0        | <1.0        | NA                     | NA                     | 20.36        | 5.05                       | 15.31                    | NA                        | NA                     |
| S-17    | 8/4/2008   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.36        | 6.96                       | 13.40                    | NA                        | NA                     |
| S-18    | 5/31/1991  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.03        | NA                         | NA                       | NA                        | NA                     |



**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-18    | 7/9/1991   | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.03        | 8.23                       | 12.80                    | NA                        | NA                     |
| S-18    | 10/8/1991  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.03        | 8.84                       | 12.19                    | NA                        | NA                     |
| S-18    | 2/5/1992   | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.03        | 7.67                       | 13.36                    | NA                        | NA                     |
| S-18    | 4/28/1992  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.03        | 7.40                       | 13.63                    | NA                        | NA                     |
| S-18    | 7/27/1992  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.03        | 8.38                       | 12.65                    | NA                        | NA                     |
| S-18    | 10/26/1992 | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.03        | 8.83                       | 12.20                    | NA                        | NA                     |
| S-18    | 1/13/1993  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.03        | 5.86                       | 15.17                    | NA                        | NA                     |
| S-18    | 4/16/1993  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.03        | 4.88                       | 16.15                    | NA                        | NA                     |
| S-18    | 7/23/1993  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.03        | 7.56                       | 13.47                    | NA                        | NA                     |
| S-18    | 10/27/1993 | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.03        | 8.30                       | 12.73                    | NA                        | NA                     |
| S-18    | 1/27/1994  | <50            | 1.9         | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 21.03        | 6.84                       | 14.19                    | NA                        | NA                     |
| S-18    | 5/5/1994   | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.57        | 7.05                       | 13.52                    | NA                        | NA                     |
| S-18    | 7/26/1994  | <500           | <3          | 1.1         | <0.3        | 1.8         | NA                     | NA                     | 20.57        | 7.62                       | 12.95                    | NA                        | NA                     |
| S-18    | 10/28/1994 | <50            | <0.3        | <0.3        | <0.3        | <0.6        | NA                     | NA                     | 20.57        | 8.01                       | 12.56                    | NA                        | NA                     |
| S-18    | 1/2/1995   | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.57        | 6.26                       | 14.31                    | NA                        | NA                     |
| S-18    | 4/14/1995  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 4.85                       | 15.72                    | NA                        | NA                     |
| S-18    | 7/28/1995  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.57        | 5.80                       | 14.77                    | NA                        | NA                     |
| S-18    | 10/17/1995 | <50            | <0.5        | <0.5        | <0.5        | <0.5        | NA                     | NA                     | 20.57        | 7.22                       | 13.35                    | NA                        | NA                     |
| S-18    | 1/11/1996  | <50            | <0.5        | <0.5        | <0.5        | <0.5        | <2                     | NA                     | 20.57        | 6.40                       | 14.17                    | NA                        | NA                     |
| S-18    | 4/2/1996   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 4.80                       | 15.77                    | NA                        | NA                     |
| S-18    | 7/9/1996   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 5.74                       | 14.83                    | NA                        | NA                     |
| S-18    | 10/10/1996 | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 6.06                       | 14.51                    | NA                        | NA                     |
| S-18    | 1/9/1997   | <50            | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 20.57        | 4.70                       | 15.87                    | NA                        | NA                     |
| S-18    | 4/8/1997   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 6.62                       | 13.95                    | NA                        | NA                     |
| S-18    | 7/21/1997  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 6.94                       | 13.63                    | NA                        | NA                     |
| S-18    | 10/8/1997  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 6.88                       | 13.69                    | NA                        | NA                     |
| S-18    | 1/15/1998  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 20.57        | 3.60                       | 16.97                    | NA                        | NA                     |
| S-18    | 4/14/1998  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 4.28                       | 16.29                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-18    | 7/14/1998  | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 6.13                       | 14.44                    | NA                        | NA                     |
| S-18    | 10/20/1998 | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 7.20                       | 13.37                    | NA                        | NA                     |
| S-18    | 1/22/1999  | <50.0            | <0.500      | <0.500      | <0.500      | <0.500      | <2.00                  | NA                     | 20.57        | 6.00                       | 14.57                    | NA                        | NA                     |
| S-18    | 4/8/1999   | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 4.95                       | 15.62                    | NA                        | NA                     |
| S-18    | 7/23/1999  | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 6.03                       | 14.54                    | NA                        | NA                     |
| S-18    | 10/26/1999 | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 7.39                       | 13.18                    | NA                        | NA                     |
| S-18    | 1/3/2000   | <50.0            | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.57        | 7.54                       | 13.03                    | NA                        | NA                     |
| S-18    | 4/14/2000  | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 4.41                       | 16.16                    | NA                        | NA                     |
| S-18    | 7/12/2000  | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 5.31                       | 15.26                    | NA                        | NA                     |
| S-18    | 11/1/2000  | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 6.42                       | 14.15                    | NA                        | NA                     |
| S-18    | 1/3/2001   | <50.0            | <0.500      | <0.500      | <0.500      | <0.500      | 3.67                   | NA                     | 20.57        | 7.30                       | 13.27                    | NA                        | NA                     |
| S-18    | 4/24/2001  | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 6.83                       | 13.74                    | NA                        | NA                     |
| S-18    | 7/2/2001   | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 7.23                       | 13.34                    | NA                        | NA                     |
| S-18    | 11/2/2001  | Unable to locate |             | NA          | NA          | NA          | NA                     | NA                     | 20.57        | NA                         | NA                       | NA                        | NA                     |
| S-18    | 1/16/2002  | <50              | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.57        | 6.15                       | 14.42                    | NA                        | NA                     |
| S-18    | 4/1/2002   | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 6.06                       | 14.51                    | NA                        | NA                     |
| S-18    | 7/11/2002  | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 6.98                       | 13.59                    | NA                        | NA                     |
| S-18    | 10/28/2002 | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.63        | 7.66                       | 12.97                    | NA                        | NA                     |
| S-18    | 1/23/2003  | <50              | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.63        | 6.18                       | 14.45                    | NA                        | NA                     |
| S-18    | 4/30/2003  | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.63        | 5.32                       | 15.31                    | NA                        | NA                     |
| S-18    | 7/1/2003   | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.63        | 7.20                       | 13.43                    | NA                        | NA                     |
| S-18    | 10/8/2003  | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.63        | 7.48                       | 13.15                    | NA                        | NA                     |
| S-18    | 1/22/2004  | <50              | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 20.63        | 6.74                       | 13.89                    | NA                        | NA                     |
| S-18    | 7/13/2004  | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.63        | 7.87                       | 12.76                    | NA                        | NA                     |
| S-18    | 1/20/2005  | <50              | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 20.63        | 5.33                       | 15.30                    | NA                        | NA                     |
| S-18    | 7/19/2005  | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.63        | 6.55                       | 14.08                    | NA                        | NA                     |
| S-18    | 1/27/2006  | <50.0            | <0.500      | <0.500      | <0.500      | <0.500      | NA                     | NA                     | 20.63        | 5.89                       | 14.74                    | NA                        | NA                     |
| S-18    | 7/25/2006  | NA               | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.63        | 7.10                       | 13.53                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-18    | 1/4/2007   | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 20.63        | 6.60                       | 14.03                    | NA                        | NA                     |
| S-18    | 7/24/2007  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.63        | 7.13                       | 13.50                    | NA                        | NA                     |
| S-18    | 1/15/2008  | <50 g          | <0.50       | <1.0        | <1.0        | <1.0        | NA                     | NA                     | 20.63        | 5.25                       | 15.38                    | NA                        | NA                     |
| S-18    | 8/4/2008   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.63        | 7.85                       | 12.78                    | NA                        | NA                     |
| S-19    | 10/20/1998 | <50            | <0.50       | <0.50       | <0.50       | <0.50       | <2.5                   | NA                     | 20.11        | 6.41                       | 13.70                    | NA                        | NA                     |
| S-19    | 1/22/1999  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | 90.6                   | NA                     | 20.11        | 5.42                       | 14.69                    | NA                        | NA                     |
| S-19    | 4/8/1999   | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <5.00                  | NA                     | 20.11        | 4.61                       | 15.50                    | NA                        | NA                     |
| S-19    | 7/23/1999  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <5.00                  | NA                     | 20.11        | 5.86                       | 14.25                    | NA                        | NA                     |
| S-19    | 10/26/1999 | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.11        | 6.28                       | 13.83                    | NA                        | NA                     |
| S-19    | 1/3/2000   | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.11        | 6.62                       | 13.49                    | NA                        | NA                     |
| S-19    | 4/14/2000  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.11        | 4.31                       | 15.80                    | NA                        | NA                     |
| S-19    | 7/12/2000  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.11        | 5.46                       | 14.65                    | NA                        | NA                     |
| S-19    | 11/1/2000  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | <2.50                  | NA                     | 20.11        | 5.05                       | 15.06                    | NA                        | NA                     |
| S-19    | 1/3/2001   | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | 9.61                   | NA                     | 20.11        | 6.00                       | 14.11                    | NA                        | NA                     |
| S-19    | 4/24/2001  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <0.50                  | 20.11        | 5.58                       | 14.53                    | NA                        | NA                     |
| S-19    | 7/2/2001   | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.11        | 6.34                       | 13.77                    | NA                        | 3.4                    |
| S-19    | 11/2/2001  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.11        | 6.57                       | 13.54                    | NA                        | 3.4                    |
| S-19    | 1/16/2002  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.11        | 5.05                       | 15.06                    | NA                        | 0.5                    |
| S-19    | 4/1/2002   | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.11        | 5.13                       | 14.98                    | NA                        | 3.3                    |
| S-19    | 7/11/2002  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.11        | 5.50                       | 14.61                    | NA                        | 0.5                    |
| S-19    | 10/28/2002 | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <0.50                  | 20.10        | 6.35                       | 13.75                    | NA                        | 0.6                    |
| S-19    | 1/23/2003  | <50            | <0.50       | <0.50       | <0.50       | <0.50       | NA                     | <5.0                   | 20.10        | 5.15                       | 14.95                    | NA                        | 0.3                    |
| S-19    | 4/30/2003  | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | <5.0                   | 20.10        | 4.90                       | 15.20                    | NA                        | 0.5                    |
| S-19    | 7/1/2003   | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | <0.50                  | 20.10        | 5.50                       | 14.60                    | NA                        | 1.7                    |
| S-19    | 10/8/2003  | 58             | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | <0.50                  | 20.10        | 6.63                       | 13.47                    | NA                        | 0.4                    |
| S-19    | 1/22/2004  | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 20.10        | 5.67                       | 14.43                    | NA                        | 0.6                    |
| S-19    | 7/13/2004  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.10        | 6.82                       | 13.28                    | NA                        | 1.0                    |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| S-19    | 1/20/2005  | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 20.10        | 4.75                       | 15.35                    | NA                        | 0.6                    |
| S-19    | 7/19/2005  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.10        | 5.15                       | 14.95                    | NA                        | NA                     |
| S-19    | 1/27/2006  | <50.0          | <0.500      | <0.500      | <0.500      | <0.500      | NA                     | NA                     | 20.10        | 4.85                       | 15.25                    | NA                        | NA                     |
| S-19    | 7/25/2006  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.10        | 6.14                       | 13.96                    | NA                        | NA                     |
| S-19    | 1/4/2007   | <50            | <0.50       | <0.50       | <0.50       | <1.0        | NA                     | NA                     | 20.10        | 5.75                       | 14.35                    | NA                        | NA                     |
| S-19    | 7/24/2007  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.10        | 6.39                       | 13.71                    | NA                        | NA                     |
| S-19    | 1/15/2008  | <50 g          | <0.50       | <1.0        | <1.0        | <1.0        | NA                     | NA                     | 20.10        | 4.72                       | 15.38                    | NA                        | NA                     |
| S-19    | 8/4/2008   | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.10        | 6.43                       | 13.67                    | NA                        | NA                     |
| SR-1    | 3/22/1989  | 5400           | 1100        | 230         | 350         | 1300        | NA                     | NA                     | 21.45        | NA                         | NA                       | NA                        | NA                     |
| SR-1    | 1/25/1990  | 2200           | 470         | 120         | 110         | 510         | NA                     | NA                     | 21.45        | 7.53                       | 13.92                    | NA                        | NA                     |
| SR-1    | 4/18/1990  | 1000           | 130         | 47          | 47          | 220         | NA                     | NA                     | 21.45        | 8.17                       | 13.28                    | NA                        | NA                     |
| SR-1    | 7/23/1990  | 3200           | 470         | 320         | 170         | 870         | NA                     | NA                     | 21.45        | 7.58                       | 13.87                    | NA                        | NA                     |
| SR-1    | 10/18/1990 | 1300           | 280         | 6.6         | 110         | 130         | NA                     | NA                     | 21.45        | 8.81                       | 12.64                    | NA                        | NA                     |
| SR-1    | 1/28/1991  | 110            | 120         | 12          | 51          | 110         | NA                     | NA                     | 21.45        | 8.37                       | 13.08                    | NA                        | NA                     |
| SR-1    | 4/25/1991  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.45        | 6.91                       | 14.54                    | NA                        | NA                     |
| SR-1    | 7/9/1991   | 1400           | 200         | 27          | 130         | 340         | NA                     | NA                     | 21.45        | 8.11                       | 13.34                    | NA                        | NA                     |
| SR-1    | 10/8/1991  | 980            | 79          | 1.5         | 44          | 52          | NA                     | NA                     | 21.45        | 8.63                       | 12.82                    | NA                        | NA                     |
| SR-1    | 2/5/1991   | 3800           | 580         | 36          | 320         | 400         | NA                     | NA                     | 21.45        | 7.68                       | 13.77                    | NA                        | NA                     |
| SR-1    | 4/28/1992  | 38000          | 1800        | 460         | 1900        | 750         | NA                     | NA                     | 21.45        | 7.27                       | 14.18                    | NA                        | NA                     |
| SR-1    | 7/27/1992  | NA             | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.45        | 8.11                       | 13.34                    | 0.01                      | NA                     |
| SR-1    | 10/26/1992 | 1800           | 370         | 10          | 130         | 130         | NA                     | NA                     | 21.45        | 8.63                       | 12.82                    | NA                        | NA                     |
| SR-1    | 1/13/1993  | 47000          | 1000        | 1100        | 1700        | 13000       | NA                     | NA                     | 21.45        | 5.46                       | 15.99                    | NA                        | NA                     |
| SR-1    | 4/16/1993  | 25000          | 1700        | 430         | 2400        | 8300        | NA                     | NA                     | 21.45        | 6.28                       | 15.17                    | NA                        | NA                     |
| SR-1    | 7/23/1993  | 33000          | 2400        | 2000        | 3800        | 14000       | NA                     | NA                     | 21.45        | 7.34                       | 14.11                    | NA                        | NA                     |
| SR-1    | 10/27/1993 | 2300           | 340         | <12.5       | 270         | 440         | NA                     | NA                     | 21.45        | 8.04                       | 13.41                    | NA                        | NA                     |
| SR-1    | 1/27/1994  | 36000          | 2000        | 1700        | 3000        | 11000       | NA                     | NA                     | 21.45        | 6.68                       | 14.77                    | NA                        | NA                     |
| SR-1    | 5/5/1994   | 43000          | 1500        | 130         | 2900        | 12000       | NA                     | NA                     | 20.57        | 6.81                       | 13.76                    | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID  | Date       | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|----------|------------|---------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| SR-1     | 7/26/1994  | 13600               | 682.7       | 39.2        | 996.6       | 2516        | NA                     | NA                     | 20.57        | 7.38                       | 13.19                    | NA                        | NA                     |
| SR-1     | 10/28/1994 | 8462                | 301.5       | 29.3        | 384.7       | 2019        | NA                     | NA                     | 20.57        | 7.48                       | 13.09                    | NA                        | NA                     |
| SR-1     | 1/2/1995   | 13000               | 400         | 120         | 2500        | 10000       | NA                     | NA                     | 20.57        | 6.34                       | 14.23                    | NA                        | NA                     |
| SR-1     | 4/14/1995  | 43000               | 690         | 370         | 2500        | 12000       | NA                     | NA                     | 20.57        | 5.29                       | 15.28                    | NA                        | NA                     |
| SR-1     | 7/28/1995  | 35000               | 760         | 120         | 2300        | 8100        | NA                     | NA                     | 20.57        | 6.36                       | 14.21                    | NA                        | NA                     |
| SR-1     | 10/17/1995 | 9700                | 310         | 12          | 610         | 1200        | NA                     | NA                     | 20.57        | 6.62                       | 13.95                    | NA                        | NA                     |
| SR-1 (D) | 10/17/1995 | 8300                | 230         | 9.6         | 680         | 840         | NA                     | NA                     | 20.57        | NA                         | NA                       | NA                        | NA                     |
| SR-1     | 1/11/1996  | 18000               | 410         | 170         | 1200        | 4400        | 42                     | NA                     | 20.57        | 5.66                       | 14.91                    | NA                        | NA                     |
| SR-1 (D) | 1/11/1996  | 17000               | 420         | 180         | 1100        | 4000        | 42                     | NA                     | 20.57        | NA                         | NA                       | NA                        | NA                     |
| SR-1     | 4/2/1996   | NA                  | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 5.14                       | 15.43                    | NA                        | NA                     |
| SR-1     | 7/9/1996   | Well inaccessible   |             | NA          | NA          | NA          | NA                     | NA                     | 20.57        | NA                         | NA                       | NA                        | NA                     |
| SR-1     | 10/10/1996 | Well inaccessible   |             | NA          | NA          | NA          | NA                     | NA                     | 20.57        | NA                         | NA                       | NA                        | NA                     |
| SR-1     | 1/9/1997   | Well inaccessible   |             | NA          | NA          | NA          | NA                     | NA                     | 20.57        | NA                         | NA                       | NA                        | NA                     |
| SR-1     | 4/8/1997   | Well inaccessible   |             | NA          | NA          | NA          | NA                     | NA                     | 20.57        | NA                         | NA                       | NA                        | NA                     |
| SR-1     | 7/21/1997  | Well inaccessible   |             | NA          | NA          | NA          | NA                     | NA                     | 20.57        | NA                         | NA                       | NA                        | NA                     |
| SR-1     | 10/8/1997  | NA                  | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.57        | 6.94                       | 13.63                    | NA                        | NA                     |
| SR-1     | 1/15/1998  | 8100                | 82          | <25         | 36          | 2300        | <125                   | NA                     | 20.57        | 4.30                       | 16.27                    | NA                        | NA                     |
| SR-1     | 4/14/1998  | Well inaccessible   |             | NA          | NA          | NA          | NA                     | NA                     | 20.57        | NA                         | NA                       | NA                        | NA                     |
| SR-1     | 7/14/1998  | NA                  | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.28        | 6.48                       | 13.80                    | NA                        | NA                     |
| SR-1     | 10/20/1998 | NA                  | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.28        | 6.61                       | 13.67                    | NA                        | NA                     |
| SR-1     | 1/22/1999  | Well inaccessible   |             | NA          | NA          | NA          | NA                     | NA                     | 20.28        | NA                         | NA                       | NA                        | NA                     |
| SR-1     | 4/8/1999   | NA                  | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.28        | 0.97                       | 19.31                    | NA                        | NA                     |
| SR-1     | 7/23/1999  | Well dry            |             | NA          | NA          | NA          | NA                     | NA                     | 20.28        | NA                         | NA                       | NA                        | NA                     |
| SR-1     | 10/26/1999 | Well dry            |             | NA          | NA          | NA          | NA                     | NA                     | 20.28        | NA                         | NA                       | NA                        | NA                     |
| SR-1     | 4/14/2000  | Obstruction in well |             | NA          | NA          | NA          | NA                     | NA                     | 20.28        | NA                         | NA                       | NA                        | NA                     |
| SR-1     | 7/12/2000  | Obstruction in well |             | NA          | NA          | NA          | NA                     | NA                     | 20.28        | NA                         | NA                       | NA                        | NA                     |
| SR-1     | 11/1/2000  | Obstruction in well |             | NA          | NA          | NA          | NA                     | NA                     | 20.28        | NA                         | NA                       | NA                        | NA                     |
| SR-1     | 1/3/2001   | Obstruction in well |             | NA          | NA          | NA          | NA                     | NA                     | 20.28        | NA                         | NA                       | NA                        | NA                     |

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date         | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|--------------|---------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
| SR-1    | 4/24/2001    | Obstruction in well |             | NA          | NA          | NA          | NA                     | NA                     | 20.28        | NA                         | NA                       | NA                        | NA                     |
| SR-1    | 7/2/2001     | Obstruction in well |             | NA          | NA          | NA          | NA                     | NA                     | 20.28        | NA                         | NA                       | NA                        | NA                     |
| SR-1    | 11/2/2001    | Well dry            | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.28        | NA                         | NA                       | NA                        | NA                     |
| SR-1    | 1/16/2002    | Well dry            | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.28        | NA                         | NA                       | NA                        | NA                     |
| SR-1    | 4/1/2002     | Obstruction in well |             | NA          | NA          | NA          | NA                     | NA                     | 20.28        | NA                         | NA                       | NA                        | NA                     |
| SR-1    | 7/11/2002    | Obstruction in well |             | NA          | NA          | NA          | NA                     | NA                     | 20.28        | NA                         | NA                       | NA                        | NA                     |
| SR-1    | 10/28/2002   | Obstruction in well |             | NA          | NA          | NA          | NA                     | NA                     | 20.27        | NA                         | NA                       | NA                        | NA                     |
| SR-1    | 1/23/2003    | Obstruction in well |             | NA          | NA          | NA          | NA                     | NA                     | 20.27        | NA                         | NA                       | NA                        | NA                     |
| SR-1    | 4/30/2003    | Obstruction in well |             | NA          | NA          | NA          | NA                     | NA                     | 20.27        | NA                         | NA                       | NA                        | NA                     |
| SR-1    | 7/1/2003     | Obstruction in well |             | NA          | NA          | NA          | NA                     | NA                     | 20.27        | NA                         | NA                       | NA                        | NA                     |
| SR-1    | 10/8/2003    | Well dry            | NA          | NA          | NA          | NA          | NA                     | NA                     | 20.27        | NA                         | NA                       | NA                        | NA                     |
| SV-1    | 04/15/1998 b | NA                  | NA          | NA          | NA          | NA          | NA                     | NA                     | NA           | 6.02                       | NA                       | NA                        | NA                     |
| SV-1    | 04/15/1998 c | NA                  | NA          | NA          | NA          | NA          | NA                     | NA                     | NA           | 7.15                       | NA                       | NA                        | NA                     |
| SV-1    | 03/18/2002 d | NA                  | NA          | NA          | NA          | NA          | NA                     | NA                     | 21.31        | NA                         | NA                       | NA                        | NA                     |
| SV-1    | 1/22/2004    | 3000                | 15          | <2.5        | 34          | 11          | NA                     | <2.5                   | 21.31        | 6.67                       | 14.64                    | NA                        | NA                     |

Abbreviations:

**TABLE 1**  
**HISTORICAL WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

| Well ID | Date | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to April 24, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to April 24, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ug/L = Parts per billion

MSL = Mean sea level

ppm = Parts per million

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

NA = Not applicable

Notes:

**TABLE 1  
 HISTORICAL WELL CONCENTRATIONS  
 Former Shell Service Station  
 15275 Washington Boulevard  
 San Leandro, CA**

| Well ID | Date | TPPH<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) | TOC<br>(MSL) | Depth to<br>Water<br>(ft.) | GW<br>Elevation<br>(MSL) | SPH<br>Thickness<br>(ft.) | DO<br>Reading<br>(ppm) |
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|--------------|----------------------------|--------------------------|---------------------------|------------------------|

a = Chromatogram pattern indicated an unidentified hydrocarbon.

b = Pre-development sample

c = Post-development sample

d = Survey date only.

e = DO reading not taken.

f = TOC lowered 0.08 feet due to wellhead maintenance on June 3, 2004.

g = Analyzed by EPA Method 8015B (M).

h = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

i = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

Site surveyed March 18, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.



**TABLE 2**  
**WELL CONSTRUCTION DETAILS**  
Former Shell-Branded Service Station  
15275 Washington Avenue  
San Leandro, CA

| Well ID | Total Depth<br>ft | Diameter<br>in | Screen Interval<br>ft bgs | Range of Water Depths<br>2007-2008 | Installation Date | First Sample Date |
|---------|-------------------|----------------|---------------------------|------------------------------------|-------------------|-------------------|
| S-1     | 19                | 3              | 4 to 19                   | 6.10-7.76                          | 6/18/85           | 7/8/85            |
| S-3     | 16.5 *            | 3              | 4 to 16.5                 | 5.41-7.44                          | 6/18/85           | 9/6/88            |
| S-5     | 18.5              | 4              | 3.5 to 18.5               | 5.83-8.04                          | 12/24/86          | 1/8/87            |
| S-7     | 24                | 3              | 4 to 24                   | 6.08-7.78                          | 11/3/88           | 11/16/88          |
| S-8     | 24                | 3              | 4 to 24                   | 5.32-6.98                          | 11/3/88           | 11/16/88          |
| S-9     | 18                | 3              | 4 to 17.5                 | 5.20-7.38                          | 11/4/88           | 11/16/88          |
| S-10    | 18                | 3              | 4 to 17.5                 | 5.33-6.82                          | 11/4/88           | 11/16/88          |
| S-13    | 24                | 3              | 4 to 24                   | 6.00-7.46                          | 4/26/89           | 5/3/89            |
| S-16    | 24                | 3              | 4 to 24                   | 5.82-7.60                          | 4/25/89           | 5/4/94            |
| S-17    | 24                | 3              | 4 to 24                   | 5.05-6.96                          | 4/25/89           | 5/3/89            |
| S-18    | 18                | 3              | 4 to 18                   | 5.25-7.85                          | 5/16/91           | 5/31/91           |
| S-19    | 21                | 2              | 4 to 21                   | 4.72-6.43                          | 4/31/98           | 10/20/98          |

ft = feet

in = inches

bgs = below ground surface

\* = Well depth of 16.5 feet from EMCON original well detail on 6/18/1985. Blaine Tech recent measured depth is approximately 21

**TABLE 3**  
**WELL SAMPLING SCHEDULE AND ANALYSES**  
Former Shell-Branded Service Station  
15275 Washington Avenue  
San Leandro, CA

| Well ID | Current Sampling Schedule | Last Sample Date | Analyses |      |
|---------|---------------------------|------------------|----------|------|
|         |                           |                  | TPPH     | BTEX |
| S-1     | 1Q                        | 1/15/2008        | X        | X    |
| S-3     | 1Q and 3Q                 | 8/4/2008         | X        | X    |
| S-5     | 1Q                        | 1/15/2008        | X        | X    |
| S-7     | 1Q and 3Q                 | 8/4/2008         | X        | X    |
| S-8     | 1Q and 3Q                 | 8/4/2008         | X        | X    |
| S-9     | 1Q and 3Q                 | 8/4/2008         | X        | X    |
| S-10    | 1Q                        | 1/15/2008        | X        | X    |
| S-13    | 1Q                        | 1/15/2008        | X        | X    |
| S-16    | 1Q                        | 1/15/2008        | X        | X    |
| S-17    | 1Q                        | 1/15/2008        | X        | X    |
| S-18    | 1Q                        | 1/15/2008        | X        | X    |
| S-19    | 1Q                        | 1/15/2008        | X        | X    |

TPPH = Total purgeable petroleum hydrocarbons  
BTEX = Benzene, toluene, ethylbenzene, total xylenes  
1Q = First quarter  
3Q = Third quarter

# **ATTACHMENT A**

**BLAINE TECH SERVICES, INC.,  
GROUNDWATER SAMPLING PROCEDURES**

# BLAINE TECH SERVICES, INC. METHODS AND PROCEDURES FOR THE ROUTINE MONITORING OF GROUNDWATER WELLS AT SHELL SITES

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. We specialize in groundwater monitoring assignments and intentionally limit the scope of our services to those centered on the generation of objective information.

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling -water - 746684 ) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

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## SAMPLING PROCEDURES OVERVIEW

### SAFETY

All groundwater monitoring assignments performed for Shell comply with Shell's safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40-hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any Shell site.

### INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic water level indicators that are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of immiscibles. When free product is suspected, its presence is confirmed using an electronic Interface probe (e.g. MMC). No samples are collected from a well containing over two-hundredths of a foot (0.02') of product.

### EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.

Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well.

#### PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

#### DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewateres and does not immediately recharge.

#### MEASURING RECHARGE

Upon completion of well purging, a depth to water measurement is collected and notated to ensure that the well has recharged to within 80% of its static, pre-purge level prior to sampling.

Wells that do not immediately show 80% recharge or dewatered wells will be allowed a minimum of 2 hours to recharge prior to sampling. The water level at time of sampling will be noted.

#### PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non-hazardous purgewater is transported under standard Bill of Lading documentation to a Blaine Tech Services, Inc. facility before being transported to a Shell approved disposal facility.

## SAMPLE COLLECTION DEVICES

All samples are collected using a stainless steel, Teflon or disposable bailers.

## SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory that will analyze the samples. The transfer of sample material from the bailer to the sample container conforms to specifications contained in the USEPA T.E.G.D. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

## TRIP BLANKS

Trip Blanks, if requested, are taken to the site and kept inside the sample cooler for the duration of the event. They are turned over to the laboratory for analysis with the samples from that site.

## DUPLICATES

Duplicates, if requested, may be collected at a site. The Field Technician uses their discretion in choosing the well at which the Duplicate is collected, typically one suspected of containing measurable contaminants. The Duplicate sample is labeled "DUP" and the time of collection is omitted from the COC, thus rendering the sample blind.

## SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the designated analytical laboratory. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

## DOCUMENTATION CONVENTIONS

A label must be affixed to all sample containers. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time and date of sample collection along with the initials of the person who collects the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

#### DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is detuned to function as a hot pressure washer that is then operated with high quality deionized water that is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation (U.S. Patent 5,535,775) that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps and ballers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, water level indicator, etc.) that cannot be washed using the high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

#### DISSOLVED OXYGEN READINGS

Dissolved Oxygen readings are taken pre- and/or post-purge using YSI meters (e.g. YSI Model 64, 68 or 95) or HACH field test kits.

The YSI meters are equipped with a stirring device that enables them to collect accurate in-situ readings. The probe/stirring devices are modified to allow downhole measurements to be taken from wells with diameters as small as two inches. The probe and reel is decontaminated between wells as described above. The meter is calibrated between wells as per the instructions in the operating manual. The probe and stirrer is lowered into the water column. The reading is allowed to stabilize prior to collection.

#### OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual.

#### FERROUS IRON MEASUREMENTS

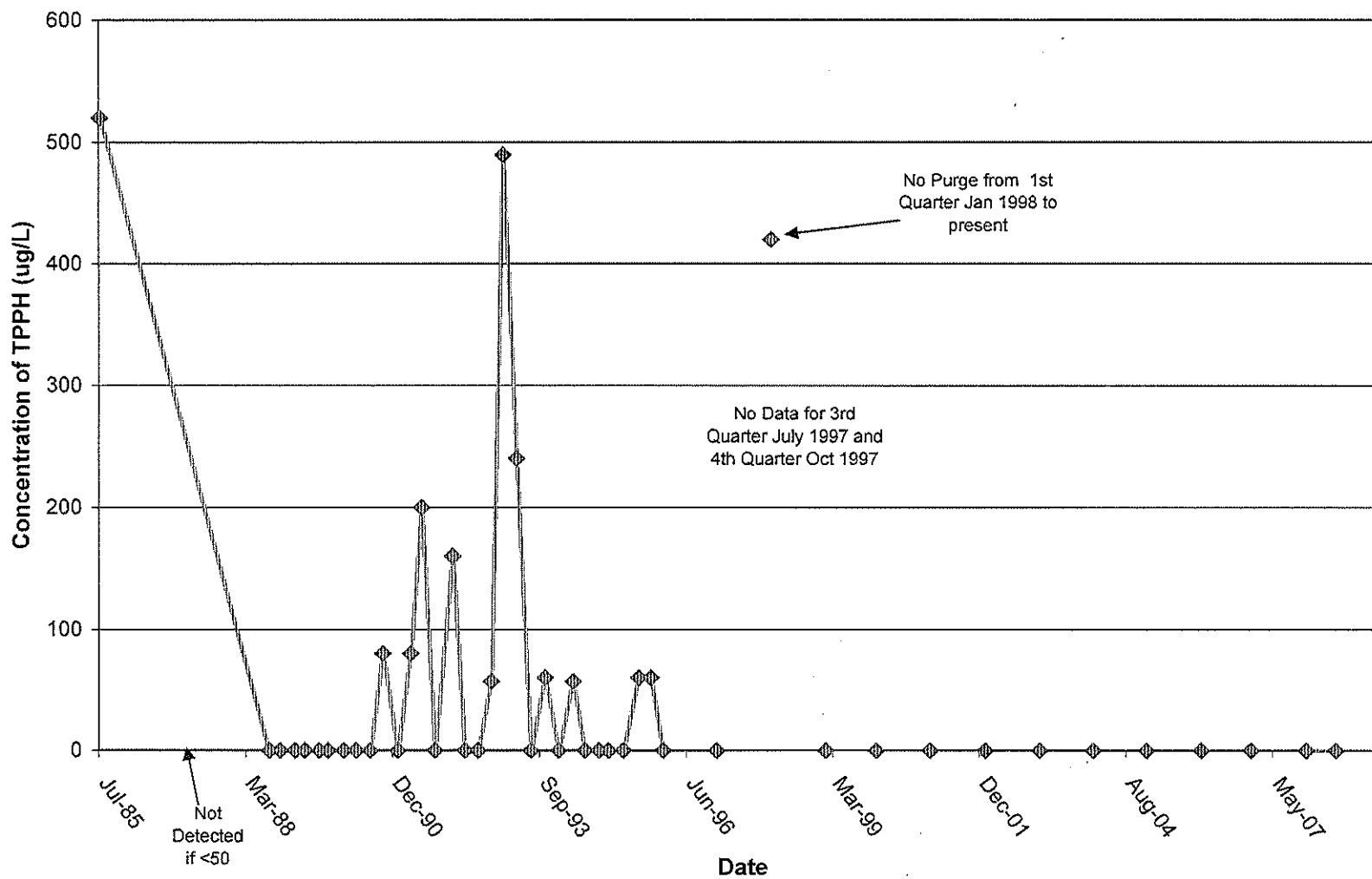
All field measurements are collected at time of sampling with a HACH test kit.

# **ATTACHMENT B**

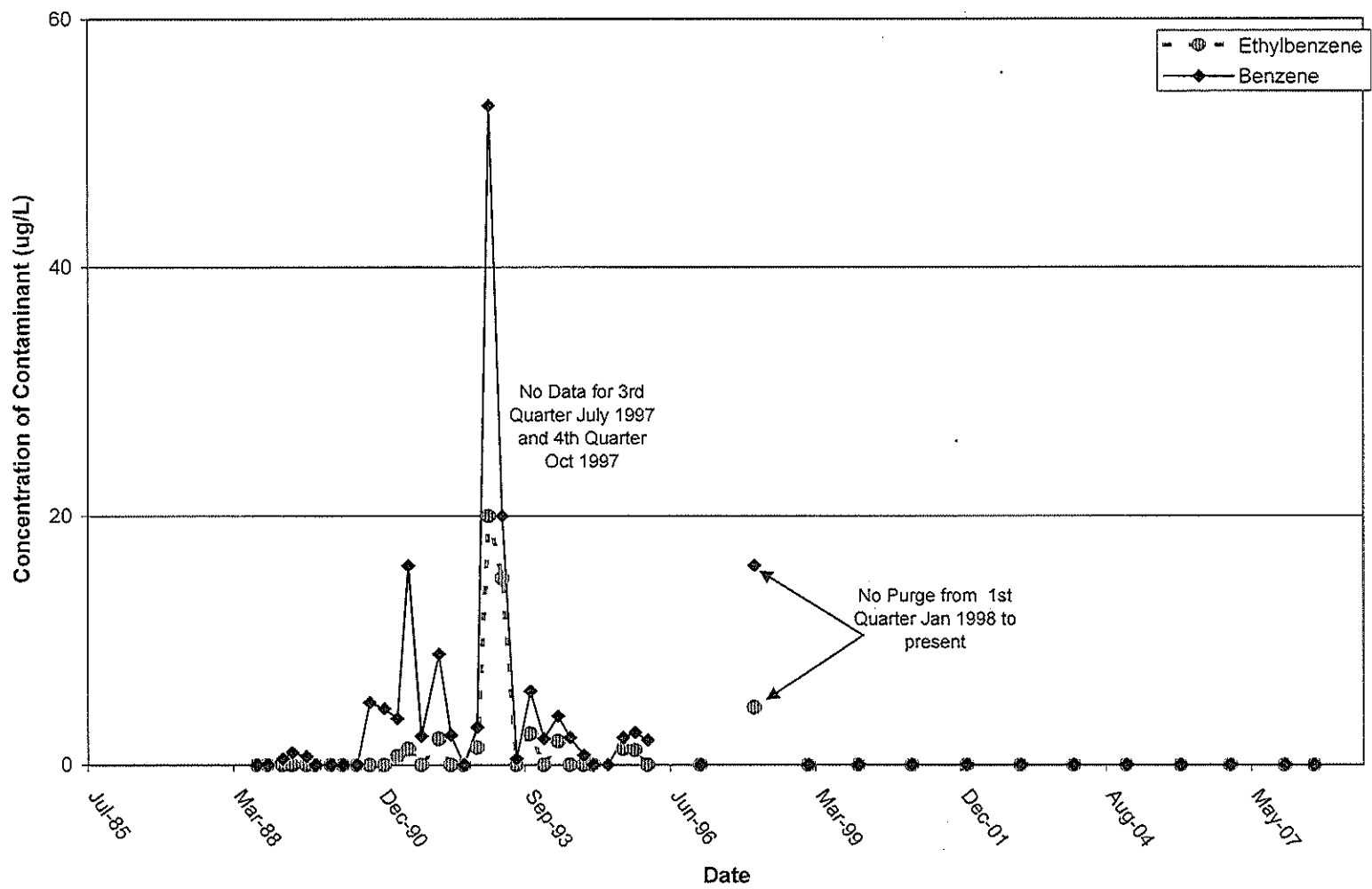
## **HISTORICAL CONCENTRATION GRAPHS**



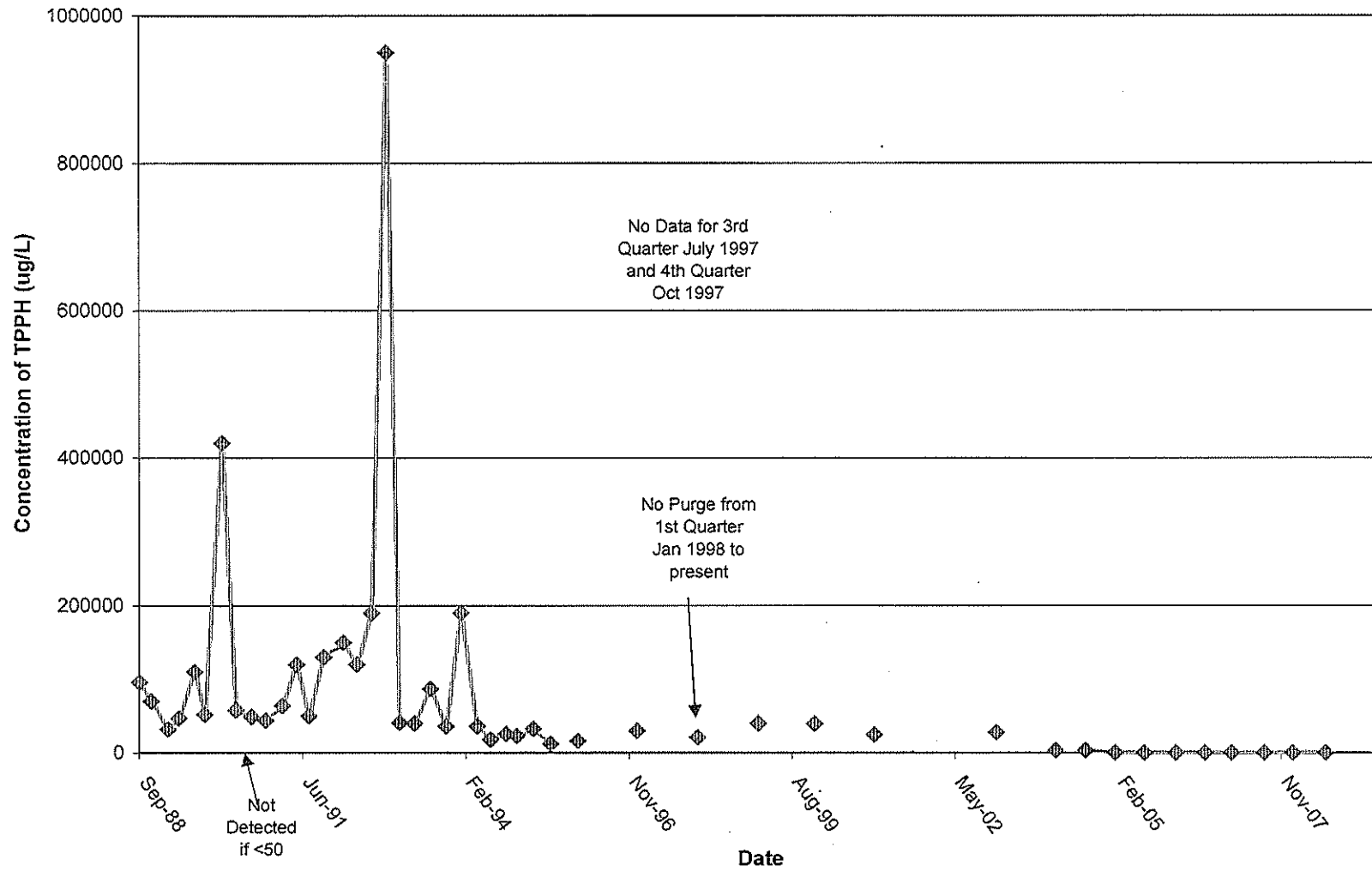
### Historical Concentration of TPPH in Well S-1



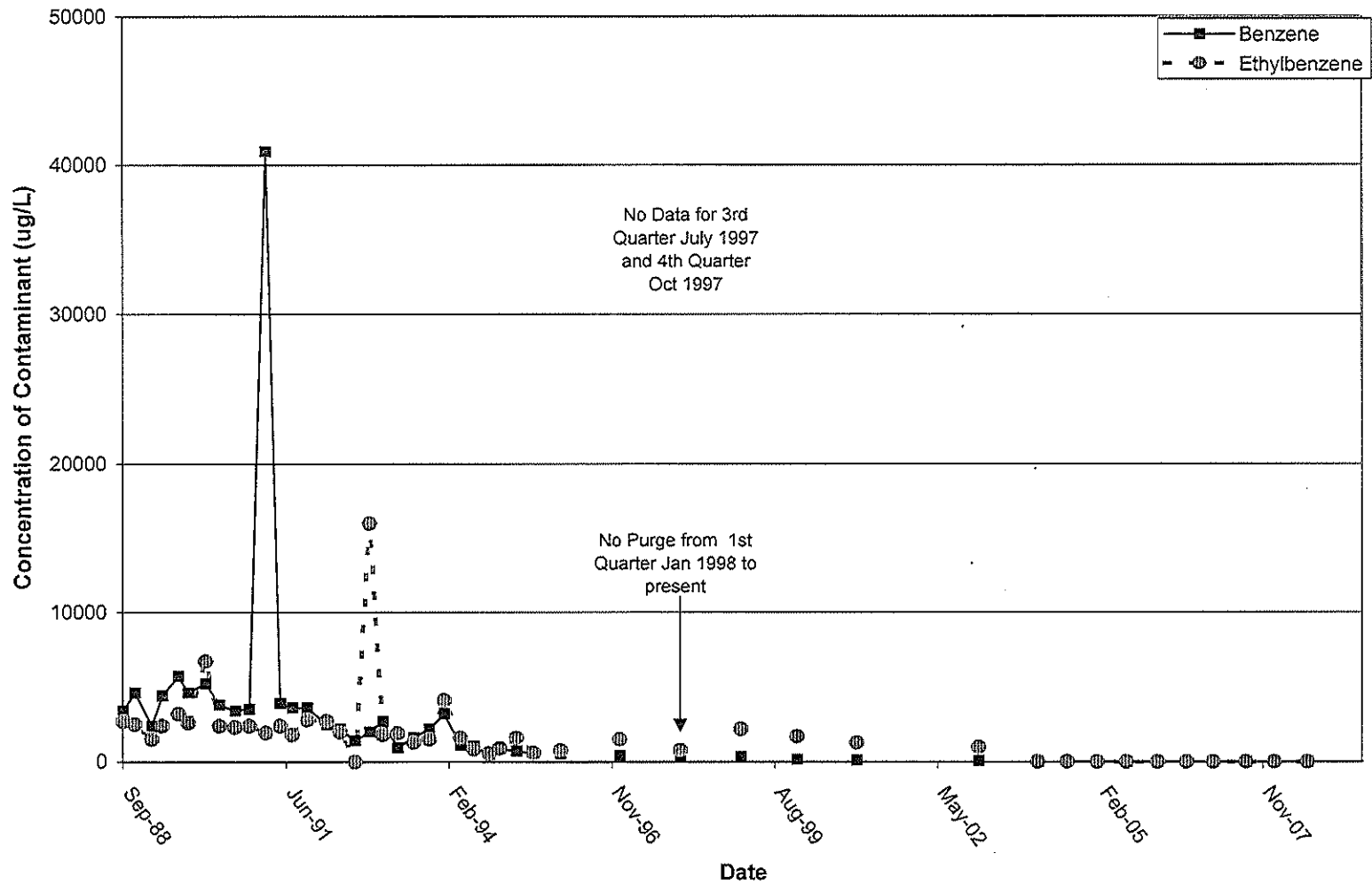
### Historical Concentrations of Benzene and Ethylbenzene in Well S-1



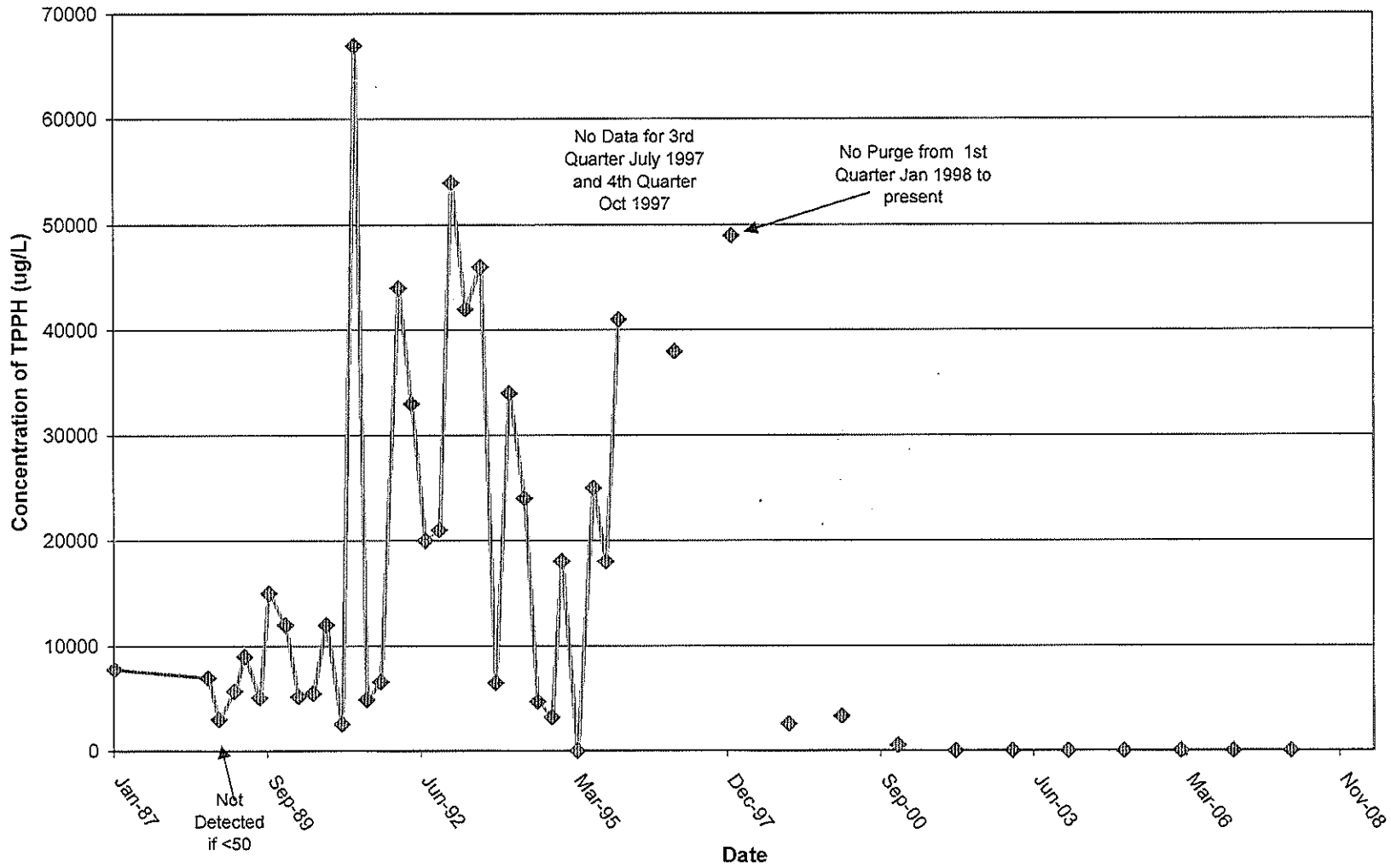
### Historical Concentration of TPPH in Well S-3



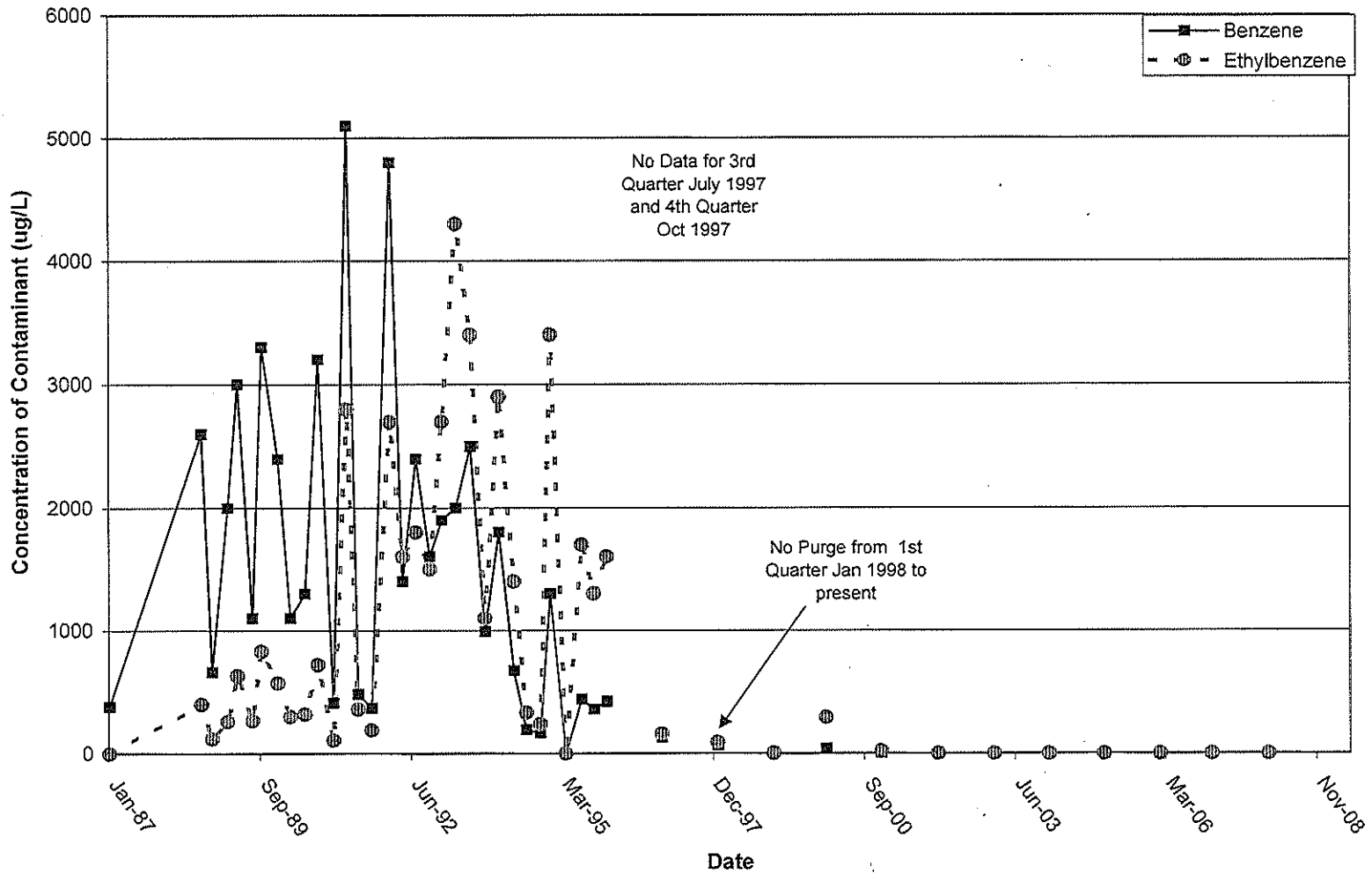
### Historical Concentrations of Benzene and Ethylbenzene in Well S-3



### Historical Concentration of TPPH in Well S-5

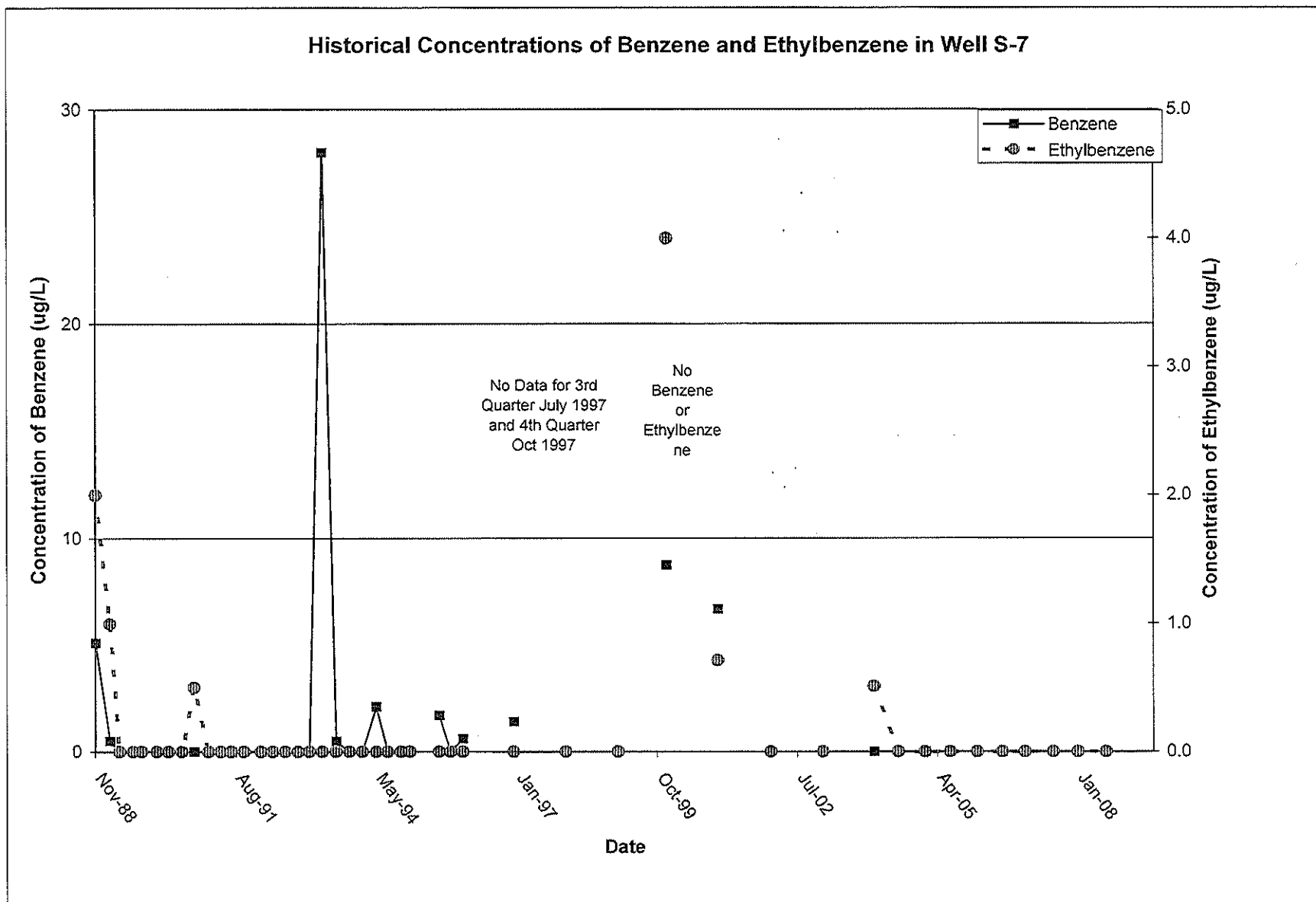


### Historical Concentrations of Benzene and Ethylbenzene in Well S-5



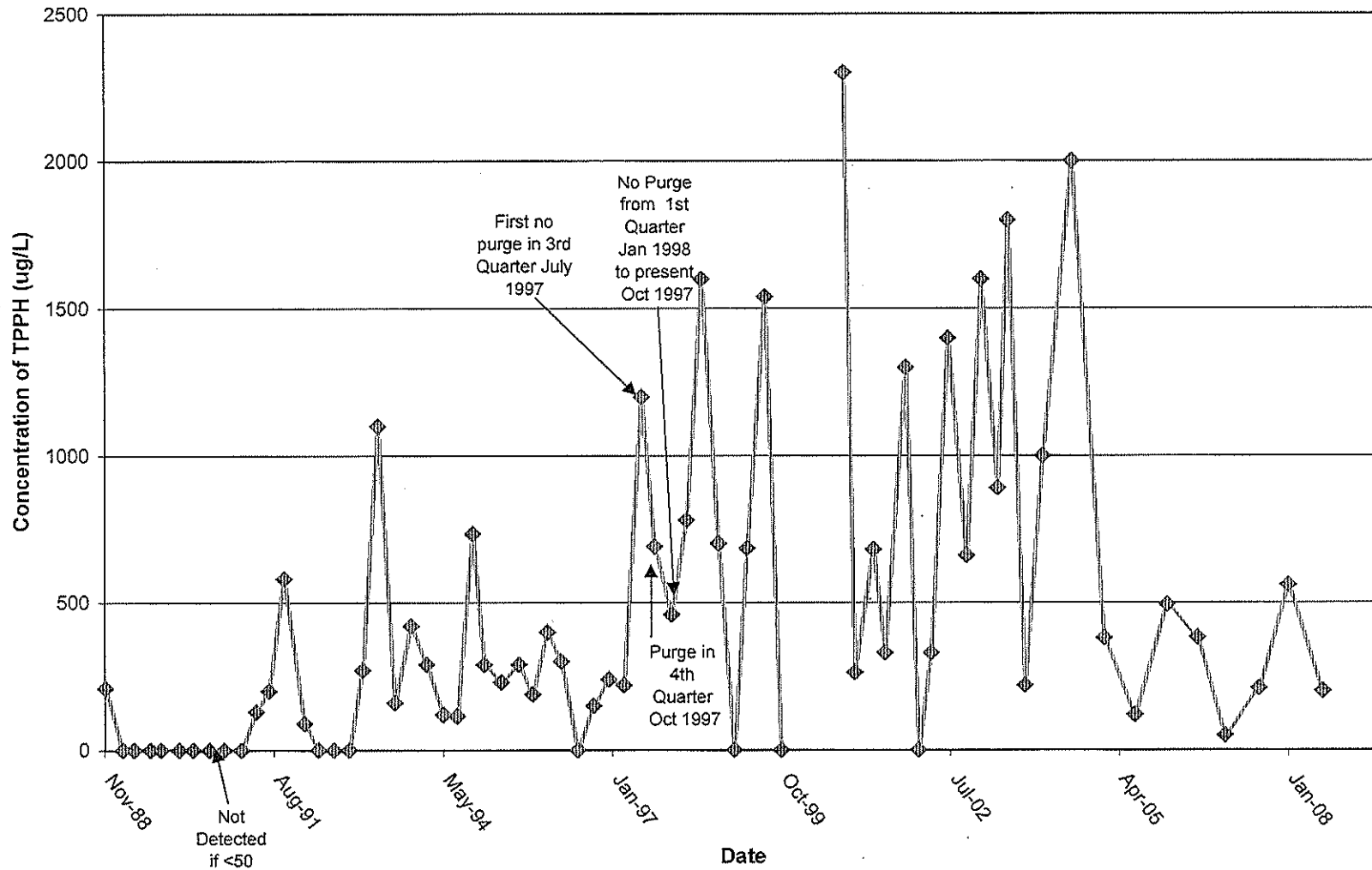


### Historical Concentrations of Benzene and Ethylbenzene in Well S-7

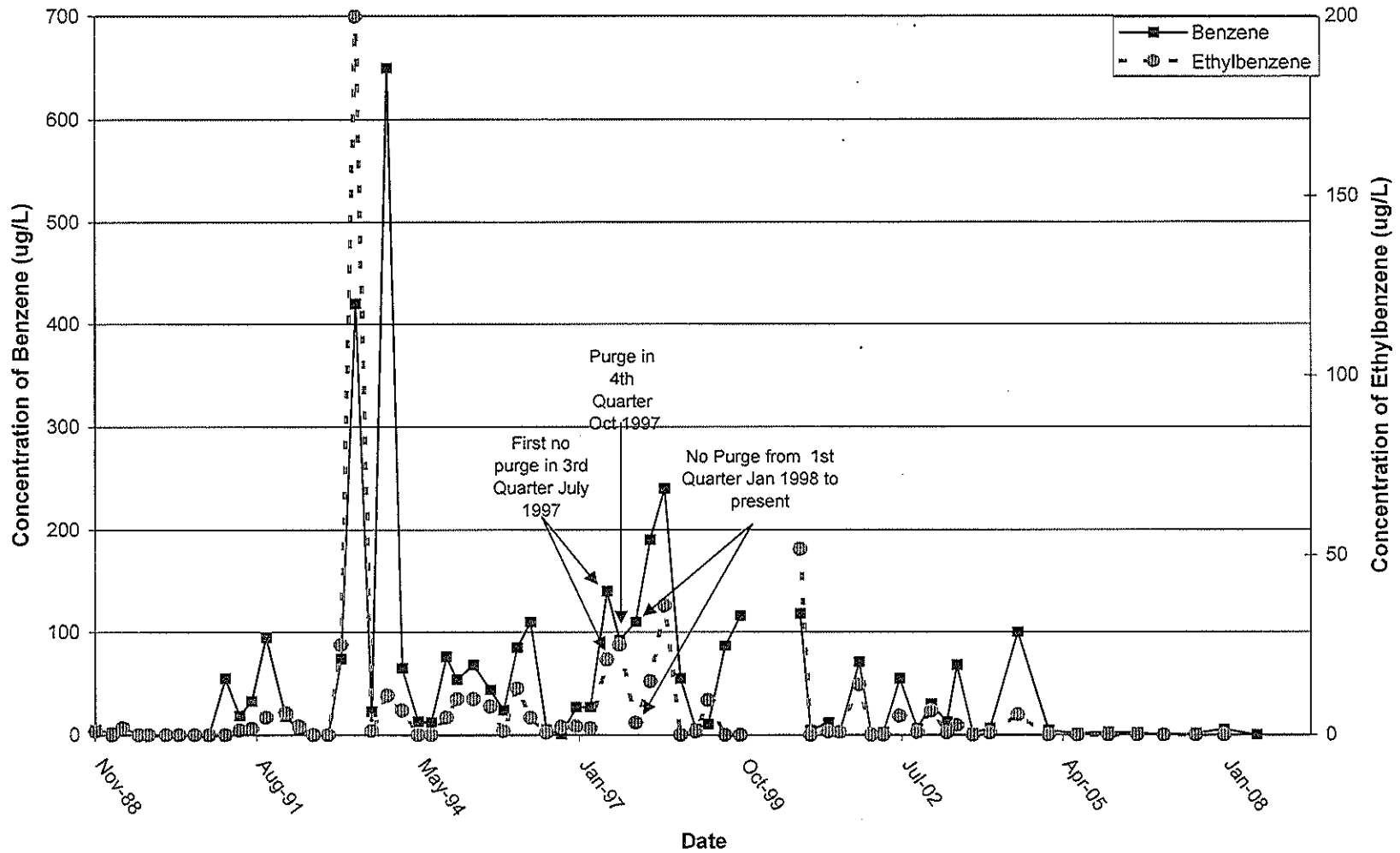




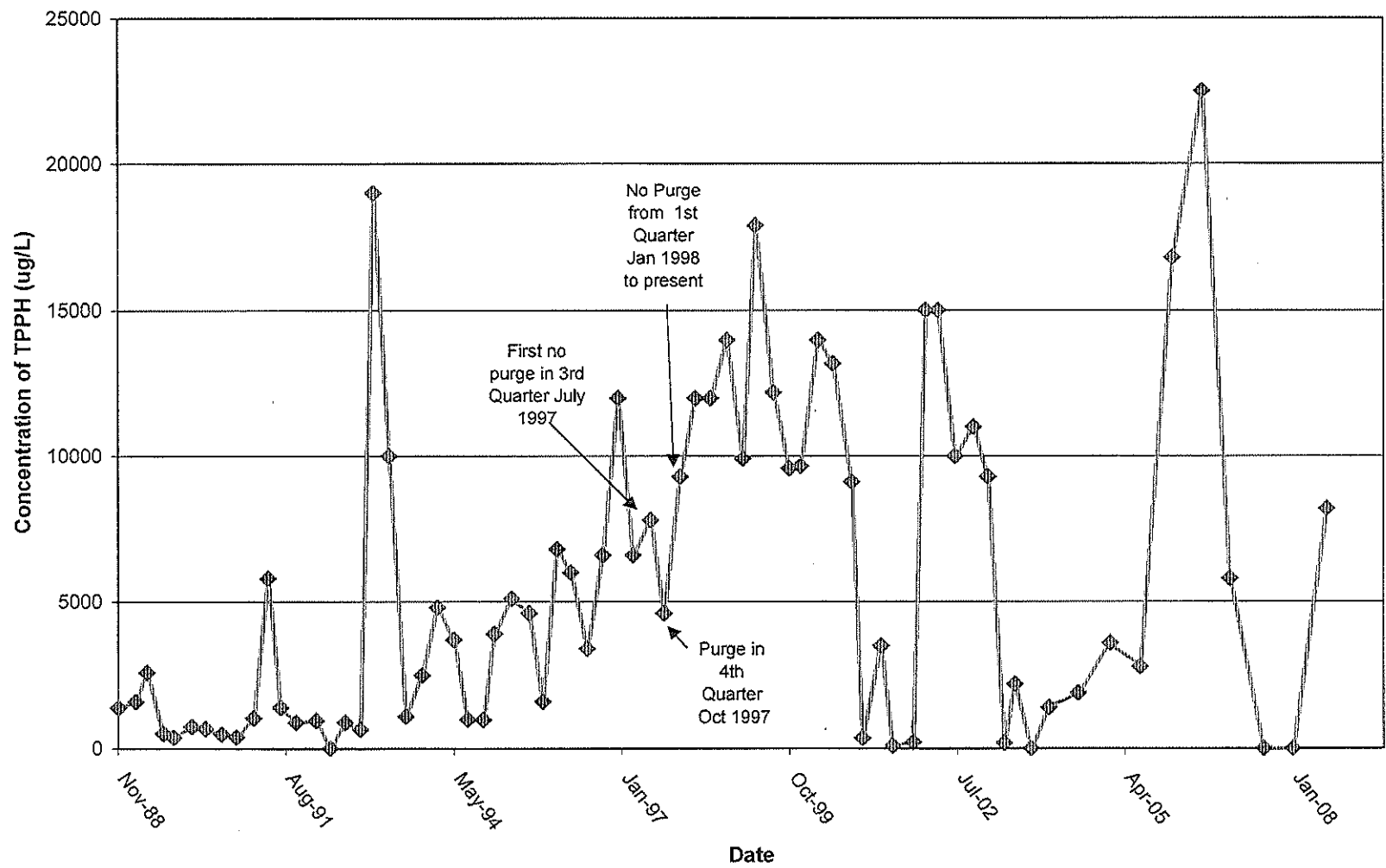
### Historical Concentration of TPPH in Well S-8



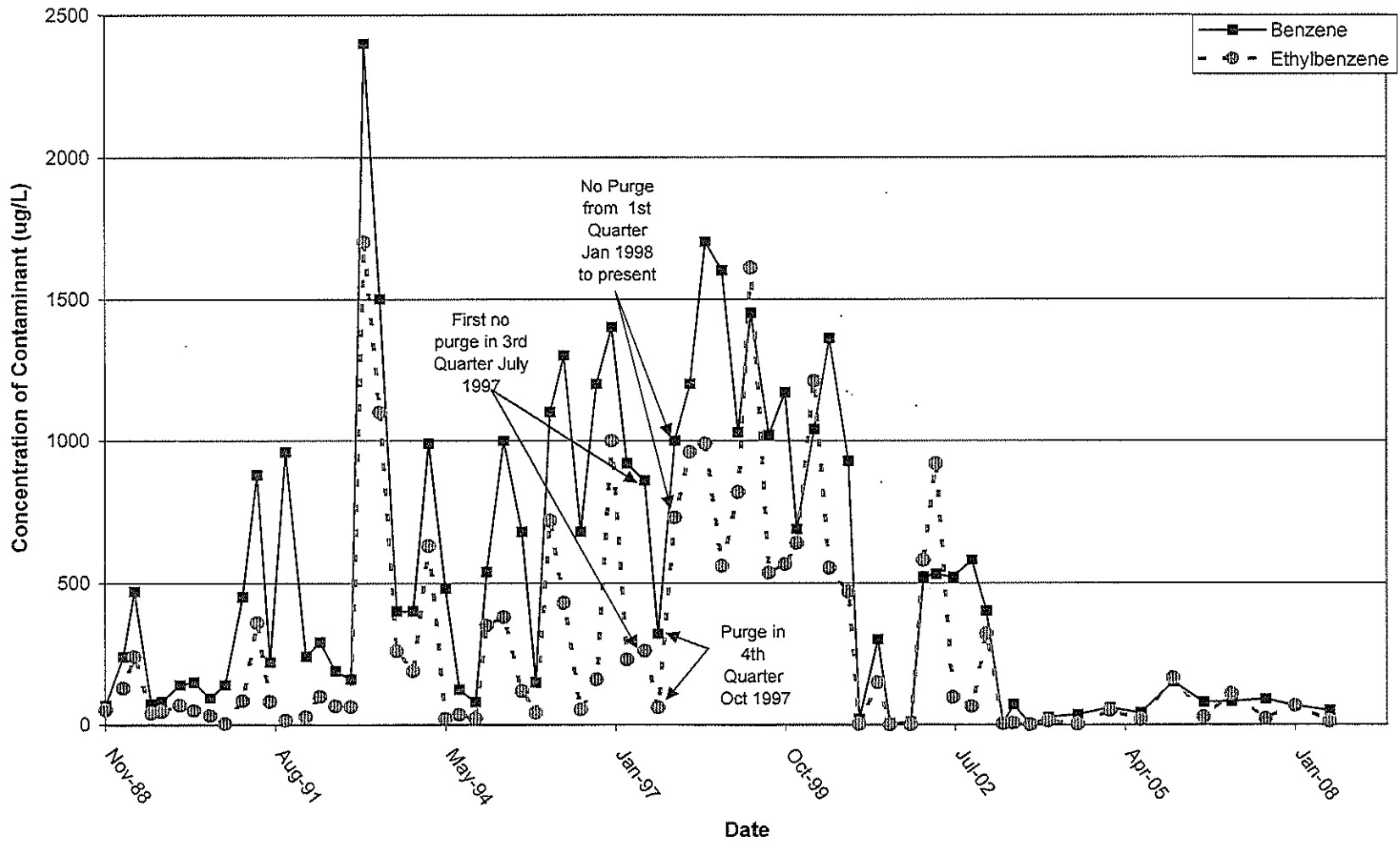
Historical Concentrations of Benzene and Ethylbenzene in Well S-8



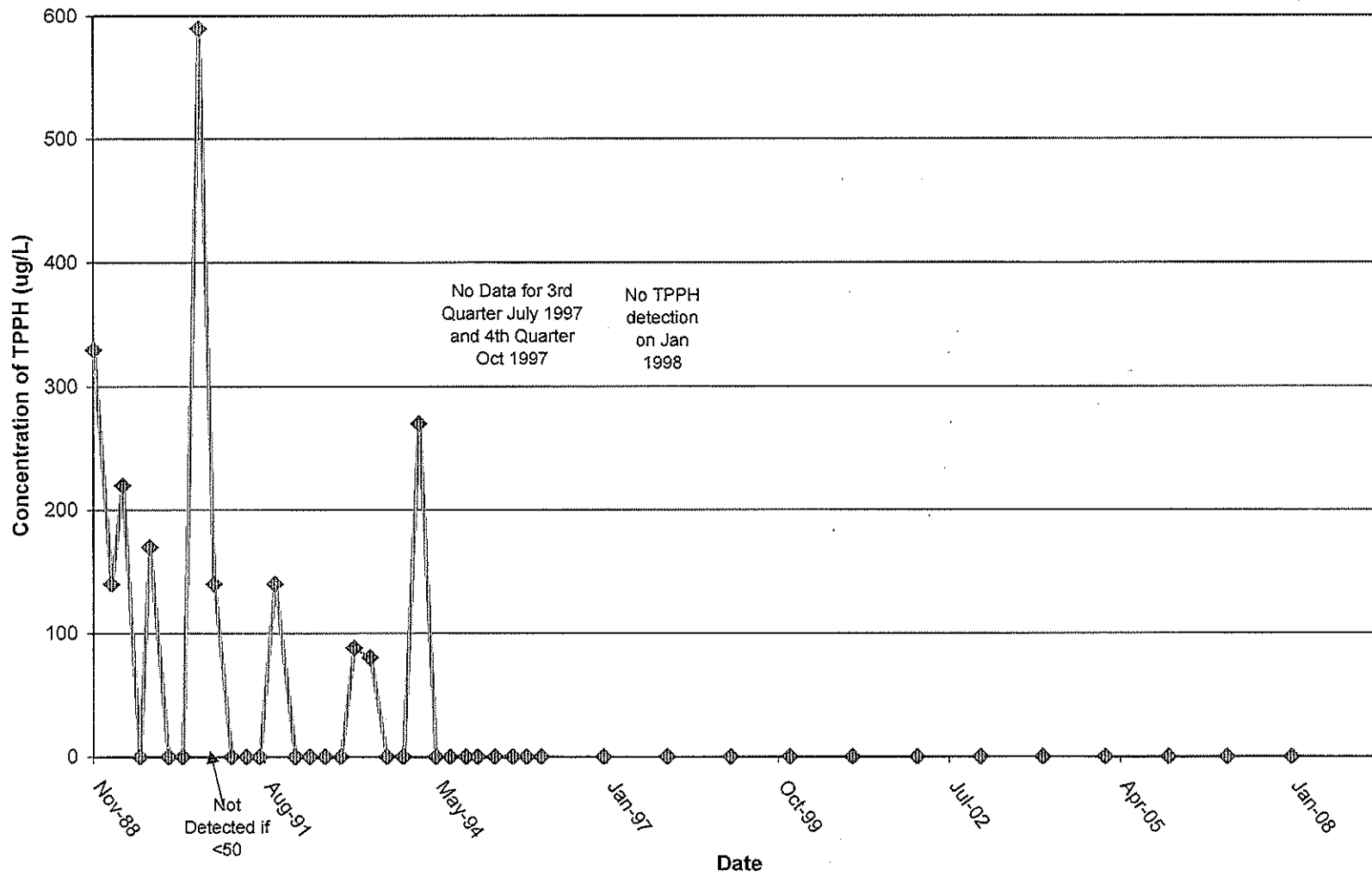
### Historical Concentration of TPPH in Well S-9



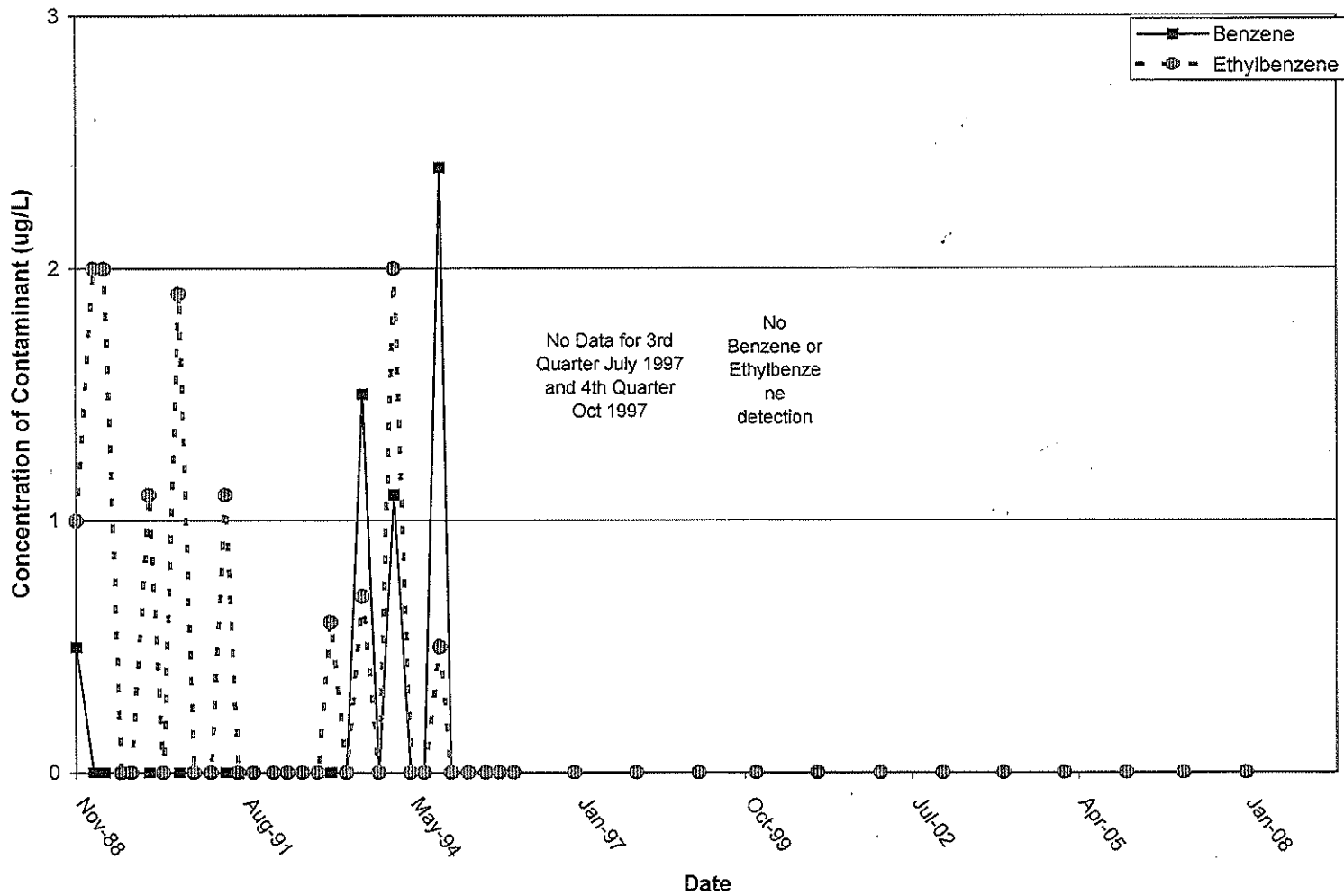
Historical Concentrations of Benzene and Ethylbenzene in Well S-9



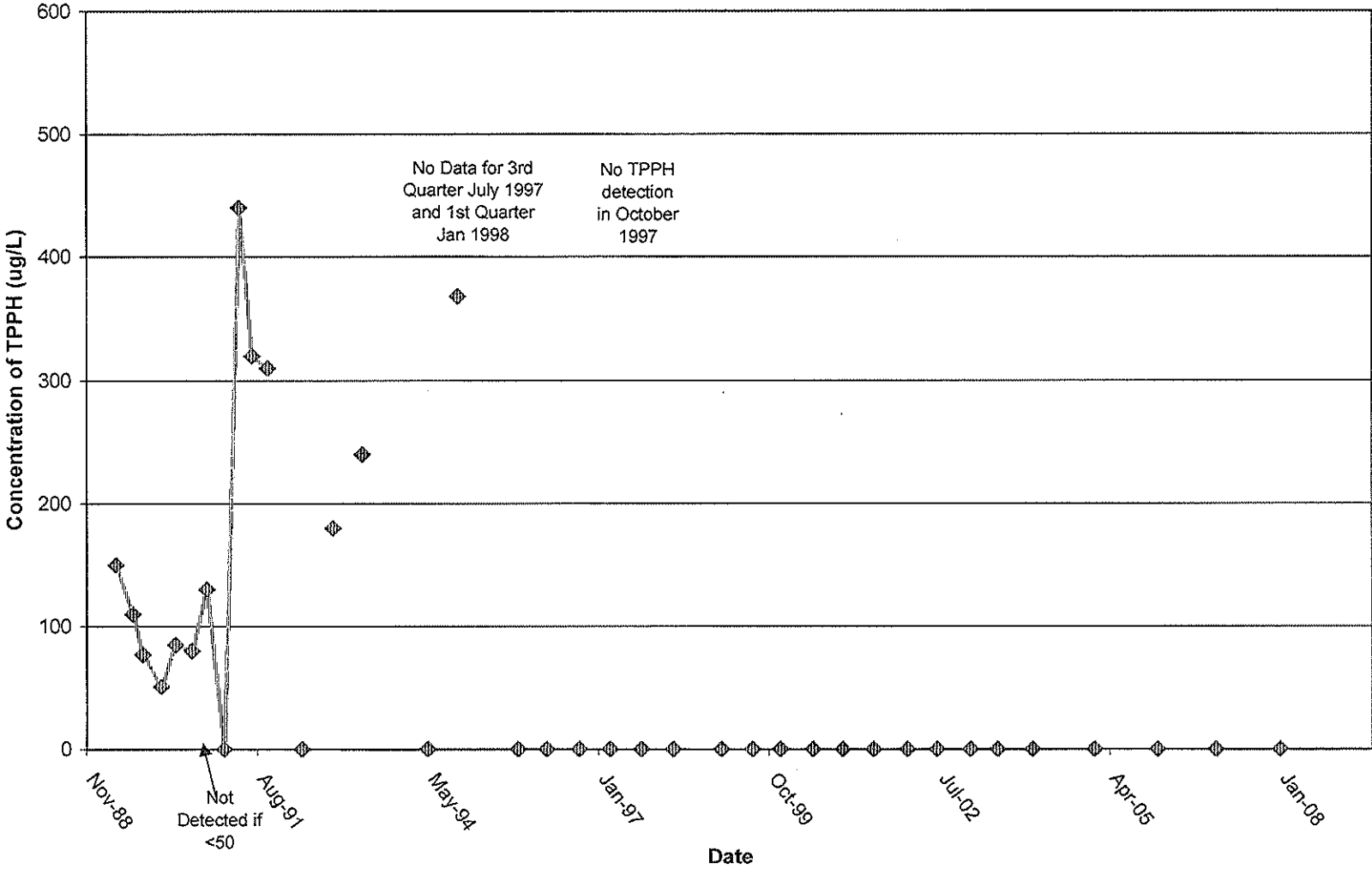
### Historical Concentration of TPPH in Well S-10



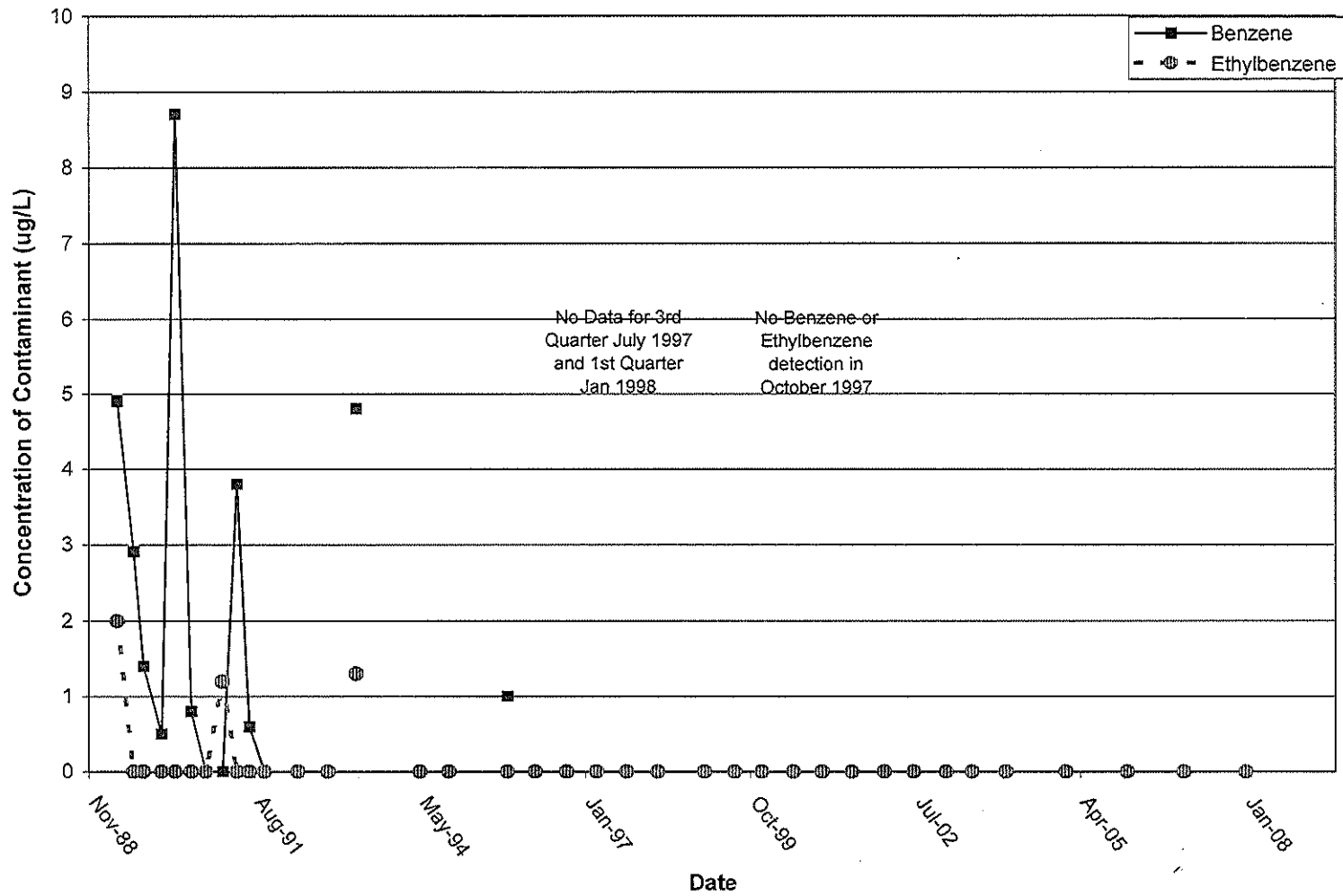
Historical Concentrations of Benzene and Ethylbenzene in Well S-10



### Historical Concentration of TPPH in Well S-13

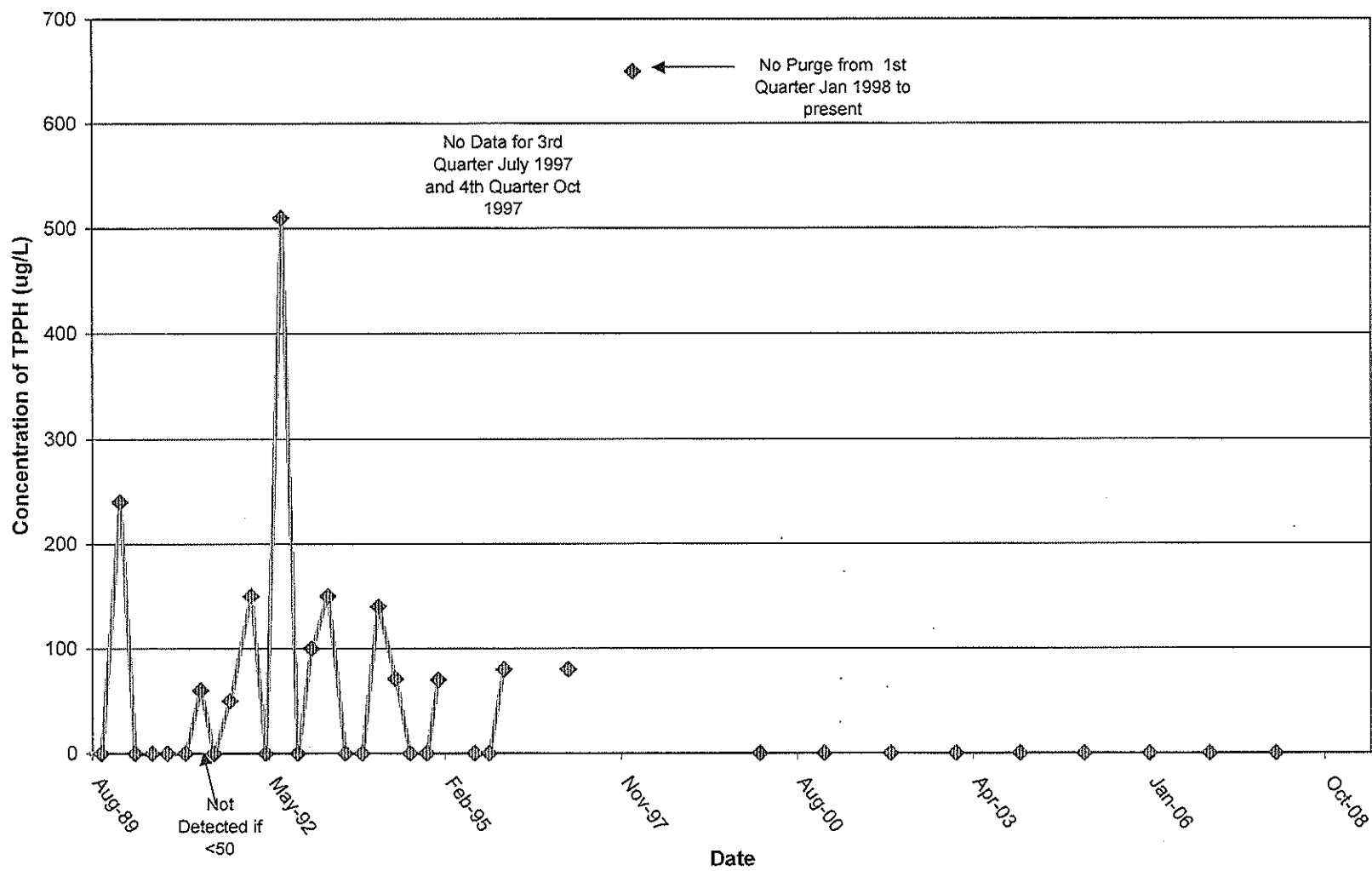


Historical Concentrations of Benzene and Ethylbenzene in Well S-13

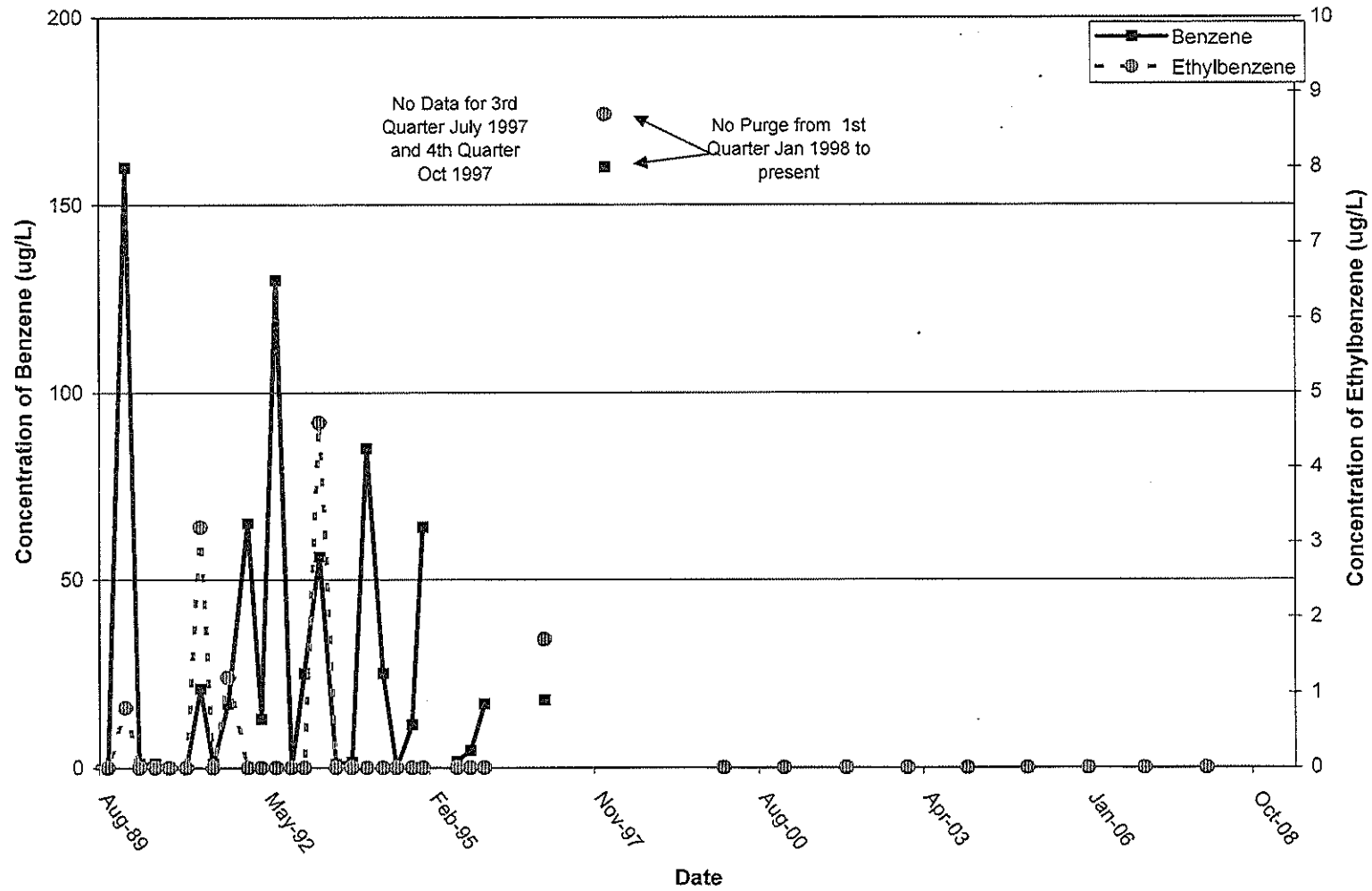




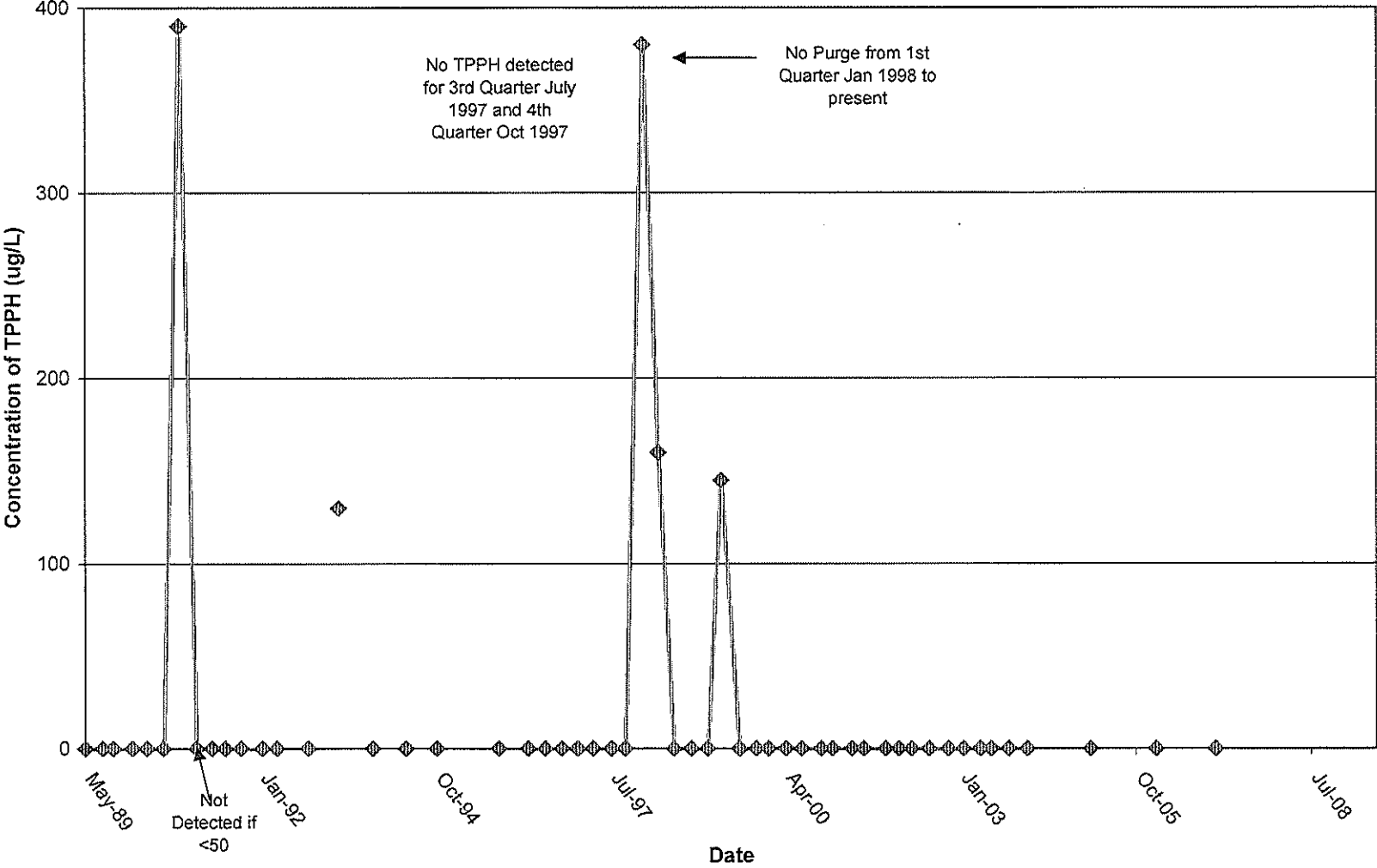
### Historical Concentration of TPPH in Well S-16



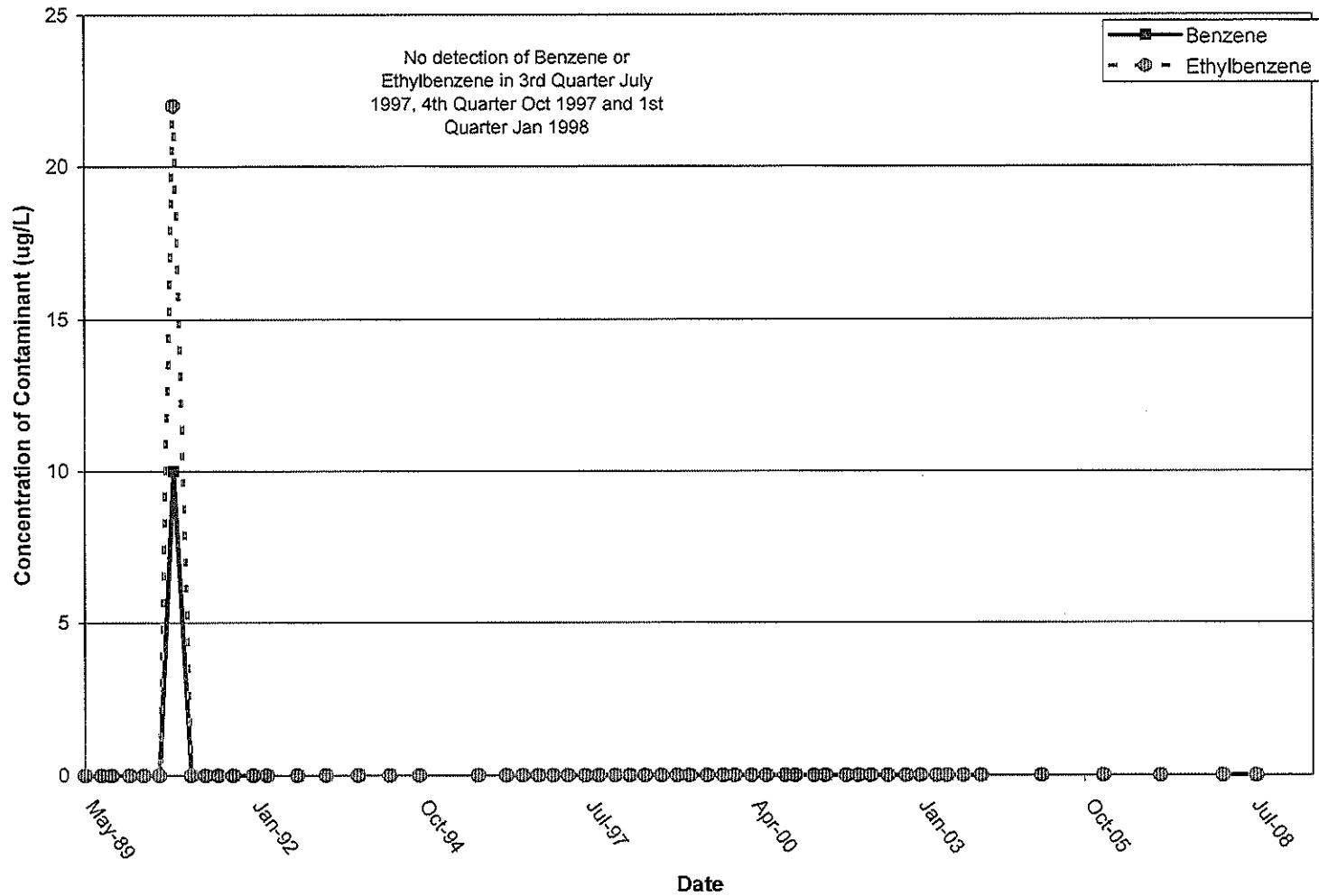
### Historical Concentrations of Benzene and Ethylbenzene in Well S-16



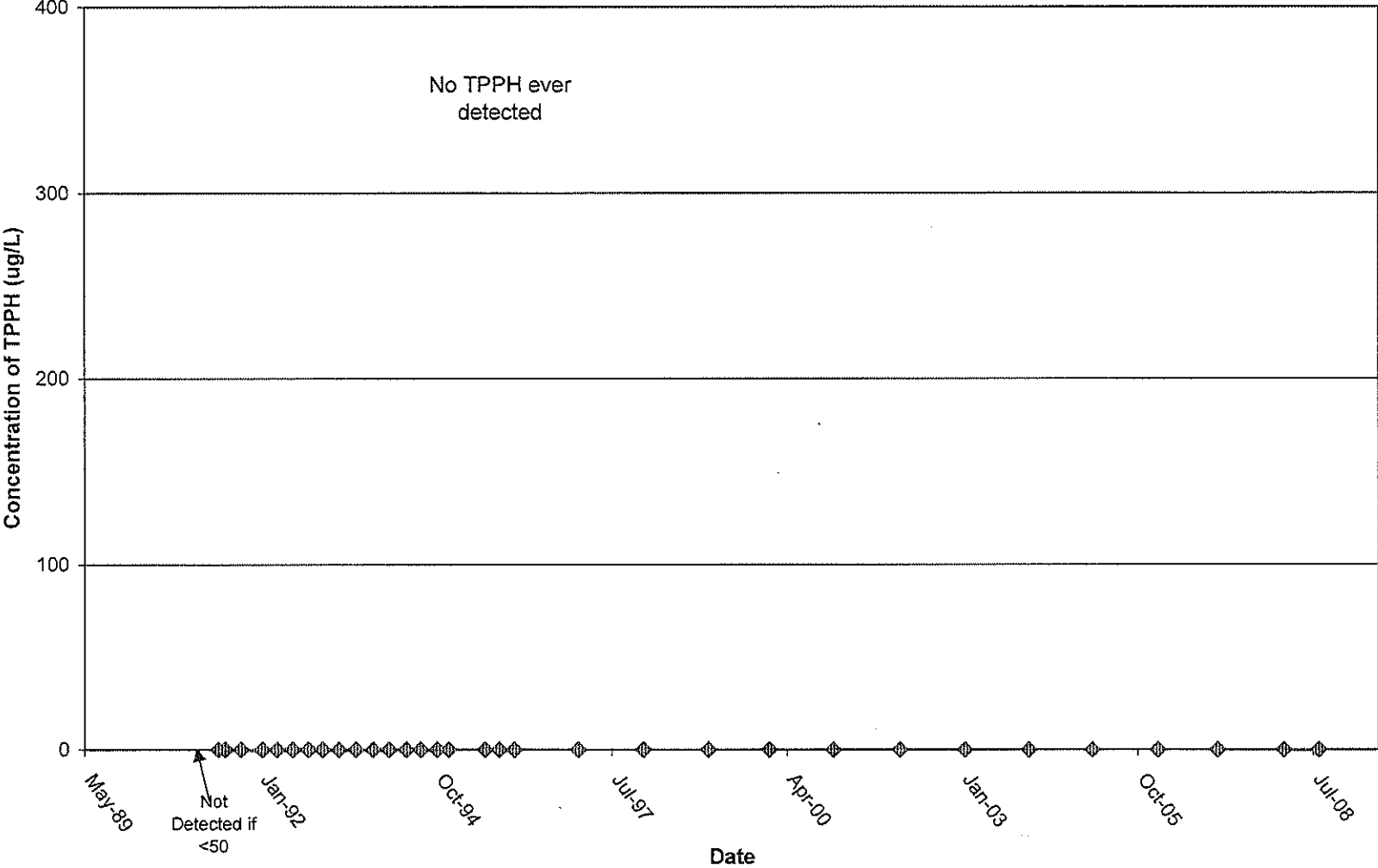
### Historical Concentration of TPPH in Well S-17



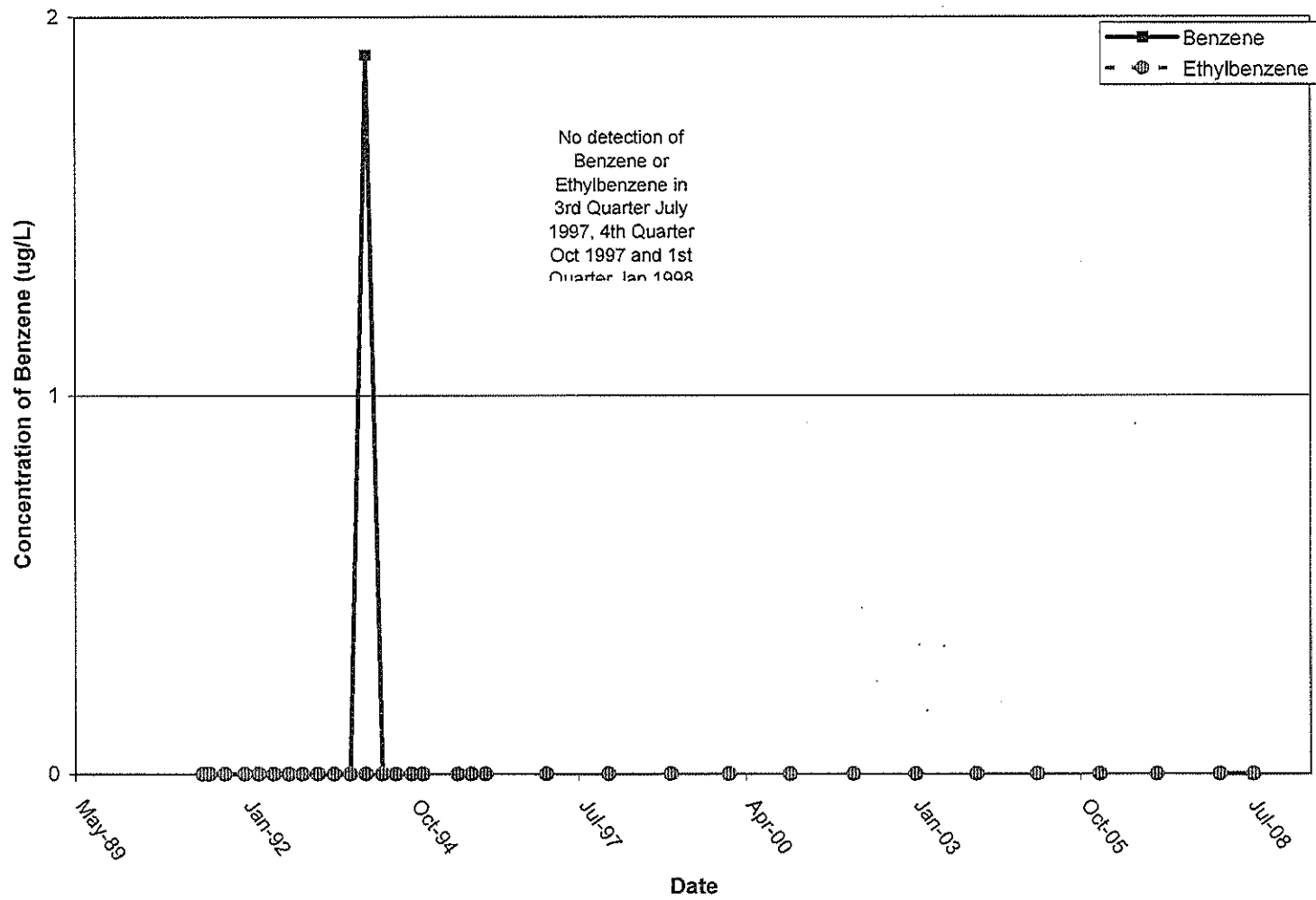
### Historical Concentrations of Benzene and Ethylbenzene in Well S-17



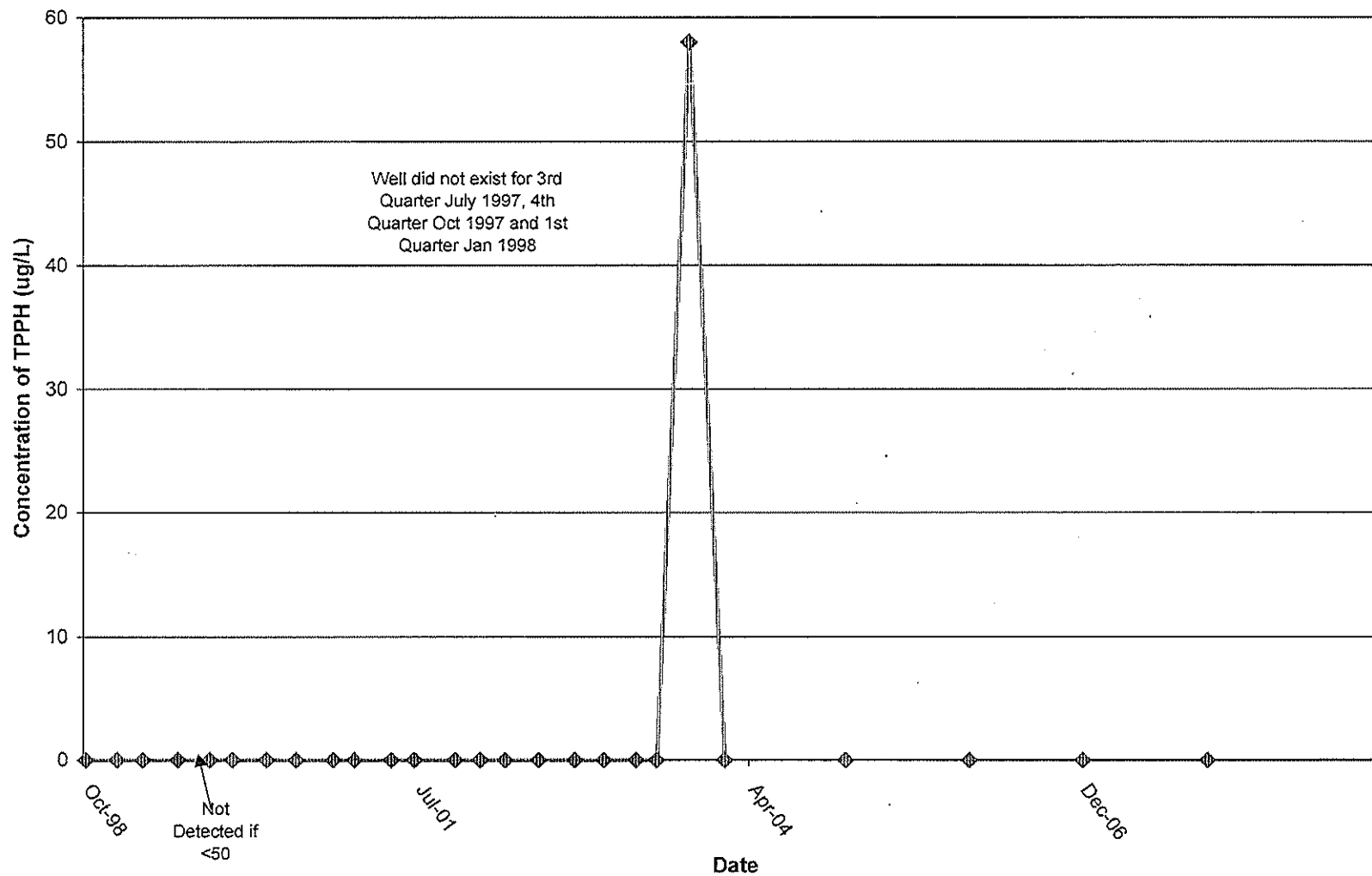
### Historical Concentration of TPPH in Well S-18



### Historical Concentrations of Benzene and Ethylbenzene in Well S-18



### Historical Concentration of TPPH in Well S-19



### Historical Concentrations of Benzene and Ethylbenzene in Well S-19

