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September 14, 2016

Karel Detterman, PG  
Hazardous Materials Specialist  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502

**Subject: Perjury Statement and Report Transmittal  
Data Gap Work Plan Addendum**  
27501 Loyola Avenue  
Hayward, California  
Site Cleanup Program Case No. RO0003150  
AEI Project No. 335476

Dear Ms. Detterman:

I declare under penalty of perjury, that the information and/or recommendations contained in the attached document for the above-referenced Site are true and correct to the best of my knowledge.

If you have any questions or need additional information, please do not hesitate to call me at (925) 918-0637, or Ms. Veronica Statham at AEI Consultants at (510) 907-3145.

Sincerely,



Mr. Daniel Bo

cc: Ms. Veronica Statham, AEI Consultants, 520 3rd Street, Suite 209, Oakland, CA 94607  
Mr. Jeremy Smith, AEI Consultants, 2500 Camino Diablo, Walnut Creek, CA 94597



# AEI Consultants

Environmental & Engineering Services

September 14, 2016

Karel Detterman, PG  
Hazardous Materials Specialist  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502

*Submitted Via Electronic Upload to GeoTracker (T10000007086)*

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27501 Loyola Avenue  
Hayward, California  
Site Cleanup Program Case No. RO0003150  
AEI Project No. 335476

Dear Ms. Detterman:

On behalf of Harvest Investments, AEI Consultants (AEI) has prepared this *Data Gap Work Plan Addendum ("Work Plan")* to present the proposed subsurface investigation activities to be conducted at 27501 Loyola Avenue in Hayward, California ("the Site"). This *Work Plan* has been prepared at the request of the Alameda County Environmental Health (ACEH) in their letter dated August 3, 2016, and supersedes the scope proposed in the *Subsurface Investigation Work Plan* previously submitted to ACDEH on March 24, 2016. A brief Site background, Site Conceptual Model (SCM), and our proposed investigation activities are presented below.

## 1.0 SITE LOCATION

The approximately 16,500 square foot Site is located on the south side of Bolero Avenue, between Hesperian Boulevard and Loyola Avenue, in a mixed commercial and residential area of Hayward, California (see Figure 1). The property is currently vacant and unpaved. The Site location is presented on Figure 1 and Figure 2.

## 2.0 PROPOSED DEVELOPMENT

The proposed development includes two, two-story single family residences with associated driveways, paved walkways, and landscaped areas. No basements are planned, and the expected foundation type is slab-on-grade. Only minor excavations to a maximum depth of up to five feet below grade surface (bgs) for footings, foundation elements, and utilities are anticipated. Proposed development plans are included herein as Attachment A. Cross sections of the Site depicting historical analytical data relative to the proposed development are presented on Figures 3 and 4.

### 3.0 BACKGROUND

Based on historical records researched, a Shell-branded gasoline station operated at the Site from at least 1956 to 1978 when the station closed (AEI, 2014). Between 1983 and 2001, extensive remediation and monitoring was conducted on the Site as described below (Cambria, 2000 and 2001; Hayward, 2001):

- Underground Storage Tank and Soil Removal:
  - Several underground storage tanks (USTs) have been identified to have been installed and removed from the property, including:
    - One 550-gallon waste oil UST (removal date unknown);
    - Two 8,000-gallon gasoline USTs (removal date unknown);
    - One gasoline UST (tank size and removal date unknown);
    - Three 5,000-gallon gasoline USTs removed in 1984;
    - One 8,000-gallon gasoline USTs removed in 1984;
    - One waste oil UST removed in 1984 (tank size unknown); and
    - One 1,000-gallon product recovery UST removed in 1993.
  - An undocumented volume of soil was also excavated during the UST removal activities in 1984.
  - Soil samples EX-1 and EX-2 from the ends of the tank excavation and stockpiled soil sample ST(ABCD) were collected during the 1,000-gallon UST removal in 1993. Laboratory analysis did not detect total petroleum hydrocarbons (TPH) or benzene, **toluene, ethylbenzene, and xylene (collectively known as "BTEX") above laboratory reporting limits.** Metals detected appeared generally consistent with background concentrations or were below residential Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs).
  - Available soil analytical results are provided in Table 1 and Table 2 and sample locations are depicted on Figure 2. Other analytical results from the other UST removals were not available from the sources researched.
- Monitoring Well Installation and Long Term Monitoring:
  - 36 wells were installed at the Site and vicinity between 1984 and 1989, including wells E-3 and S-4 through S-29 (installed 1984), S-30 through S-35 (installed 1988), and S-36 through S-38 (installed 1989).
  - Based on available records, wells E-3, S-15, S-16, S-17, S-34, and S-35 have reportedly been abandoned (E3 destroyed in 1983/1984, no date provided for remaining wells). No decommissioning documentation was available based on the documents researched. Based on the available records, it is assumed 29 wells remain (S-4 through S-14, S-18 through S-33, and S-36 through S-38). The unknown presence or absence of these wells is considered a data gap.
  - Stained soils, petroleum odors, and/or separate phase hydrocarbons (SPH) were observed at some borings (E-3, S-4 through S-9, S-11, S-12, S-13, S-15, S-18 through S-29, and S-37) during the installation activities.
  - Available soil analytical data from installation activities at monitoring wells E-3 and S-30 through S-38 did not detect TPH, or BTEX above laboratory reporting limits. TPH in the gasoline range (TPH-g) was detected at a concentration of 1 milligram per

- kilogram (mg/kg) at a sample collected from E-3 at a depth of 9 feet bgs. TPH-g was not detected in other soil samples analyzed.
- Based on the available groundwater monitoring data, elevated concentrations of TPH and BTEX were historically detected in wells S-4, S-5, S-7, S-8, S-12, S-19, S-20, S-21, S-22, and S-23 through S-29. With the exception of samples collected from S-7 between 1996 and 1997 and S-33 in 1996, methyl tert butyl ether (MTBE) was not detected above laboratory reporting limits. Concentrations of MTBE detected were well below the RWOCB ESL of 1,200 micrograms per liter (µg/L).
  - SPH, historically observed in wells S-4 through S-8, S-12, S-13, S-19, S-21, S-22, and S-25 through S-29, have not been observed in on-site wells since 1991.
  - Available soil analytical results from the well installation activities are provided in Table 1, and available groundwater monitoring data is presented in Table 3 (most recent data only) and Attachment B. Available well construction information is presented in Table 4. Sample locations are depicted on Figure 2.
  - Groundwater Extraction System: In 1985, selected monitoring wells S-4, S-5, S-6, S-8, S-9, S-12, S-13, S-19, S-20, S-23, and S-25 through S-29 were converted to groundwater extraction wells. Groundwater extraction was conducted between May 1985 through the first quarter of 1994. Approximately 15,623,280 gallons of groundwater, 487.75 pounds of SPH, and 9.5 pounds of dissolved phase hydrocarbons were removed during the extraction operations.
  - Soil Vapor Extraction Test: A soil vapor extraction (SVE) test was performed at the Site in 1994. During the test, approximately 36.8 pounds of TPH-g and 0.21 pounds of benzene were removed from the subsurface.
  - Oxygen Releasing Compound Installation: To enhance natural attenuation of remaining aqueous phase hydrocarbons, oxygen releasing compound (ORC) was installed in wells S-7, S-12, S-21, S-22, S-24, and S-27 during the third quarter of 1995.
  - Geophysical Investigation: A geophysical investigation was conducted in 2001 to evaluate whether USTs or other notable subsurface features remained at the Site. Though four notable magnetic anomalies were detected during the investigation, the geophysical consultant (Norcal Geophysical Consultants, Inc.) attributed the anomalies to be consistent with small metallic debris rather than a UST.
  - Additional Subsurface Investigation Activities:
    - In addition to initial subsurface investigation activities conducted within the area of the former USTs in 1984 (borings E-1 and E-2), additional soil borings were advanced throughout the Site in 2001 (borings B-1 through B-10) in support of case closure activities.
    - Elevated concentrations of TPH-g (up to 8,700 mg/kg) were detected in soil samples collected from E-1 and E-2. However, soil in this area was subsequently excavated as part of the UST removals.
    - In soil samples collected in 2001 from borings B-1 through B-10:
      - Minor concentrations of TPH in the motor oil range (TPH-mo; up to 17.2 mg/kg) and the volatile organic compound (VOC) p-isopropyl toluene (0.0059 mg/kg at B-10) were detected. Other VOCs were not detected above the laboratory reporting limits.
      - Minor concentrations of 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT (up to 0.327 mg/kg) were detected in some soil samples. Other pesticides were not detected above the laboratory reporting limits.

- Polychlorinated biphenyls (PCBs), polyaromatic hydrocarbons (PAHs), and semi volatile organic compounds (SVOCs) were not detected above laboratory reporting limits.
- Metals detected appeared generally consistent with background concentrations or were below residential RWQCB ESLs.
- Available soil analytical results are provided in Table 1 and Table 2, and sample locations are depicted on Figure 2.

On July 16, 2001, the Leaking Underground Storage Tank (LUST) case at the Site was granted closure by the RWQCB. However, the letter stated that any residual impacted soil or groundwater disturbed or removed during future redevelopment must be properly managed and disposed of. In addition, it stated that should property use intensify, a separate Site assessment shall be conducted and additional clearance obtained from the RWQCB.

#### 4.0 SITE CONCEPTUAL MODEL

As requested by the ACDEH, a SCM that assesses the nature, extent, and mobility of the release has been developed for the Site. The following section presents a conceptual model of the release occurrence, including a discussion of the physical setting of the Site, distribution of constituents of concern (COCs), potential exposure pathways and sensitive receptors, and data gaps that may exist in understanding the release. The SCM is also summarized in Table 5.

##### 4.1 GEOLOGY AND HYDROGEOLOGY

The Site is relatively flat and is at an elevation of approximately 27 feet above mean sea level. Based on prior investigative work (Cambria, 2001), soils beneath the property consist predominantly of silt with interbedded sand from near surface to depths of up to 7 to 10 feet bgs, sands to depths of 12 to 15 feet bgs, and interbedded sand and clay with occasional gravel to a total depth explored of approximately 31 feet bgs. Groundwater beneath the property has historically ranged in depth from 8.5 to 15.5 feet bgs. The groundwater flow direction generally trends toward the west, ranging from northwest to southwest, at a hydraulic gradient ranging from approximately 0.001 to 0.005 feet/feet. Groundwater isoconcentration contours for one of the most recent monitoring events conducted in 1999 are depicted on Figure 5 (only two wells were sampled in 2001, which is insufficient for calculating groundwater flow and gradient). A rose diagram presenting historical groundwater flow direction and gradients is presented as Figure 6.

##### 4.2 RELEASE OCCURRENCE

Based on historical records researched, a Shell-branded gasoline station operated at the Site from at least 1956 to 1978 when the station closed (AEI, 2014). The former gasoline station, and likely the associated USTs, are considered the primary source of petroleum hydrocarbon impacts identified at the Site.

##### 4.3 CONTAMINANTS OF CONCERN

Based on the previous investigations conducted at the Site as described above (Cambria, 2000 and 2001; Hayward, 2001), on-site COCs include TPH and BTEX in groundwater. Additionally,

BTEX will be retained as a COC in soil vapor due to its presence in groundwater and potential for vapor intrusion risk. Table 3 presents a summary of the most recent groundwater monitoring analytical data available, and historical groundwater monitoring information is included herein as Attachment B.

#### 4.4 NATURE AND EXTENT OF IMPACTS

##### 4.4.1 SOIL

Based on the available analytical data (Cambria, 2000 and 2001), TPH impacted soils were excavated during the UST removal activities in 1984. Though visual and olfactory observations of impacts were observed during the monitoring well drilling activities, the available analytical data detected only minor concentrations of TPH-mo. Additionally, several remediation activities have been conducted at the Site since that time (i.e., groundwater extraction, SVE, and ORC application).

##### 4.4.2 GROUNDWATER

Elevated TPH and BTEX compounds in groundwater appear generally limited to central and southern portions of the Site. Though elevated concentrations of TPH and BTEX were historically detected in wells S-4, S-5, S-7, S-8, S-12, S-19, S-20, S-21, S-22, and S-23 through S-29, available groundwater information subsequent to the remediation activities implemented at the Site (i.e., post-1995) only detected elevated TPH and BTEX at wells S-4 and S-25. Additionally, long term groundwater monitoring indicates no SPH had been detected in on-site and vicinity monitoring wells since 1991. However, groundwater monitoring at the Site has not been conducted since 2001. This presents a data gap to be addressed by this Work Plan.

##### 4.4.3 SOIL VAPOR

BTEX was detected in groundwater at concentrations above the RWQCB ESLs for vapor intrusion risk. Soil vapor samples have not been collected at the Site, and therefore presents a data gap to be addressed by this Work Plan.

#### 4.5 PREFERENTIAL PATHWAYS

Attempts to identify preferential pathways for contaminant transport within the Site have not been conducted, and therefore presents a data gap to be addressed by this Work Plan.

#### 4.6 WELL SEARCH

A 1,500-foot radius well search was requested from the Alameda County Public Works Agency (ACPWA) and California Department of Water Resources (DWR). The results of the well search are as follows:

- ACPWA identified 88 wells within 1,500 feet of the Site. A majority of the wells identified were monitoring wells, cathodic, extraction, or abandoned or destroyed wells. Of the 88 wells identified, 6 wells were identified for use as irrigation or domestic wells, as described below. Identified wells appear to be located primarily cross-gradient of the Site (groundwater flow direction generally trends toward the west).

- Irrigation well at 27065 Hesperian Boulevard, approximately 1,350 feet north/northwest of the Site.
- Irrigation well listed at Mt Eden Park and Darwin Street, approximately 1,300 feet north/northwest of the Site.
- Irrigation well at Darwin Street and Hesperian Boulevard, approximately 1,150 feet north/northwest of the Site.
- Irrigation well at W Tennyson Road and Hesperian Boulevard, approximately 650 feet north/northwest of the Site.
- One irrigation well and one domestic well were also identified within 1,500 feet from the Site; however, no additional information regarding their location was provided.
- The DWR well search did not identify domestic, public water supply, or irrigation wells at specific locations within 1,500 feet of the Site. One well with an unspecified use type was identified approximately 1,200 feet north/northwest of the Site near Darwin Street and Hesperian Boulevard. No further information was available. The well with an unspecified use type is likely the irrigation well identified by the ACPWA at this location.

Identified wells are depicted on Figure 7.

#### 4.7 RECEPTORS AND EXPOSURE PATHWAYS

Potential exposure pathways and receptors were evaluated based on the proposed residential Site usage. Exposure pathways and receptor analysis is a component of determining the potential threats posed by a release as part of the evaluation of cleanup targets and need for/extent of remedial action. Potentially complete exposure pathways and receptors are identified based on the following criteria:

- A source and mechanism of chemical release;
- One of more retention or transport media (e.g. soil, groundwater, air, or surface water);
- A potential exposure point with the media (i.e. the contact point with the media); and
- An exposure route at the point of contact (e.g. inhalation, ingestion, or dermal contact).

The proposed development includes two, two-story single family residences with associated driveways, paved walkways, and landscaped areas. As such, the potential exposure pathways and receptors were evaluated for the following:

- Future residents who will occupy the surface and building; and
- Construction/utility workers who could potentially excavate to five feet bgs.

##### 4.7.1 SOIL (NEAR OR SUBSURFACE)

The soil contact pathway is considered when impacted soils are present. The proposed development would cover the Site with concrete foundation elements at the future building footprints, paved driveways and walkways, and landscaped areas. The direct exposure pathway for near surface and subsurface soils is considered incomplete for future residents and potentially complete for construction/utility workers. Future residents are not expected to come into contact with subsurface soils which could be impacted, whereas construction/utility workers may contact these soils if excavation of the Site greater than five feet bgs is performed.

#### 4.7.2 GROUNDWATER

The groundwater pathway is considered when impacted groundwater is present. By default, groundwater is considered to be designated as beneficial use or potential beneficial use by the RWQCB. However, the Site is served by municipal supply (Hayward purchases its water from the Hetch Hetchy Regional Water System and Alameda watersheds, which is managed by the San Francisco Public Utilities Commission) and groundwater is not directly used at the Site. Therefore, the direct exposure pathway for impacted groundwater is considered incomplete for future residents. The direct exposure pathway for impacted groundwater is considered incomplete for construction/utility workers since the maximum expected excavation depth is five feet and groundwater beneath the property has historically ranged in depth from 8.5 to 15.5 feet bgs.

#### 4.7.3 SURFACE WATER

The direct exposure pathway for impacted surface water is considered incomplete. The nearest surface water body is the San Francisco Bay, located approximately 3 miles of the west of the Site. Based on the distance to the nearest surface water body, surface water is not expected to be impacted by COCs at the Site.

#### 4.7.4 AIR (INDOOR AND OUTDOOR)

The air pathway is considered when there is a potential for the transport of impacts through the air. The vapor intrusion pathway from impacted soil and/or groundwater to indoor or outdoor air is potentially complete where volatile contaminants are present in shallow soil and/or groundwater beneath a structure which can be occupied. Air impacts relating to human exposure typically only consider indoor air. Based on the BTEX concentrations historically detected in groundwater (above ESLs for vapor intrusion risk), the air pathway for residents and construction/utility workers is considered complete.

### 5.0 SCOPE OF WORK

To identify data gaps at the Site, AEI proposes:

- A field utility scan to identify potential preferential migration pathways;
- The collection of soil vapor samples in order to evaluate the potential for vapor intrusion to the proposed future residential buildings;
- Field observations to evaluate whether wells S-4 through S-14, S-18 through S-33, and S-36 through S-38 remain on-site and in the vicinity; and
- If present, sampling select on-site wells to evaluate residual petroleum impacts to groundwater, if any.

#### 5.1 Preliminary Field Activities

A Site-specific health and safety plan will be prepared, reviewed by on-site personnel, and kept on-site for the duration of the fieldwork. Drilling permits will be obtained from ACPWA for this investigation. The public underground utility locating service Underground Service Alert (USA) will be notified to identify public utilities in the work area at least 48 hours to drilling activities. Under the oversight of a licensed professional geologist or engineer, a field utility scan will be conducted



by an independent utility locating company to identify underground utilities on the property. In addition to scanning areas of the proposed boring locations, the field utility scan will identify areas of abandoned utilities, if present, which may serve as preferential pathways.

## 5.2 Soil Vapor Sample Collection and Laboratory Analysis

AEI will advance four soil borings (SV-1 through SV-4) to a total depth of 5.5 feet bgs via a limited-access drill rig equipped with Direct Push Technology. Borings SV-1 through SV-4 are proposed at locations beneath future occupied spaces of the proposed residential buildings (specifically, anticipated areas of guest rooms and studies). The expected foundation type is slab-on-grade; therefore, the proposed soil vapor samples will be collected at a depth of approximately five feet below the proposed construction.

At each location, the soil core will be observed and described using the Unified Soil Classification System (USCS) and Munsell Soil Color Chart. The soil core will also be screened with a photo ionization detector (PID) for VOCs. Soil description, color, odor, PID measurements, and other notable features will be recorded on field boring logs.

Following soil boring advancement, a temporary soil vapor probe will be constructed in general accordance with the *Advisory – Active Soil Gas Investigations*, dated July 2015 and issued by the California Department of Toxic Substances Control (DTSC) and Los Angeles and San Francisco Regional Water Quality Control Boards. Each soil vapor probe will be constructed with a vapor screen attached to ¼-inch O.D. Teflon or equivalent tubing placed at approximately five feet bgs and covered with approximately one-foot of sand. The soil vapor probe will then be sealed by backfilling the remaining section of borehole with bentonite to the surface.

After waiting the *Advisory*-recommended equilibration time of a minimum of two-hours, a shut-in test, a leak test, and purging of the sample tubing and screen will be conducted. Soil vapor samples will then be collected from each of the newly constructed soil vapor probes using laboratory-supplied, batch-certified clean, one-liter canisters and flow regulators set at approximately 150 milliliters per minute (mL/min). After approximately five minutes (depending on the down-hole vacuum), or -5 in Hg vacuum in the canister, each canister will be closed and removed from the sampling line and the final canister vacuum will be recorded. The Summa canister sample will be sealed with a gas tight cap, appropriately labeled, and entered onto a chain-of-custody documentation for delivery to an off-site California Department of Health Services (DHS) certified analytical laboratory. Samples will be analyzed for TPH-g, BTEX, and MTBE by USEPA Test Method TO-15. For quality assurance/quality control purposes, soil vapor samples will also be analyzed for oxygen, carbon dioxide, methane, and the leak check compound helium by ASTM D1945.

## 5.3 Boring Destruction

Following sample collection and removal of the soil vapor probes, the borings will be destroyed as required by ACPWA and completed at the surface with concrete.

#### 5.4 Groundwater Sampling and Laboratory Analysis

If present, AEI will sample the below on-site wells to evaluate residual petroleum impacts to groundwater, if any. The rationale for sampling the selected wells is as follows:

- S-4 – Residual BTEX compounds above ESLs as of the last sampling event in 2001, and in close proximity to the proposed residence to the north.
- S-21 – Located within the footprint of the proposed residence to the south.
- S-25 – Residual BTEX compounds above ESLs as of the last sampling event in 2001, and located on the down-gradient edge of the Site.

Prior to sampling, the depth to water will be measured in each well to  $\pm 0.01$  foot using an electronic depth to water meter. The wells will then be purged using a submersible pump for a total of three well volumes or until significant well dewatering has occurred. During well purging, the groundwater parameters temperature, pH, specific conductivity, dissolved oxygen (DO), oxidation-reduction potential (ORP), and turbidity (based on visual observations) will be measured at approximately five-minute intervals. The soil core will also be screened with a photo ionization detector (PID) for VOCs. Depth to water and measured groundwater parameters will be recorded on field logs.

Once purging is completed, groundwater samples will be collected from each well using a disposal bailer. Samples will be collected in appropriate laboratory-supplied containers. The samples will be labeled, entered onto the chain-of-custody record, and placed in a cooler on water ice for delivery to an off-site California DHS certified analytical laboratory for analysis of TPH-g, BTEX, and MTBE by USEPA Test Method 8260B and TPH-mo and TPH in the diesel range (TPH-d) by USEPA Test Method 8015, with silica gel cleanup.

#### 5.5 Investigation Derived Waste

Any investigation derived waste will be left on-site in sealed, labeled, department of transportation (DOT) approved 55-gallon drums. Disposal will depend upon the receipt of the analytical results.

#### 5.6 Reporting

The report will summarize the investigation activities, include an interpretation of the data, and be signed by a registered professional. The results will be compared to the current RWQCB ESLs for the evaluation of Site-specific cleanup levels, as needed. The report will additionally include figures, comprehensive data tables, boring logs, and copies of the laboratory analytical report.

#### 6.0 ESTIMATED SCHEDULE

Following approval of this Work Plan, AEI will implement the proposed scope of work contingent upon drilling permit approval and contractor availability:

- Two weeks to complete the preliminary field activities;
- One week to complete the field work for the soil vapor investigation and groundwater sampling (if conducted);
- One week for receipt of the laboratory analytical results; and
- Two weeks for data evaluation and report preparation.

## 7.0 REFERENCES

AEI Consultants. 2014. *Phase I Environmental Site Assessment, 27501 Loyola Avenue, Hayward, Alameda County, California*. October 21.

Cambria. 2000. *Site Closure Report, Former Shell-Branded Service Station, 27501 Loyola Avenue, Hayward, California*. July 31.

\_\_\_\_\_. 2001. *Human Health Risk Assessment (Residential Use), Former Shell Service Station, 27501 Loyola Avenue, Hayward, California*. May 10.

California Department of Toxic Substances Control (DTSC) and Los Angeles and San Francisco Regional Water Quality Control Boards. 2015. *Advisory – Active Soil Gas Investigations*. July.

City of Hayward. 2001. *Case Closure Request for the Site of Former Shell Service Station, 27501 Loyola Avenue, Hayward, California*. June 29.

## 8.0 LIMITATIONS

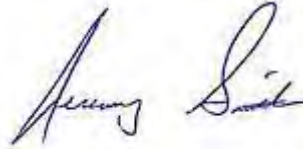
This Work Plan presents a scope of work by AEI Consultants. This Work Plan may include observations and descriptions of Site conditions. Where appropriate, it includes analytical results for samples taken during the course of work previously conducted at the Site. The number and location of samples are chosen to provide requested information, but it cannot be assumed that they are entirely representative of all areas not sampled. All conclusions and recommendations are based on these analyses, observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document. These services were and any planned work will be performed in accordance with generally accepted practices in the environmental engineering and geology fields that existed at the time and location of the work. No other warranty, either expressed or implied, has been made.

If there are any questions regarding our investigation, please do not hesitate to contact AEI at (510) 907-3145.

Sincerely,  
AEI Consultants



Veronica T. Statham, PE  
Senior Engineer



Jeremy Smith  
Senior Project Manager

#### Tables

Table 1	Soil Sample Data Summary (TPH and VOCs)
Table 2	Soil Sample Data Summary (Other Compounds)
Table 3	Groundwater Sample Data Summary
Table 4	Well Construction Data
Table 5	Site Conceptual Model

#### Figures

Figure 1	Site Location Map
Figure 2	Site Map
Figure 3	Cross Section A-A'
Figure 4	Cross Section B-B' and Cross Section C-C'
Figure 5	Groundwater Elevation Contours (Feb. 24, 1999)
Figure 6	Rose Diagram
Figure 7	ACPWA and DWR Well Search

#### Appendices

Attachment A	Proposed Development Plans
Attachment B	Historical Groundwater Data

## TABLES

TABLE 1  
 Soil Sample Data Summary (TPH and VOCs)  
 27501 Loyola Avenue, Hayward, California

Sample ID	Date Sampled	Sample Depth (feet bgs)	TPH (mg/kg)	TPH-g (mg/kg)	TPH-d (mg/kg)	TPH-mo (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	p-Isopropyl-toluene (mg/kg)	Other VOCs (mg/kg)
Comparison Values:													
ESL (Residential, Shallow)			--	740	230	11,000	--	0.023	970	5.1	560	--	--
ESL (Leaching to Groundwater, Drinking Water)			--	770	570	--	--	0.044	2.9	1.4	2.3	--	--
ESL (Any Land Use, Any Depth)			--	2,800	880	32,000	--	24	4,100	480	2,400	--	--
E-1-4	7/24/1984	4-5.5	--	1,500	--	--	--	--	--	--	--	--	--
E-1-9	7/24/1984	9-10.5	--	8,700	--	--	--	--	--	--	--	--	--
E-2-4	7/24/1984	4-5.5	--	14	--	--	--	--	--	--	--	--	--
E-2-9	7/24/1984	9-10.5	--	1,800	--	--	--	--	--	--	--	--	--
E-3-4	7/24/1984	4-5.5	--	<1	--	--	--	--	--	--	--	--	--
E-3-9	7/24/1984	9-10.5	--	1	--	--	--	--	--	--	--	--	--
S-30-11	06/25/89	9.5-11	--	<5	--	--	--	<0.05	<0.1	<0.1	<0.3	--	--
S-30-31	06/25/89	29.5-31	--	<5	--	--	--	<0.05	<0.1	<0.1	<0.3	--	--
S-31-9	06/25/89	9-10.5	--	<5	--	--	--	<0.05	<0.1	<0.1	<0.3	--	--
S-31-31	06/25/89	29.5-31	--	<5	--	--	--	<0.05	<0.1	<0.1	<0.3	--	--
S-32-9	06/25/89	9-10.5	--	<5	--	--	--	<0.05	<0.1	<0.1	<0.3	--	--
S-32-31	06/25/89	29.5-31	--	<5	--	--	--	<0.05	<0.1	<0.1	<0.3	--	--
S-33-9	06/25/89	9-10.5	--	<5	--	--	--	<0.05	<0.1	<0.1	<0.3	--	--
S-33-24	06/25/89	24-25.5	--	<5	--	--	--	<0.05	<0.1	<0.1	<0.3	--	--
S-34-9	06/25/89	9-10.5	--	<5	--	--	--	<0.05	<0.1	<0.1	<0.3	--	--
S-34-24	06/25/89	22.5-24	--	<5	--	--	--	<0.05	<0.1	<0.1	<0.3	--	--
S-35-11	06/25/89	9.5-11	--	<5	--	--	--	<0.05	<0.1	<0.1	<0.3	--	--
S-35-23	06/25/89	21.5-23	--	<5	--	--	--	<0.05	<0.1	<0.1	<0.3	--	--
S-36-10'	06/25/89	10	ND	--	--	--	--	ND	ND	ND	ND	--	--
S-36-25'	06/25/89	25	ND	--	--	--	--	ND	ND	ND	ND	--	--
S-37-11'	06/25/89	11	ND	--	--	--	--	ND	ND	ND	ND	--	--
S-37-21'	06/25/89	21	ND	--	--	--	--	ND	ND	ND	ND	--	--
S-37-31'	06/25/89	31	ND	--	--	--	--	ND	ND	ND	ND	--	--
S-38-10'	07/12/89	10	ND	--	--	--	--	ND	ND	ND	ND	--	--

TABLE 1  
Soil Sample Data Summary (TPH and VOCs)  
27501 Loyola Avenue, Hayward, California

Sample ID	Date Sampled	Sample Depth (feet bgs)	TPH (mg/kg)	TPH-g (mg/kg)	TPH-d (mg/kg)	TPH-mo (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	p-Isopropyltoluene (mg/kg)	Other VOCs (mg/kg)
Comparison Values:													
ESL (Residential, Shallow)			--	740	230	11,000	--	0.023	970	5.1	560	--	--
ESL (Leaching to Groundwater, Drinking Water)			--	770	570	--	--	0.044	2.9	1.4	2.3	--	--
ESL (Any Land Use, Any Depth)			--	2,800	880	32,000	--	24	4,100	480	2,400	--	--
EX-1	12/15/93	5	<1	--	--	--	--	<0.005	<0.005	<0.005	<0.005	--	--
EX-2	12/15/93	5	<1	--	--	--	--	<0.005	<0.005	<0.005	<0.005	--	--
ST(ABCD)	12/15/93	Stockpile Sample	<1	--	--	--	--	<0.005	<0.005	<0.005	<0.005	--	--
B-7-1	04/03/01	0.5-1.0	--	<1	<5	14.50	<0.005	--	--	--	--	--	--
B-7-3	04/03/01	3.0-3.5	--	<1	<5	<10	<0.005	--	--	--	--	--	--
B-7-6	04/03/01	6.0-6.5	--	<1	<5	<10	<0.005	--	--	--	--	--	--
B-8-1	04/03/01	0.5-1.0	--	<1	<5	17.2	<0.005	--	--	--	--	--	--
B-8-3	04/03/01	3.0-3.5	--	<1	<5	11.2	<0.005	--	--	--	--	--	--
B-8-6	04/03/01	6.0-6.5	--	<1	<5	<10	<0.005	--	--	--	--	--	--
B-9-1	04/03/01	0.5-1.0	--	<1	--	--	<0.005	--	--	--	--	--	--
B-9-3	04/03/01	3.0-3.5	--	<1	--	--	<0.005	--	--	--	--	--	--
B-9-6	04/03/01	6.0-6.5	--	<1	--	--	<0.005	--	--	--	--	--	--
B-10-1	04/03/01	0.5-1.0	--	<1	<5	15.2	<0.005	--	--	--	--	ND	ND
B-10-3	04/03/01	3.0-3.5	--	<1	<5	<10	<0.005	--	--	--	--	0.0059	ND
B-10-6	04/03/01	6.0-6.5	--	<1	<5	12.8	<0.005	--	--	--	--	ND	ND

Notes:

- TPH = total petroleum hydrocarbons
- TPH-g = total petroleum hydrocarbons in the gasoline range
- TPH-d = total petroleum hydrocarbons in the diesel range
- TPH-mo = total petroleum hydrocarbons in the motor oil range
- BTEX = benzene, toluene, ethylbenzene, and xylenes
- VOC = volatile organic compound
- bgs = below ground surface
- mg/kg = milligrams per kilogram
- ND = Not detected above laboratory reporting limits; reporting limit not available from reports researched
- Strikeout text = Soil subsequently excavated
- = Not analyzed or not applicable
- ESL = Environmental Screening Level, Summary of Soil ESLs, Table S-1, Direct Exposure and Table S-2, Leaching to Groundwater Levels-Drinking Water (February 2016)

Analytical information based on review of:

- Letter by Gettler-Ryan Inc. dated November 19, 1987.
- Case Closure Summary by City of Hayward Fire Department, dated June 19, 1996.
- Human Health Risk Assessment by Cambria, dated May 10, 2001.

TABLE 2  
Soil Sample Data Summary (Other Compounds)  
27501 Loyola Avenue, Hayward, California

Sample ID	Date Sampled	Sample Depth (feet bgs)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium III (mg/kg)	Total Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Thallium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)	4,4'-DDD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)	Other Pesticides (mg/kg)	PCBs (mg/kg)	PAHs (mg/kg)	SVOCs (mg/kg)	
Comparison Values:																												
ESL (Residential, Shallow)			31	0.067	15,000	150	39	120,000	--	23	3,100	80	13	390	820	390	390	0.78	390	23,000	2.7	1.9	1.9	--	0.25	--	--	
ESL (Leaching to Groundwater, Drinking Water)			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	750	1,100	4.3	--	6.3	--	--
ESL (Any Land Use, Any Depth)			140	0.980	3,000	42	43	530,000	--	28	14,000	160	44	1,800	86	1,700	1,800	3.5	470	110,000	81	57	57	--	9.6	--	--	
EX-1	12/15/93	5	--	--	--	--	--	--	--	--	--	9.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
EX-2	12/15/93	5	--	--	--	--	--	--	--	--	--	9.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
STABED	04/03/01	Stockpile Sample	5.6	5.6	73	0.5	0.5	29	--	5.66	15	14	0.076	11.5	37	5.8	0.58	5.6	24	47	--	--	--	--	--	--	--	
B-1-1	04/03/01	0.5-1.0	--	2.18	--	--	<0.943	--	36.6	--	--	15.5	--	--	48.3	--	--	--	--	77.8	ND	ND	ND	ND	--	ND	--	
B-2-1	04/03/01	0.5-1.0	--	<1.92	--	--	--	--	--	--	--	<7.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-3-1	04/03/01	0.5-1.0	--	5.10	--	--	<0.962	--	34.1	--	--	8.1	--	--	44.6	--	--	--	--	351	0.0300	0.260	0.175	ND	--	ND	--	
B-4-1	04/03/01	0.5-1.0	--	2.42	--	--	--	--	--	--	--	<7.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-5-1	04/03/01	0.5-1.0	--	3.72	--	--	--	--	--	--	--	<7.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-7-1	04/03/01	0.5-1.0	--	2.59	--	--	--	--	--	--	--	<6.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-7-3	04/03/01	3.0-3.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-7-6	04/03/01	6.0-6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-8-1	04/03/01	0.5-1.0	--	4.32	--	--	<0.962	--	28.5	--	--	7.11	--	--	38.6	--	--	--	--	53.6	0.0104	0.054	0.0612	ND	--	ND	--	
B-8-3	04/03/01	3.0-3.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-8-6	04/03/01	6.0-6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-9-1	04/03/01	0.5-1.0	--	3.09	--	--	--	--	--	--	--	<6.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-9-3	04/03/01	3.0-3.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-9-6	04/03/01	6.0-6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-10-1	04/03/01	0.5-1.0	--	4.81	--	--	<0.862	--	37.1	--	--	8.69	--	--	41.2	--	--	--	--	85.5	0.0229	0.327	0.019	ND	ND	ND	ND	
B-10-3	04/03/01	3.0-3.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-10-6	04/03/01	6.0-6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Notes:  
 4,4'-DDD = 4,4'-dichlorodiphenylchloroethane  
 4,4'-DDE = 4,4'-dichlorodiphenylchloroethylene  
 4,4'-DDT = 4,4'-dichlorodiphenyltrichloroethane  
 PCB = polychlorinated biphenyl  
 PAH = polycyclic aromatic hydrocarbons  
 SVOC = semi volatile organic compound  
 bgs = below ground surface  
 mg/kg = milligrams per kilogram  
 ND = Not detected above laboratory reporting limits; reporting limit not available from reports researched  
 -- = Not analyzed  
 ESL = Environmental Screening Level, Summary of Soil ESLs, Table S-1, Direct Exposure and Table S-2, Leaching to Groundwater Levels-Drinking Water (February 2016)

Analytical information based on review of:  
 Letter by Gettler-Ryan Inc. dated November 19, 1987.  
 Case Closure Summary by City of Hayward Fire Department, dated June 19, 1996.  
 Human Health Risk Assessment by Cambris, dated May 10, 2001.



TABLE 3  
Groundwater Sample Data Summary  
27501 Loyola Avenue, Hayward, California

Sample ID	Date Sampled	TPH (ug/L)	TEPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethlybenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	SPH Thickness (ft)
Comparison Values:									
ESL (Shallow, Residential)		--	--	1.1	3,600	13	1,300	1,200	--
S-4	04/20/89	41,000	41,000	5,300	11,000	2,000	12,000	--	0
S-4a	02/20/01	--	--	68	15	49	130	<0.50	0
S-5	07/24/89	3,700	--	150	290	110	630	--	0
S-7	05/21/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-7	07/23/98	610	--	7.3	<2.5	11	10	<12	0
S-7	11/05/98	200	--	2.1	<0.50	<0.50	0.56	<2.5	0
S-7	02/24/99	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-8	04/19/89	8,600	--	90	400	200	1,700	--	0
S-8	04/24/89	850	--	48	130	27	170	--	0
S-9	05/11/95	<50	--	<0.5	<0.5	1.8	<0.5	--	0
S-9	08/18/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-9	10/31/95	<50	--	<0.5	<0.5	0.7	<0.5	--	0
S-9	04/19/96	<50	--	<0.50	<0.50	0.77	<0.50	--	0
S-10	02/24/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-10	05/11/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-10	08/18/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-10	10/31/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-11	11/13/97	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-11	01/22/97	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-11	05/21/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-11	02/24/99	98	--	<0.50	<0.50	3.0	3.4	<2.5	0
S-12	05/21/98	2,600	--	6.9	13	210	20	7.3	0
S-12	07/23/98	980	--	18	<5.0	99	14	<25	0
S-12	11/05/98	360	--	1.1	<0.50	1.8	1.7	<2.5	0
S-12	02/24/98	1,500	--	11	<10	56	62	52	0
S-14	02/24/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-14	05/11/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-14	08/18/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-14	10/31/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-15	04/19/89	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-15	07/24/89	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-15	01/08/90	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-15	02/10/93	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-16	07/07/92	<50	--	1.1	4.8	1.1	8.3	--	0
S-16	10/01/92	<50	--	<0.5	0.9	<0.5	1.6	--	0
S-16	02/10/93	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-16	05/06/93	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-17	04/19/89	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-17	07/24/89	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-17	01/08/90	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-17	02/10/93	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-18	02/24/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-18	05/11/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-18	08/18/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-18	10/31/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-19	01/11/88	8,400	--	270	520	380	2,000	--	--
S-19	07/24/89	3,800	--	50	50	80	570	--	0
S-19	01/08/90	5,500	--	24	24	57	490	--	0
S-20	01/11/88	37,000	--	1,600	3,500	1,300	7,600	--	--
S-20	04/01/89	110,000	--	1,200	4,900	3,300	16,000	--	0
S-20	07/24/89	26,000	--	530	900	1,000	6,200	--	0
S-21	04/19/96	83	--	2.0	<0.50	1.1	2	--	--
S-21	02/05/97	200	--	2.5	1.4	10	28	<2.5	0
S-21	01/22/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-21	02/24/99	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-22	04/19/96	1,400	--	39	<2.5	62	48	--	0
S-22	02/05/97	380	--	20	1.2	10	34	3.4	0
S-22	01/22/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-22	02/24/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-23	02/10/93	410	--	1.4	<0.5	1.5	2.0	--	0
S-23	05/06/93	370	--	<0.5	0.9	1.8	5.4	--	--
S-23	08/24/93	160	--	4.7	0.6	2.8	5.7	--	0
S-23	11/17/93	210	--	<0.5	<0.5	<0.5	5.3	--	0
S-24	05/21/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-24	07/23/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-24	11/05/98	110	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-24	02/24/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0

TABLE 3  
Groundwater Sample Data Summary  
27501 Loyola Avenue, Hayward, California

Sample ID	Date Sampled	TPH (ug/L)	TEPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethlybenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	SPH Thickness (ft)
Comparison Values:									
ESL (Shallow, Residential)		--	--	1.1	3,600	13	1,300	1,200	--
S-25	05/06/93	12,000	--	180	<0.5	260	7,330	--	--
S-25	08/25/93	19,000	--	67	<0.5	190	410	--	0
S-25	11/17/93	50,000	--	180	350	820	1,100	--	0
S-25a	02/20/01	--	--	4.2	1.1	9.7	3.1	<1.0	0
S-26	02/10/93	1,600	--	<0.5	<0.5	15	71	--	0
S-26	05/06/93	1,600	--	<0.5	<0.5	8.6	39	--	--
S-26	08/25/93	860	--	2.5	3.0	6.9	23	--	0
S-26	11/17/93	1,100	--	<0.5	9.2	16	36	--	0
S-27	02/10/93	7,000	--	<0.5	<0.5	140	1,100	--	0
S-27	05/06/93	800	--	<0.5	<0.5	60	270	--	--
S-27	08/24/93	1,700	--	<0.5	<0.5	66	230	--	0
S-27	11/17/93	240	--	3.1	<0.5	10	17	--	0
S-28	02/24/95	<50	--	<0.5	<0.5	1.3	2.6	--	0
S-28	05/11/95	<50	--	<0.5	<0.5	<0.5	1.0	--	0
S-28	08/18/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-28	10/31/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-29	02/09/89	180	--	7.1	<0.5	4.0	4.0	--	0
S-29	04/19/89	170	--	9.9	<0.5	2.0	<0.5	--	0
S-29	07/24/89	140	--	7.8	<0.5	3.0	3.0	--	0
S-29	10/24/89	68	--	2.9	<0.5	2.3	3.0	--	0
S-30	11/13/97	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-30	01/22/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-30	05/21/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-30	02/24/99	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-31	11/13/97	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-31	01/22/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-31	05/21/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-31	02/24/99	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-32	10/01/92	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-32	02/11/93	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-32	05/06/93	<50	--	<0.5	<0.5	<0.5	1.8	--	--
S-32	08/24/93	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-33	11/13/97	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-33	01/22/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-33	05/21/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-33	02/24/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-34	07/07/92	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-34	10/01/92	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-34	02/11/93	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-34	05/06/93	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-35	07/07/92	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-35	10/01/92	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-35	02/11/93	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-35	05/06/93	<50	--	<0.5	<0.5	1.6	7.1	--	0
S-36	02/24/95	<50	--	<0.5	0.7	<0.5	<0.5	--	0
S-36	05/11/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-36	08/18/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-36	10/31/95	<50	--	<0.5	<0.5	<0.5	<0.5	--	0
S-37	05/21/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-37	07/23/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-37	11/05/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-37	02/24/99	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-38	11/13/97	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-38	01/22/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-38	05/21/98	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0
S-38	02/24/99	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	0

Notes:

- TPPH = total petroleum hydrocarbons
- TEPH = total extractable petroleum hydrocarbons in the gasoline range
- MTBE = methyl tert-butyl ether
- SPH = Separate Phase Hydrocarbons
- ug/L = microgram per liter
- ft = feet
- Strikeout text = Well Abandoned
- = Not applicable or not analyzed
- ESL = Environmental Screening Level, Summary of Groundwater ESLs, Table GW-3, Groundwater Vapor Intrusion Human Health Risk Levels (February 2016)

Analytical information based on review of:  
*Human Health Risk Assessment* by Cambria, dated May 10, 2001.

TABLE 4  
Well Construction Details  
27501 Loyola Avenue, Hayward, California

Well ID	Date Installed (mm/dd/yy)	Top of Casing (ft aNAVD)	Casing Material	Total Boring Depth (ft bgs)	Total Well Depth (ft bgs)	Borehole Diameter (inches)	Casing Diameter (inches)	Screened Interval (ft bgs)	Slot Size (inches)	Sand Pack Interval (ft bgs)	Bentonite/ Concrete Seal Interval (ft bgs)
<del>E-3</del>	<del>07/23/84</del>	<del>Unkown</del>	<del>PVC</del>	<del>20.5</del>	<del>20.5</del>	<del>Unkown</del>	<del>3</del>	<del>9 - 20.5</del>	<del>0.020</del>	<del>0 - 20.5</del>	<del>0 - 0</del>
S-4	08/28/84	24.40	PVC	25	24.5	Unkown	3	4.5 - 24.5	0.020	4 - 24.5	0 - 4
S-5	09/28/84	24.50	SCH 40 PVC	23	18.5	12	6	6.5 - 18.5	0.020	6 - 18.5	0 - 6
S-6	09/28/84	24.65	SCH 40 PVC	22.5	20.5	12	6	8.5 - 20.5	0.020	6.5 - 20.5	0 - 6.5
S-7	09/28/84	24.72	SCH 40 PVC	23	19	12	6	7 - 19	0.020	6 - 19	0 - 6
S-8	09/29/84	24.38	SCH 40 PVC	21.5	19	12	6	7 - 19	0.020	6 - 19	0 - 6
S-9	09/29/84	24.60	SCH 40 PVC	21.5	20	12	6	7 - 20	0.020	6 - 20	0 - 6
S-10	09/29/84	24.56	SCH 40 PVC	22	19	12	6	7 - 19	0.020	6 - 19	0 - 6
S-11	09/29/84	25.09	SCH 40 PVC	21	19.5	12	6	7.5 - 19.5	0.020	6 - 19.5	0 - 6
S-12	09/29/84	24.72	SCH 40 PVC	21	19.5	12	6	7.5 - 19.5	0.020	6 - 19.5	0 - 6
S-13	10/01/84	24.85	SCH 40 PVC	21	19	12	6	7 - 19	0.020	6 - 19	0 - 6
S-14	10/01/84	25.27	SCH 40 PVC	21	19	12	6	7 - 19	0.020	6 - 19	0 - 6
<del>S-15</del>	<del>10/01/84</del>	<del>25.04</del>	<del>SCH 40 PVC</del>	<del>21</del>	<del>19</del>	<del>12</del>	<del>6</del>	<del>7 - 19</del>	<del>0.020</del>	<del>6 - 19</del>	<del>0 - 6</del>
<del>S-16</del>	<del>10/01/84</del>	<del>25.04</del>	<del>SCH 40 PVC</del>	<del>21.5</del>	<del>19</del>	<del>12</del>	<del>6</del>	<del>7 - 19</del>	<del>0.020</del>	<del>6 - 19</del>	<del>0 - 6</del>
<del>S-17</del>	<del>10/01/84</del>	<del>24.96</del>	<del>SCH 40 PVC</del>	<del>21</del>	<del>19</del>	<del>12</del>	<del>6</del>	<del>7 - 19</del>	<del>0.020</del>	<del>6 - 19</del>	<del>0 - 6</del>
S-18	10/01/84	24.25	SCH 40 PVC	21.5	19	12	6	7 - 19	0.020	6 - 19	0 - 6
S-19	10/01/84	24.23	SCH 40 PVC	21	19	12	6	7 - 19	0.020	6 - 19	0 - 6
S-20	10/02/84	24.05	SCH 40 PVC	20	19	12	6	7 - 19	0.020	6 - 19	0 - 6
S-21	10/02/84	24.31	SCH 40 PVC	20	19	12	6	7 - 19	0.020	6 - 19	0 - 6
S-22	10/02/84	24.67	SCH 40 PVC	20	19	12	6	7 - 19	0.020	6 - 19	0 - 6
S-23	11/14/84	24.54	SCH 40 PVC	24	23	12	6	8 - 23	0.020	7 - 23	0 - 7
S-24	11/14/84	24.61	SCH 40 PVC	24	23	12	6	8 - 23	0.020	7 - 23	0 - 7
S-25	11/13/84	24.81	SCH 40 PVC	24	23	12	6	8 - 23	0.020	7 - 23	0 - 7
S-26	11/14/84	24.86	SCH 40 PVC	24	23	12	6	8 - 23	0.020	7 - 23	0 - 7
S-27	11/14/84	24.18	SCH 40 PVC	24	23	12	6	8 - 23	0.020	7 - 23	0 - 7
S-28	11/14/84	24.14	SCH 40 PVC	24	23	12	6	8 - 23	0.020	7 - 23	0 - 7
S-29	11/14/84	24.16	SCH 40 PVC	24	23	12	6	8 - 23	0.020	7 - 23	0 - 7
S-30	10/18/88	26.29	PVC	31	30.5	8	3	5.5 - 30.5	0.020	3.5 - 30.5	0 - 3.5
S-31	10/18/88	25.41	PVC	31	30.5	8	3	5.5 - 30.5	0.020	3.5 - 30.5	0 - 3.5
S-32	10/18/88	25.74	PVC	31	29.5	8	3	4.5 - 29.5	0.020	3 - 29.5	0 - 3
S-33	10/18/88	23.97	PVC	25.5	23.5	8	3	3.5 - 23.5	0.020	2.5 - 23.5	0 - 2.5
<del>S-34</del>	<del>10/19/88</del>	<del>24.07</del>	<del>PVC</del>	<del>24</del>	<del>22.5</del>	<del>8</del>	<del>3</del>	<del>3 - 22.5</del>	<del>0.020</del>	<del>2.5 - 22.5</del>	<del>0 - 2.5</del>
<del>S-35</del>	<del>10/19/88</del>	<del>23.63</del>	<del>PVC</del>	<del>23</del>	<del>21.5</del>	<del>8</del>	<del>3</del>	<del>2.5 - 21.5</del>	<del>0.020</del>	<del>2 - 21.5</del>	<del>0 - 2</del>
S-36	05/24/89	23.52	SCH 40 PVC	20.5	22.5	8	3	8 - 22.5	0.020	6 - 22.5	0 - 6
S-37	05/24/89	25.99	SCH 40 PVC	31.5	28.5	8	3	8 - 28.5	0.020	6 - 28.5	0 - 6
S-38	07/12/89	25.29	SCH 40 PVC	25.5	23.5	8	3	8 - 23.5	0.020	6 - 23.5	0 - 6

Notes:

mm/dd/yy = month, day, year  
ft aNAVD = feet above North American Vertical Datum 1988 (original reports are reported in mean sea level, assumed to be referenced against aNAVD)  
ft bgs = feet below ground surface  
PVC = poly vinyl chloride  
Strikeout text = Well Abandoned

Well Construction information based on review of:

*Site Investigation and Contamination Assessment* by Emcon Associates dated 1984.  
*Letter* by Gettler-Ryan Inc. dated November 19, 1987.  
*Case Closure Summary* by City of Hayward Fire Department, dated June 19, 196.  
*Human Health Risk Assessment* by Cambria, dated May 10, 2001.

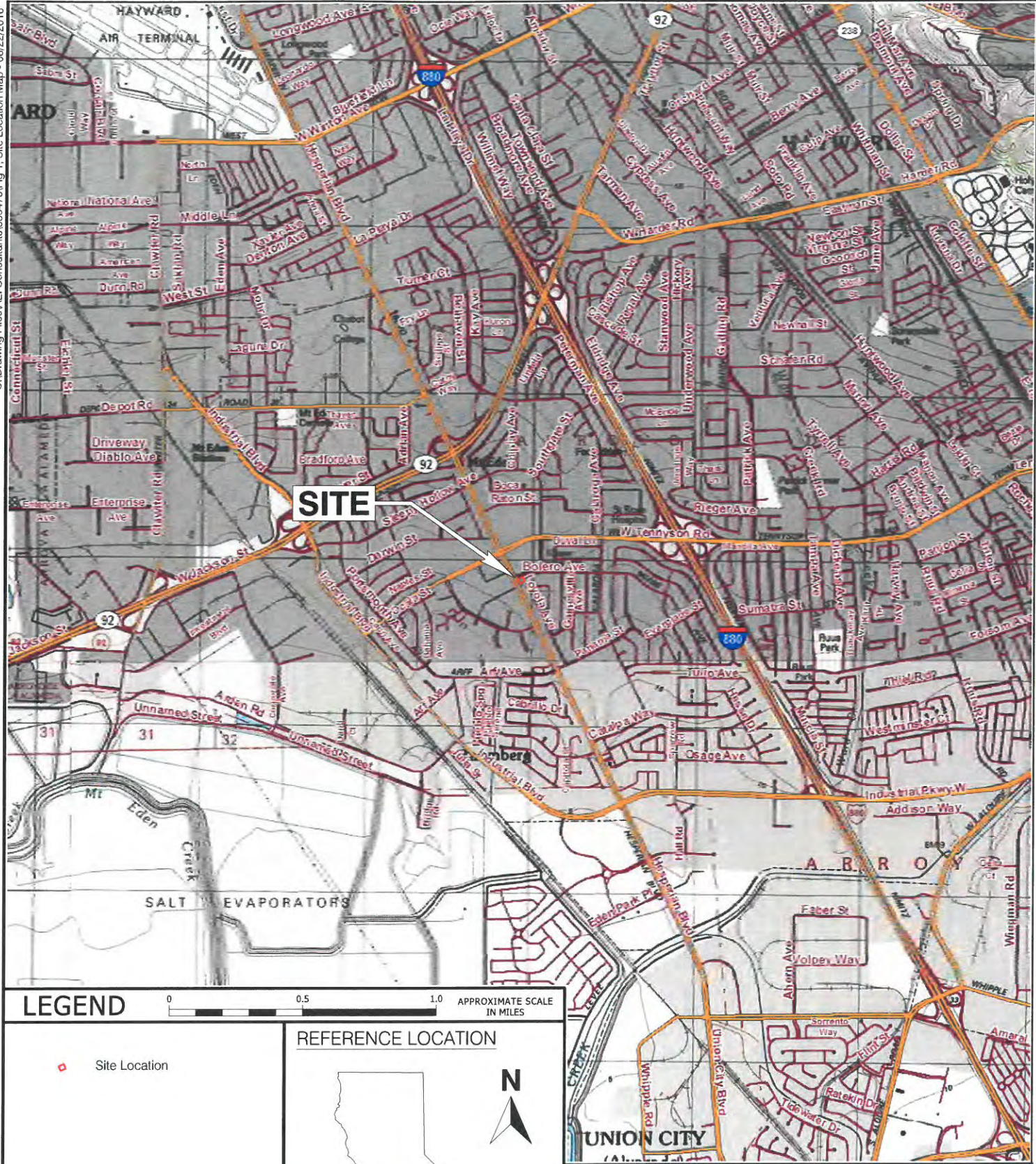
TABLE 5  
Site Conceptual Model  
27501 Loyola Avenue, Hayward, California

SCM Element	SCM Sub-Element	Description	References	Data Gap Identified	Proposed Method to Address Data Gap
Geology & Hydrogeology	Regional	Alameda County is located at the northern end of the Diablo Range of Central California. It is bounded on the north by the south flank of Mount Diablo, one of the highest peaks in the Bay Area. San Francisco Bay forms the western boundary, the San Joaquin Valley borders it on the east, and an arbitrary line from the Bay into the Diablo Range forms the southern boundary. The Quaternary deposits in this area form a transgressive sequence of alluvial fan and fan-delta facies.	<ul style="list-style-type: none"> <li>• <b>Figure 1</b></li> <li>• <b>Quaternary Geology of Alameda County</b> by US Department of the Interior.</li> </ul>	None	Not Applicable
	Site	The Site is relatively flat and is at an elevation of approximately 27 feet above mean sea level. Based on prior investigative work, soils beneath the property consist predominantly of silt with interbedded sand from near surface to depths of up to 7 to 10 feet below ground surface (bgs), sands to depths of 12 to 15 feet bgs, and interbedded sand and clay with occasional gravel to a total depth explored of approximately 31 feet bgs. Groundwater beneath the property has historically ranged in depth from 8.5 to 15.5 feet bgs. The groundwater flow direction generally trends toward the west, ranging from northwest to southwest, at a hydraulic gradient ranging from approximately 0.001 to 0.005 feet/feet.	Human Health Risk Assessment by Cambria, dated May 10, 2001.	None	Not Applicable
Surface Water Bodies		The nearest surface water body is the San Francisco Bay located approximately 3 miles to the west.	Figure 1	None	Not Applicable
Nearby Wells		AEI obtained available Well Drillers reports from the Alameda County Public Works Agency (ACPWA) and California Department of Water Resources (DWR) for wells within 1,500 feet of the Site. The results of the well search were reviewed and indicated that wells in the vicinity consisted primarily of monitoring or test wells. Identified irrigation wells within 1,500 feet of the Site are primarily north/northwest and appear to be located cross-gradient of the Site (groundwater flow direction generally trends toward the west). The DWR and ACPWA results demonstrate that no wells are threatened by petroleum hydrocarbons and related volatiles historically identified in on-site groundwater.	Figure 7	None	Not Applicable
Potential Source(s)	Site	Based on historical records researched, a Shell-branded gasoline station operated at the Site from at least 1956 to 1978 when the station closed. The former gasoline station, and likely the associated USTs, are considered the primary source of petroleum hydrocarbon impacts identified at the Site.	<ul style="list-style-type: none"> <li>• <b>Phase I Environmental Site Assessment</b> by AEI Consultants, dated October 21, 2014.</li> <li>• <b>Site Closure Report</b> by Cambria, dated July 31, 2000.</li> </ul>	None	Not Applicable
	Off-site	There are two releases near the Site (within 1,500 feet): <ul style="list-style-type: none"> <li>• <b>An open release case located north of the Site (cross-gradient) at 27312 Hesperian Boulevard.</b> A former dry cleaning facility, dry cleaning related volatiles were identified in soil and groundwater. Based on location (cross-gradient) and type of release, this case does not appear to have impacted the Site.</li> <li>• <b>A closed release case located north of the Site (cross-gradient) at 26990 Hesperian Boulevard.</b> A former gasoline station, petroleum related impacts were identified in groundwater. Based on location (cross-gradient) and status (closed), this case does not appear to have impacted the Site.</li> </ul>	GeoTracker	None	Not Applicable
Release Occurrence	Former USTs	Based on historical records researched, a Shell-branded gasoline station operated at the Site from at least 1956 to 1978 when the station closed. The former gasoline station, and likely the associated USTs, are considered the primary source of petroleum hydrocarbon impacts identified at the Site.	<ul style="list-style-type: none"> <li>• <b>Phase I Environmental Site Assessment</b> by AEI Consultants, dated October 21, 2014.</li> <li>• <b>Site Closure Report</b> by Cambria, dated July 31, 2000.</li> </ul>	None	Not Applicable
Constituents of Concern		Based on the previous investigations conducted at the Site, on-site constituents of concern (COCs) include total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene, and xylene (collectively known as "BTEX").	<ul style="list-style-type: none"> <li>• <b>Site Closure Report</b> by Cambria, dated July 31, 2000.</li> <li>• <b>Human Health Risk Assessment</b> by Cambria, dated May 10, 2001.</li> <li>• <b>Case Closure Request</b> by City of Hayward, dated June 29, 2001.</li> </ul>	None	Not Applicable

TABLE 5  
Site Conceptual Model  
27501 Loyola Avenue, Hayward, California

SCM Element	SCM Sub-Element	Description	References	Data Gap Identified	Proposed Method to Address Data Gap
Nature and Extent of Impacts	Impacts in Soil	Based on the available analytical data, TPH impacted soils were excavated during the UST removal activities in 1984. Though visual and olfactory observations of impacts were observed during the monitoring well drilling activities, the available analytical data detected only minor concentrations of TPH-mo. Additionally, several remediation activities have been conducted at the Site since that time (i.e., groundwater extraction, SVE, and ORC application).	<ul style="list-style-type: none"> <li>• Table 1 and Table 2 of this Work Plan.</li> <li>• Figure 2 through Figure 4 of this Work Plan.</li> <li>• Site Closure Report by Cambria, dated July 31, 2000.</li> <li>• Human Health Risk Assessment by Cambria, dated May 10, 2001.</li> </ul>	None	Not Applicable
	Impacts in Groundwater	Elevated TPH and BTEX compounds in groundwater appear generally limited to central and southern portions of the Site. Though elevated concentrations of TPH and BTEX were historically detected in wells S-4, S-5, S-7, S-8, S-12, S-19, S-20, S-21, S-22, and S-23 through S-29, available groundwater information subsequent to the remediation activities implemented at the Site (i.e., post-1995) only detected elevated TPH and BTEX at wells S-4 and S-25. Additionally, long term groundwater monitoring indicates no SPH had been detected in on-site and vicinity monitoring wells since 1991.	<ul style="list-style-type: none"> <li>• Table 3 of this Work Plan.</li> <li>• Figure 2 through Figure 4 of this Work Plan.</li> <li>• Site Closure Report by Cambria, dated July 31, 2000.</li> <li>• Human Health Risk Assessment by Cambria, dated May 10, 2001.</li> </ul>	<ul style="list-style-type: none"> <li>• Groundwater monitoring at the Site has not been conducted since 2001.</li> <li>• It is unknown whether previously installed monitoring wells remain at the Site and vicinity.</li> </ul>	<ul style="list-style-type: none"> <li>• Field observations to evaluate whether wells remain on-site and in the vicinity.</li> <li>• If present, sampling select on-site wells S-3, S-21, and S-25 to evaluate residual petroleum impacts to groundwater, if any.</li> <li>• Wells will be appropriately abandoned/destroyed prior to the redevelopment activities.</li> </ul>
	Impacts in Vapor Phase	BTEX detected in groundwater at concentrations above the Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for vapor intrusion risk.	<ul style="list-style-type: none"> <li>• Table 3 of this Work Plan.</li> <li>• Figure 2 through Figure 4 of this Work Plan.</li> <li>• Site Closure Report by Cambria, dated July 31, 2000.</li> <li>• Human Health Risk Assessment by Cambria, dated May 10, 2001.</li> </ul>	Soil vapor samples have not been collected at the Site.	The collection of four soil vapor samples (SV-1 through SV-4) at locations beneath future occupied spaces of the proposed residential buildings in order to evaluate the potential for vapor intrusion.
Migration Pathways		Attempts to identify preferential pathways for contaminant transport within the Site have not been conducted.	Not Applicable	Attempts to identify preferential pathways for contaminant transport within the Site have not been conducted.	A field utility scan to identify potential preferential migration pathways.
Potential Receptors & Risks	Site	<ul style="list-style-type: none"> <li>• <b>Soil:</b> The proposed development would cover the Site with concrete foundation elements at the future building footprints, paved driveways and walkways, and landscaped areas. The direct exposure pathway for near surface and subsurface soils is considered incomplete for future residents and potentially complete for construction/utility workers. Future residents are not expected to come into contact with subsurface soils which could be impacted, whereas construction/utility workers may contact these soils if excavation of the Site greater than five feet bgs is performed.</li> <li>• <b>Groundwater:</b> By default, groundwater is considered to be designated as beneficial use or potential beneficial use by the RWQCB. However, the Site is served by municipal supply (Hayward purchases its water from the Hetch Hetchy Regional Water System and Alameda watersheds, which is managed by the San Francisco Public Utilities Commission) and groundwater is not directly used at the Site. Therefore the direct exposure pathway for impacted groundwater is considered incomplete for future residents. The direct exposure pathway for impacted groundwater is considered incomplete for construction/utility workers since the maximum expected excavation depth is five feet and groundwater beneath the property has historically ranged in depth from 8.5 to 15.5 feet bgs.</li> <li>• <b>Surface Water:</b> The nearest surface water body is the San Francisco Bay, located approximately 3 miles of the west of the Site. Based on the distance to the nearest surface water body, surface water is not expected to be impacted by COCs at the Site.</li> <li>• <b>Air:</b> The vapor intrusion pathway from impacted soil and/or groundwater to indoor or outdoor air is potentially complete where volatile contaminants are present in shallow soil and/or groundwater beneath a structure which can be occupied. Air impacts relating to human exposure typically only consider indoor air. Based on the BTEX concentrations historically detected in groundwater (above ESLs for vapor intrusion risk), the air pathway for residents and construction/utility workers is considered complete.</li> </ul>	Not Applicable	Complete or partially complete pathways via soil and air.	<ul style="list-style-type: none"> <li>• The collection of four soil vapor samples (SV-1 through SV-4) at locations beneath future occupied spaces of the proposed residential buildings in order to evaluate the potential for vapor intrusion.</li> </ul>
	Off-site	None	Not Applicable	None	Not Applicable

## FIGURES



**LEGEND**

0 0.5 1.0 APPROXIMATE SCALE IN MILES

◆ Site Location

REFERENCE LOCATION

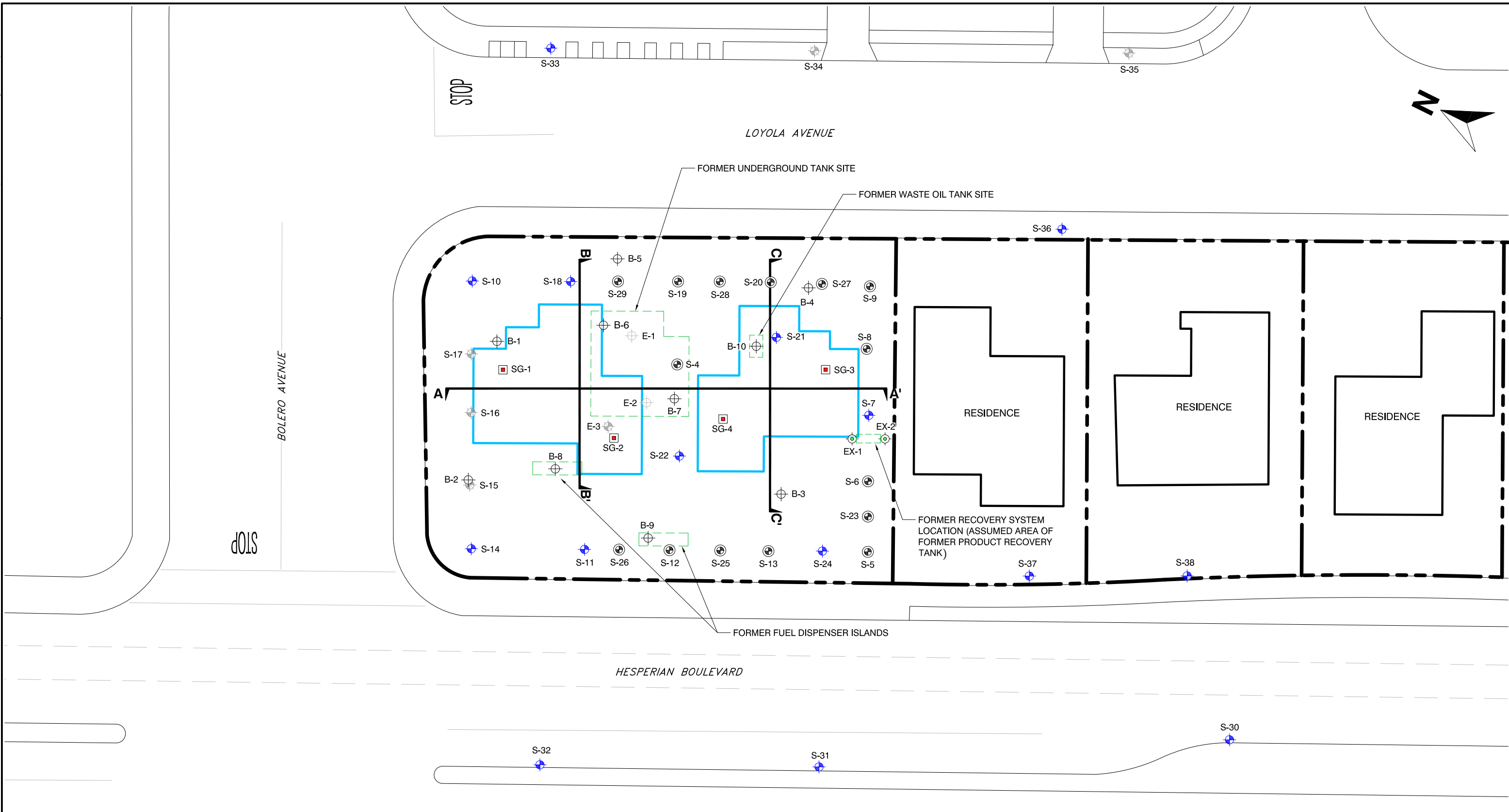
Map Source:  
 USGS 7.5 Minute  
 Topographic Quadrangle Map,  
 Hayward, CA - 1993,  
 Photorevised 1996

**AEI Consultants**  
 3880 South Bascom Avenue, San Jose, California

**SITE LOCATION MAP**

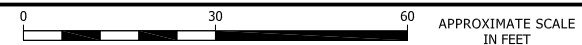
27501 Loyola Avenue  
 Hayward, California

**FIGURE 1**  
 Project No. 335476



**LEGEND**

- SG-1  Proposed Soil Gas Sample
- S-38  Groundwater Monitoring Well
- S-29  Extraction Well
- S-35  Abandoned Groundwater Monitoring Well
- B-10  Soil Boring
- E-1  Former Soil Boring (Soil Subsequently Excavated)
- EX-2  Confirmation Soil Sample (Locations Estimated; locations described as on ends of product recovery UST excavation)
- Footprint of Proposed Development
- Approximate Property Boundary

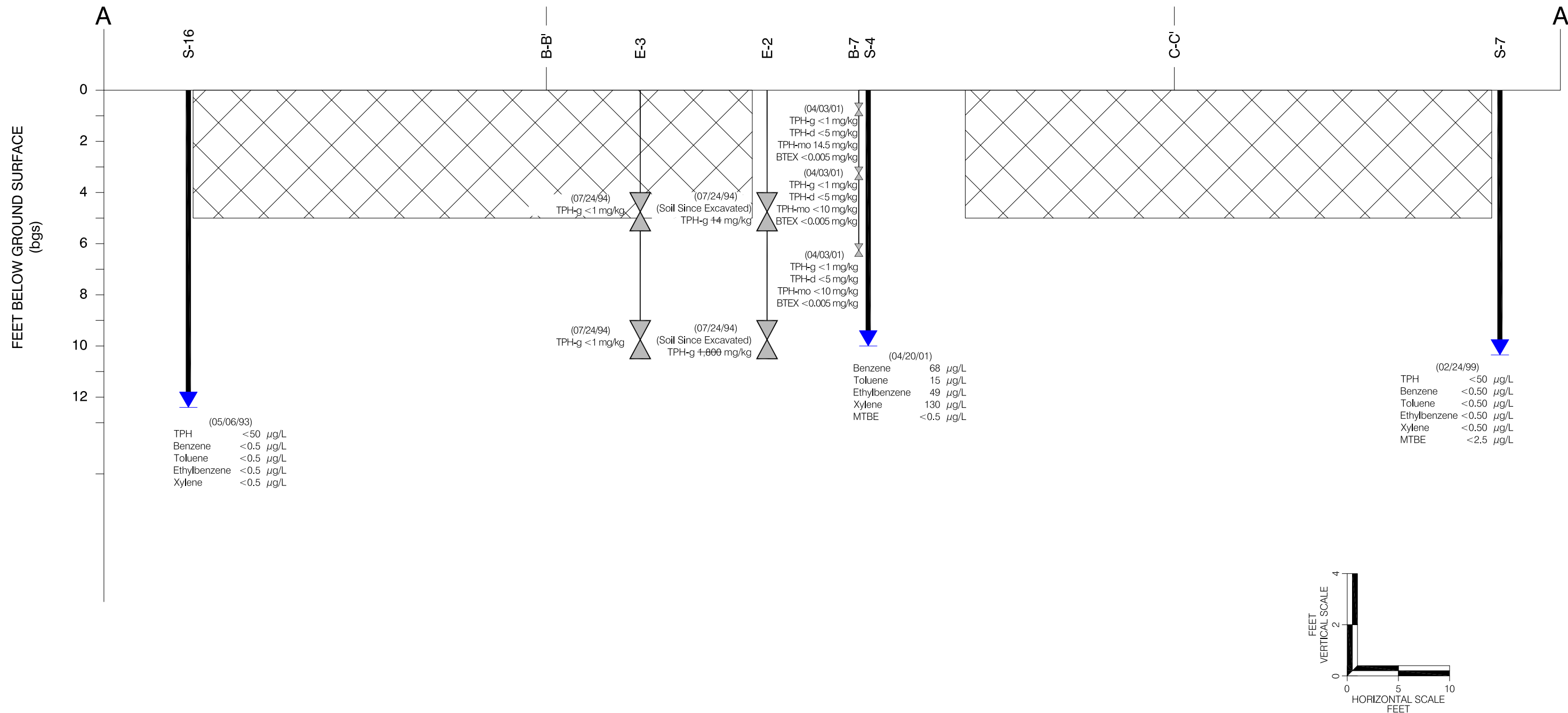


**NOTE:**  
 Base Map Sources:  
 Google Earth, Image Date 10/30/2015  
 Shell Plot Plan, 12/1979  
 Woodward-Clyde Consultants Map, 04/1989  
 EMCON Associates Report, 10/20/1984

<b>AEI Consultants</b> 2500 Camino Diablo, Walnut Creek, California	
<b>SITE MAP</b>	
27501 Loyola Avenue Hayward, California	<b>FIGURE 2</b> Project No. 335476



# CROSS-SECTION A-A'



## LEGEND

- Maximum Anticipated Depth of Excavation For Proposed Development (5-feet below grade, as needed for foundation elements, footings, etc.)
- Approximate Soil Sample Interval
- Approximate Depth of Groundwater at Time of Sampling

### Notes:

- TPH - Total Petroleum Hydrocarbons
- TPH-g - Total Petroleum Hydrocarbons in Gasoline range
- TPH-d - Total Petroleum Hydrocarbons in Diesel range
- TPH-mo - Total Petroleum Hydrocarbons in Motor Oil range
- BTEX - Benzene, Toluene, Ethylbenzene, and Xylene
- MTBE - Methyl Tert Butyl Ether
- µg/L - micrograms per liter
- mg/kg - milligrams per kilogram

- Most recent groundwater data available is presented
- Compounds presented generally include petroleum hydrocarbons and related volatiles. If not presented for a sample, the compound was not analyzed.

**AEI Consultants**

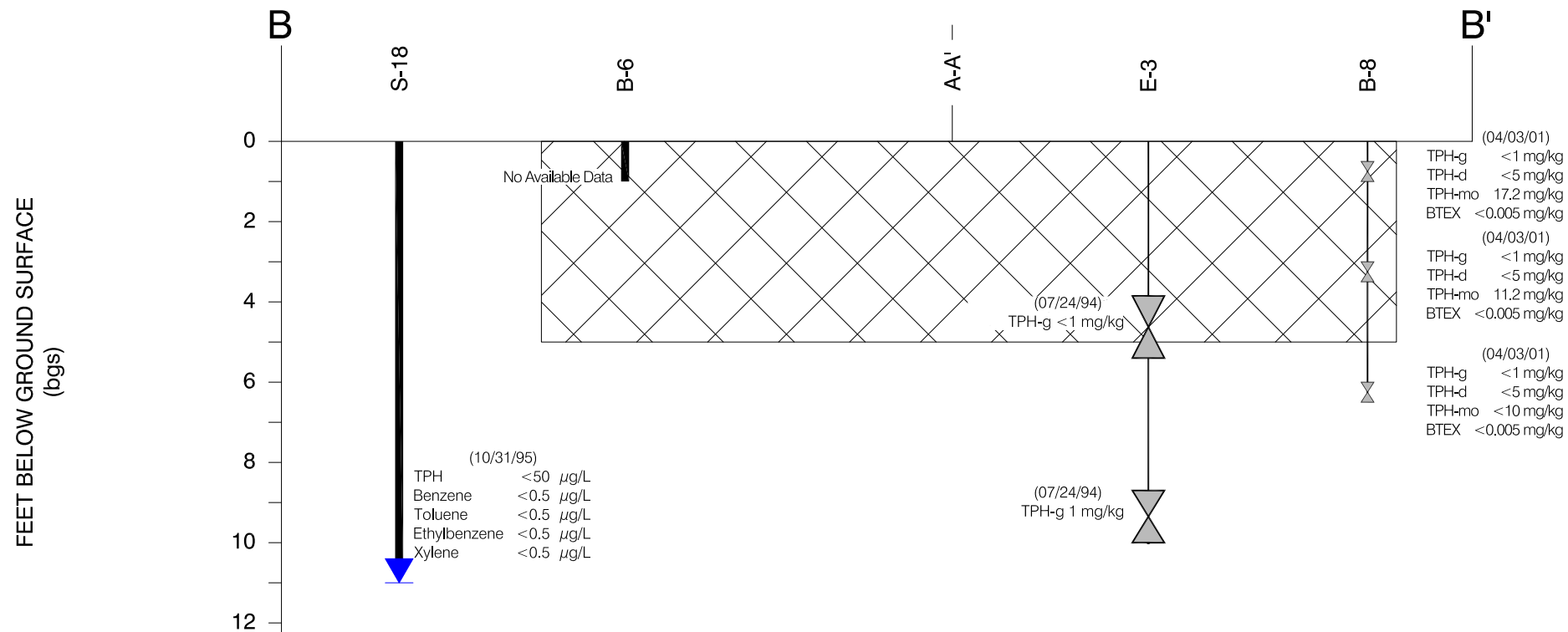
2500 Camino Diablo, Walnut Creek, California

**CROSS-SECTION  
A-A'**

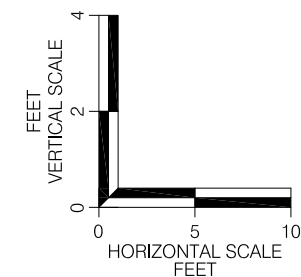
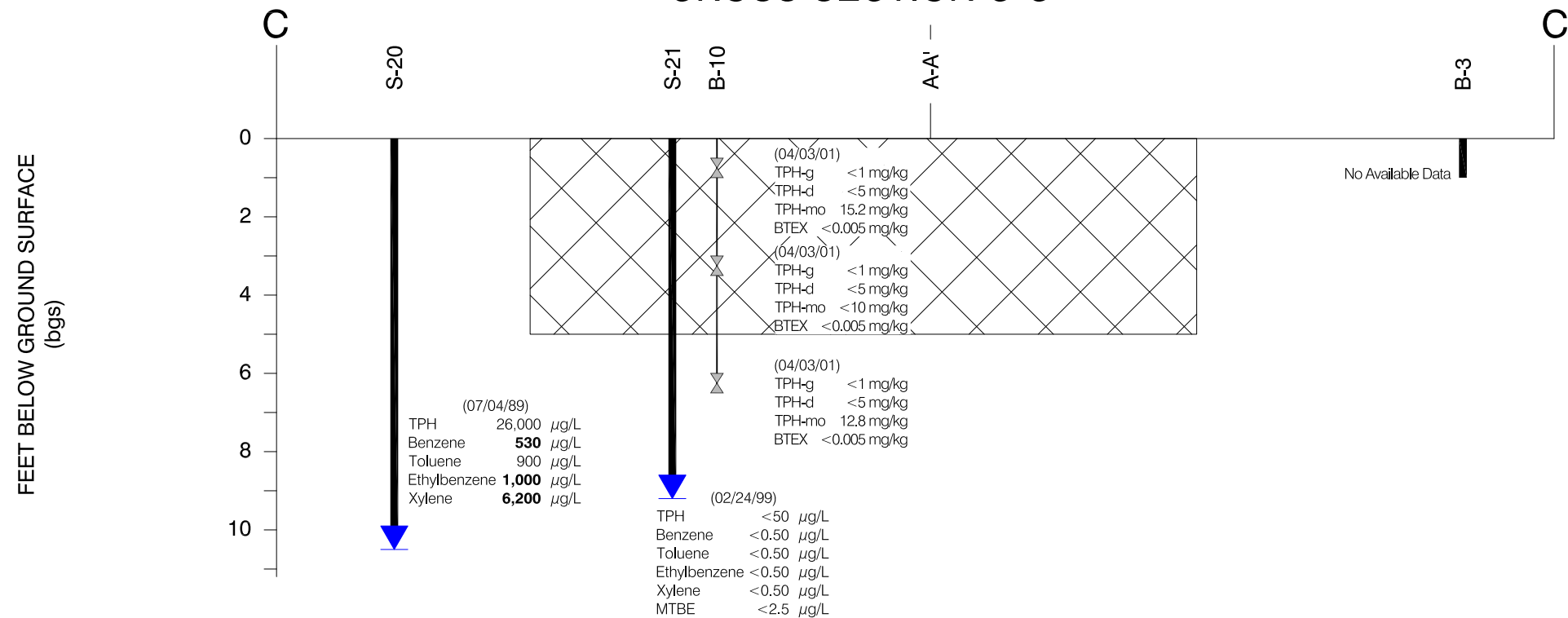
27501 Loyola Avenue  
Hayward, California

**FIGURE 3**  
Project No. 335476

### CROSS-SECTION B-B'



### CROSS-SECTION C-C'



#### LEGEND

Maximum Anticipated Depth of Excavation For Proposed Development (5-feet below grade, as needed for foundation elements, footings, etc.)

Approximate Soil Sample Interval

Approximate Depth of Groundwater at Time of Sampling

#### Notes:

- TPH - Total Petroleum Hydrocarbons
- TPH-g - Total Petroleum Hydrocarbons in Gasoline range
- TPH-d - Total Petroleum Hydrocarbons in Diesel range
- TPH-mo - Total Petroleum Hydrocarbons in Motor Oil range
- BTEX - Benzene, Toluene, Ethylbenzene, and Xylene
- MTBE - Methyl Tert Butyl Ether
- µg/L - micrograms per liter
- mg/kg - milligrams per kilogram

1. Most recent groundwater data available is presented
2. Compounds presented generally include petroleum hydrocarbons and related volatiles. If not presented for a sample, the compound was not analyzed
3. Compounds detected above screening levels are in bold

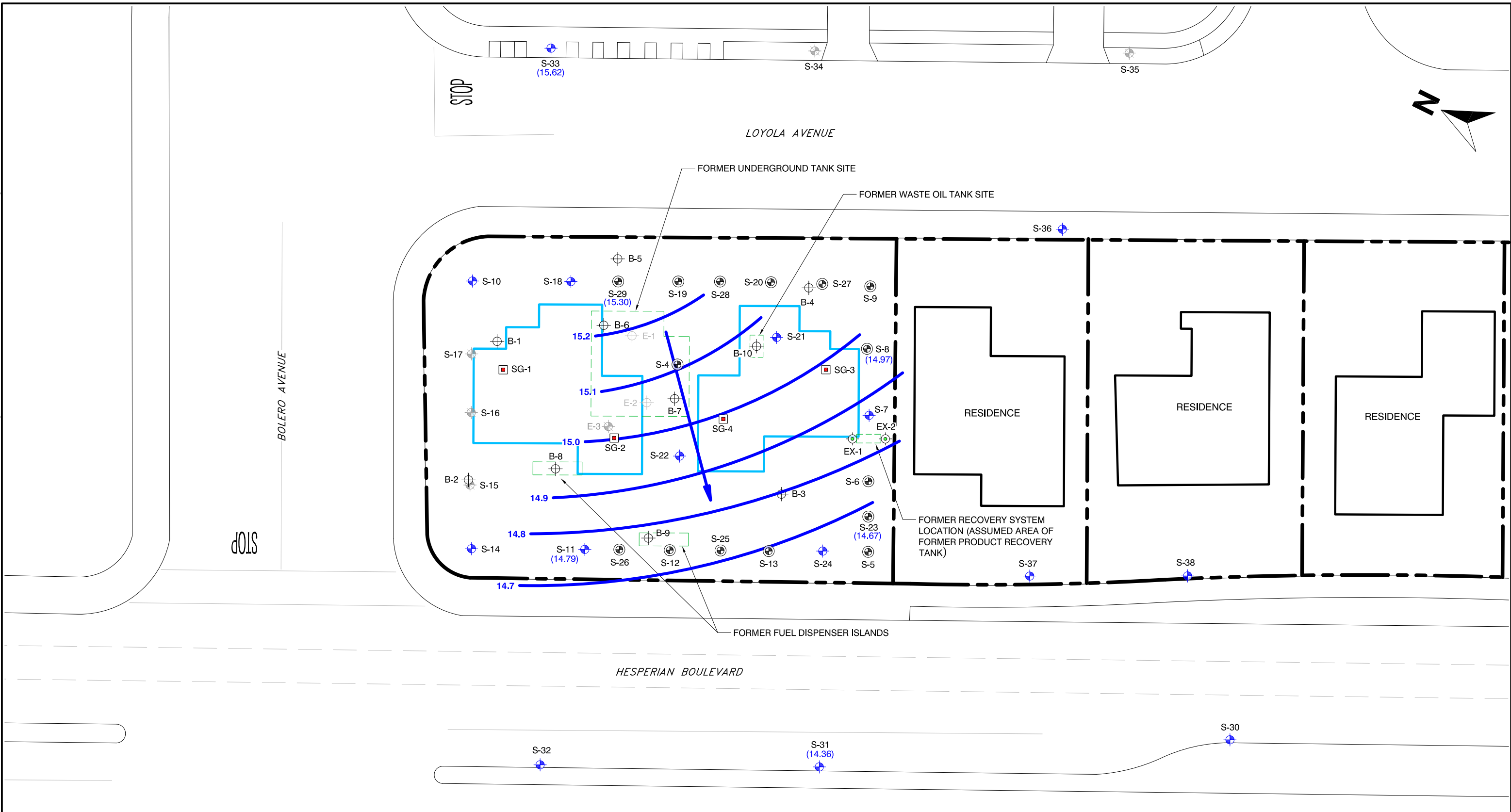
**AEI Consultants**  
2500 Camino Diablo, Walnut Creek, California

**CROSS-SECTIONS  
B-B' AND C-C'**

27501 Loyola Avenue  
Hayward, California

FIGURE 4  
Project No. 335476

C:\Drawing Files\AEI Consultants\335476\Data Gap Work Plan Addendum\Fig 5\_GW Elevation Contours - Feb 24, 1999 - 09/06/2016



**LEGEND**

- SG-1 Proposed Soil Gas Sample
- S-38 Groundwater Monitoring Well
- S-29 Extraction Well
- S-35 Abandoned Groundwater Monitoring Well
- B-10 Soil Boring
- E-1 Former Soil Boring (Soil Subsequently Excavated)
- EX-2 Confirmation Soil Sample (Locations Estimated; locations described as on ends of product recovery UST excavation)
- 14.7 Groundwater Elevation Contour (feet NAVD 88)
- Approximate Direction of Groundwater Flow

- Footprint of Proposed Development
- Approximate Property Boundary

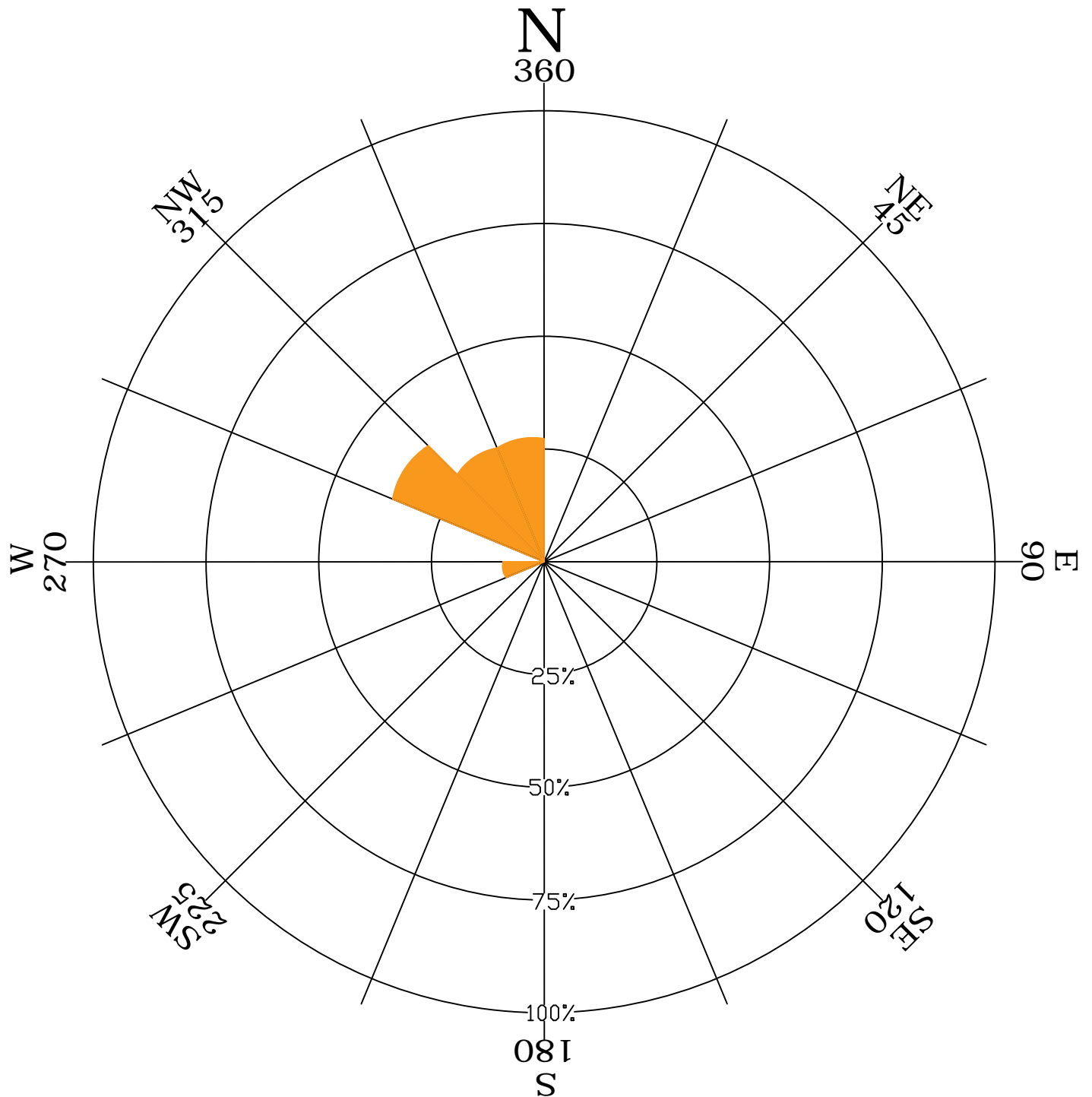
0 30 60 APPROXIMATE SCALE IN FEET


NOTE:  
 Base Map Sources:  
 Google Earth, Image Date 10/30/2015  
 Shell Plot Plan, 12/1979  
 Woodward-Clyde Consultants Map, 04/1989  
 EMCON Associates Report, 10/20/1984

**AEI Consultants**  
 2500 Camino Diablo, Walnut Creek, California

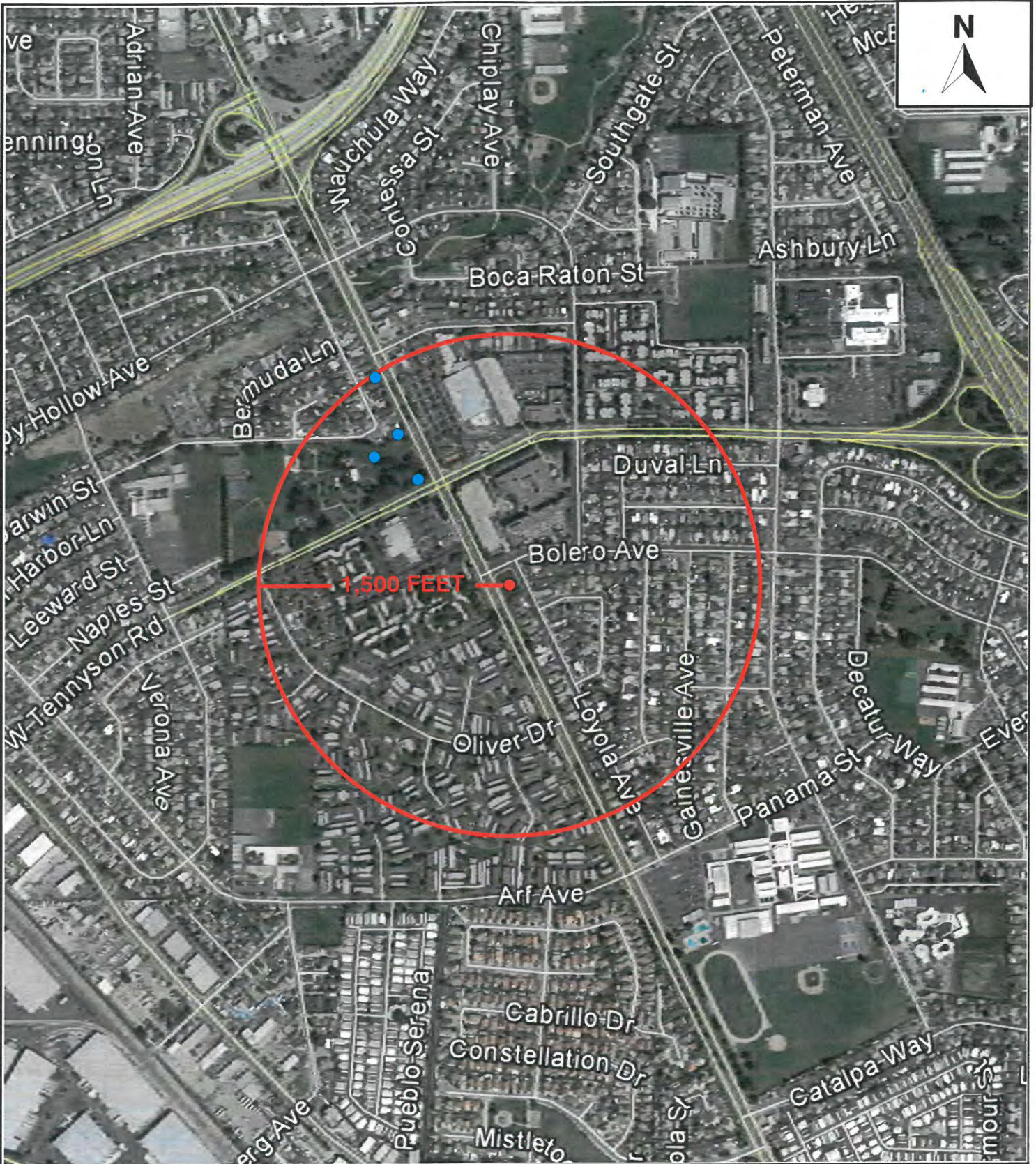
**GROUNDWATER ELEVATION CONTOURS (FEBRUARY 24, 1999)**

27501 Loyola Avenue Hayward, California	FIGURE 5 Project No. 335476
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<b>LEGEND</b>	
	0.001-0.01 feet/feet
<p>Notes:                  Groundwater gradients and direction based on available data from monitoring and/or extraction wells S-8, S-11, S-23, S-29, S-31, and S-33 for historical dates 4/19/89, 7/18/90, 1/29/91, 7/7/92, 11/17/93, 5/9/94, 8/18/95, 2/27/96, 5/27/9, 7/23/98, and 2/24/99.</p>	

<b>AEI Consultants</b> 2500 Camino Diablo, Walnut Creek, California	
<b>ROSE DIAGRAM</b> April 1989 - February 1999	
27501 Loyola Avenue Hayward, California	<b>FIGURE 6</b> Project No. 335476



**LEGEND**

- Site
- Irrigation Wells

0 400 800 APPROXIMATE SCALE IN FEET

**Note:**

Well locations approximated based on information provided by Alameda County Public Works Agency (ACPWA) and California Department of Water Resources (DWR)

# AEI Consultants

2500 Camino Diablo, Walnut Creek, California

## ACPWA AND DWR WELL SEARCH

27501 Loyola Avenue  
Hayward, California

**FIGURE 7**  
Project No. 335476

ATTACHMENT A  
Proposed Development Plans









ATTACHMENT B  
Historical Groundwater Data

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-4	04/20/1989	41000	41000	5300	11000	2000	12000	NA	NA	24.40	11.20	13.20	0.00	NA
S-4	07/24/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.40	11.23	13.17	0.02	NA
S-4	10/24/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.40	11.24	13.16	0.25	NA
S-4	01/08/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.40	11.75	12.65	0.11	NA
S-4	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.40	NA	NA	NA	NA
S-4	07/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.40	NA	NA	NA	NA
S-4	10/30/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.40	13.30	11.10	0.00	NA
S-4	01/23/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.40	NA	NA	NA	NA
S-4	04/18/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.40	NA	NA	NA	NA
S-4	10/14/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.40	NA	NA	NA	NA
S-4	01/21/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.40	NA	NA	NA	NA
S-4	04/10/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.40	NA	NA	NA	NA
S-4	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.40	NA	NA	NA	NA
S-4	10/01/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.40	NA	NA	NA	NA
S-4	02/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.40	NA	NA	NA	NA
S-4	08/24/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.40	NA	NA	NA	NA
S-4	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.40	11.78	12.62	0.00	NA
S-4	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.40	12.80	11.60	0.00	NA
S-4	05/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.40	10.82	13.58	0.00	NA
S-4	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.40	11.32	13.08	0.00	NA
S-4	11/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.40	11.50	12.90	0.00	NA
S-4	02/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.40	9.96	14.44	0.00	NA
S-4	05/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.40	10.30	14.10	0.00	NA
S-4	08/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.40	11.10	13.30	0.00	NA
S-4	10/31/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.40	11.48	12.92	0.00	NA
S-4	02/27/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.40	8.84	15.56	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-4	04/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.40	9.63	14.77	0.00	NA
S-4	08/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.40	10.58	13.82	0.00	NA
S-4	11/13/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.40	11.02	13.38	0.00	NA
S-4	02/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.40	9.03	15.37	0.00	NA
S-4	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.40	9.95	14.45	0.00	NA
S-4	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.40	9.98	14.42	0.00	NA
S-4	11/13/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.40	11.10	13.30	0.00	NA
S-4	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.40	8.57	15.83	0.00	NA
S-4	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.40	10.49	13.91	0.00	NA
S-4	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.40	10.15	14.25	0.00	NA
S-4	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.40	11.07	13.33	0.00	NA
S-4	02/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	24.40	9.45	14.95	0.00	NA
S-4	02/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	24.40	10.49	13.91	0.00	NA
S-4	02/16/2001	NA	NA	NA	NA	NA	NA	NA	NA	24.40	10.16	14.24	0.00	NA
S-4a	02/20/2001	NA	NA	68	15	49	130	NA	<0.50	24.40	10.09	14.31	0.00	NA

S-5	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.50	NA	NA	NA	NA
S-5	07/24/1989	3700	NA	150	290	110	630	NA	NA	24.50	10.58	13.92	0.00	NA
S-5	10/24/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.50	10.54	13.96	0.02	NA
S-5	01/08/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.50	12.09	12.41	0.15	NA
S-5	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.50	14.67	9.83	0.00	NA
S-5	07/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.50	12.28	12.22	0.00	NA
S-5	10/31/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.50	14.65	9.85	0.00	NA
S-5	01/23/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.50	13.94	10.56	0.00	NA
S-5	04/18/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.50	NA	NA	NA	NA
S-5	10/14/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.50	12.73	11.77	0.00	NA
S-5	01/21/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.50	NA	NA	NA	NA

DO Reading

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-5	04/10/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.50	NA	NA	NA	NA
S-5	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.50	NA	NA	NA	NA
S-5	10/01/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.50	NA	NA	NA	NA
S-5	02/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.50	12.34	12.16	0.00	NA
S-5	08/24/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.50	12.28	12.22	0.00	NA
S-5	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.50	11.72	12.78	0.00	NA
S-5	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.50	11.14	13.36	0.00	NA
S-5	05/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.50	11.82	12.68	0.00	NA
S-5	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.50	12.26	12.24	0.00	NA
S-5	11/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.50	10.50	14.00	0.00	NA
S-5	02/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.50	10.90	13.60	0.00	NA
S-5	05/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.50	11.62	12.88	0.00	NA
S-5	08/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.50	12.02	12.48	0.00	NA
S-5	10/31/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.50	9.02	15.48	0.00	NA
S-5	02/27/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.50	10.25	14.25	0.00	NA
S-5	04/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.50	11.07	13.43	0.00	NA
S-5	08/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.50	11.64	12.86	0.00	NA
S-5	11/13/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.50	9.50	15.00	0.00	NA
S-5	02/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.50	11.01	13.49	0.00	NA
S-5	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.50	11.13	13.37	0.00	NA
S-5	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.50	11.73	12.77	0.00	NA
S-5	11/13/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.50	9.41	15.09	0.00	NA
S-5	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.50	10.39	14.11	0.00	NA
S-5	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.50	10.75	13.75	0.00	NA
S-5	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.50	11.58	12.92	0.00	NA
S-5	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.50	9.76	14.74	0.00	NA
S-5	02/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	24.50	9.76	14.74	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-6	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.65	NA	NA	NA	NA
S-6	07/24/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.65	10.67	13.98	0.03	NA
S-6	10/24/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.65	10.68	13.97	0.03	NA
S-6	01/08/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.65	12.33	12.32	0.02	NA
S-6	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.65	13.05	11.60	0.00	NA
S-6	07/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.65	12.38	12.27	0.00	NA
S-6	10/31/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.65	NA	NA	NA	NA
S-6	01/23/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.65	13.47	11.18	0.00	NA
S-6	04/18/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.65	NA	NA	NA	NA
S-6	10/14/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.65	NA	NA	NA	NA
S-6	01/21/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.65	NA	NA	NA	NA
S-6	04/10/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.65	NA	NA	NA	NA
S-6	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.65	NA	NA	NA	NA
S-6	10/01/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.65	NA	NA	NA	NA
S-6	02/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.65	NA	NA	NA	NA
S-6	08/24/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.65	12.69	11.96	0.00	NA
S-6	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.65	12.40	12.25	0.00	NA
S-6	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.65	11.71	12.94	0.00	NA
S-6	05/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.65	11.29	13.36	0.00	NA
S-6	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.65	11.94	12.71	0.00	NA
S-6	11/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.65	12.12	12.53	0.00	NA
S-6	02/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.65	10.60	14.05	0.00	NA
S-6	05/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.65	11.70	12.95	0.00	NA
S-6	08/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.65	11.56	13.09	0.00	NA
S-6	10/31/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.65	12.20	12.45	0.00	NA
S-6	02/27/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.65	9.25	15.40	0.00	NA

DO  
Reading  
(ppm)

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-6	04/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.65	10.35	14.30	0.00	NA
S-6	08/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.65	10.93	13.72	0.00	NA
S-6	11/13/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.65	11.52	13.13	0.00	NA
S-6	02/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.65	9.58	15.07	0.00	NA
S-6	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.65	11.12	13.53	0.00	NA
S-6	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.65	11.10	13.55	0.00	NA
S-6	11/13/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.65	11.72	12.93	0.00	NA
S-6	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.65	9.40	15.25	0.00	NA
S-6	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.65	9.86	14.79	0.00	NA
S-6	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.65	10.71	13.94	0.00	NA
S-6	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.65	11.42	13.23	0.00	NA
S-6	02/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	24.65	9.88	14.77	0.00	NA
S-7	02/10/1989	10000	NA	300	600	300	1600	NA	NA	24.72	NA	NA	NA	NA
S-7	04/19/1989	5500	NA	260	500	200	900	NA	NA	24.72	11.65	13.07	0.00	NA
S-7	07/24/1989	4300	NA	110	50	130	500	NA	NA	24.72	12.06	12.66	0.00	NA
S-7	10/23/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.72	12.10	12.62	0.00	NA
S-7	01/08/1990	4200	NA	170	17	110	450	NA	NA	24.72	12.36	12.36	0.00	NA
S-7	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.72	12.99	11.73	0.00	NA
S-7	07/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.72	12.66	12.06	0.01	NA
S-7	10/24/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.72	13.59	11.13	0.05	NA
S-7	01/23/1991	33000	NA	460	2700	1100	8100	NA	NA	24.72	13.50	11.22	0.00	NA
S-7	04/18/1991	35000	NA	200	1000	870	5000	NA	NA	24.72	12.61	12.11	0.00	NA
S-7	07/22/1991	96000	NA	790	2600	2200	13000	NA	NA	24.72	NA	NA	NA	NA
S-7	10/14/1991	17000	NA	120	230	330	1900	NA	NA	24.72	13.38	11.34	0.00	NA
S-7	01/21/1992	5300	NA	80	120	170	790	NA	NA	24.72	13.38	11.34	0.00	NA
S-7	04/10/1992	19000	NA	110	67	230	1600	NA	NA	24.72	11.79	12.93	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-7	07/07/1992	2700	NA	110	6.1	100	240	NA	NA	24.72	12.70	12.02	0.00	NA
S-7	10/01/1992	6500	NA	120	<0.5	130	460	NA	NA	24.72	13.19	11.53	0.00	NA
S-7	02/11/1993	5000	NA	170	100	120	490	NA	NA	24.72	10.98	13.74	0.00	NA
S-7	05/06/1993	4700	NA	<0.5	12.5	130	410	NA	NA	24.72	NA	NA	NA	NA
S-7	08/25/1993	10000	NA	<0.5	36	57	100	NA	NA	24.72	12.61	12.11	0.00	NA
S-7	11/17/1993	7900	NA	150	74	200	390	NA	NA	24.72	12.53	12.19	0.00	NA
S-7	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.72	11.87	12.85	0.00	NA
S-7	05/09/1994	2400	NA	19	14	57	290	NA	NA	24.72	11.43	13.29	0.00	NA
S-7	08/10/1994	1300	NA	5.3	5.2	17	39	NA	NA	24.72	12.16	12.56	0.00	NA
S-7	11/03/1994	1900	NA	3.7	0.8	25	64	NA	NA	24.72	12.44	12.28	0.00	NA
S-7	02/24/1995	1600	NA	32	5.8	43	160	NA	NA	24.72	10.30	14.42	0.00	NA
S-7	05/11/1995	2300	NA	14	6.2	61	310	NA	NA	24.72	11.87	12.85	0.00	NA
S-7	08/18/1995	410	NA	12	1.3	9.5	3.7	NA	NA	24.72	11.91	12.81	0.00	0.8
S-7	10/31/1995	630	NA	5.0	3.0	8.0	22	NA	NA	24.72	12.28	12.44	0.00	NA
S-7	02/27/1996	920	NA	22	5.3	29	79	<2	NA	24.72	9.52	15.20	0.00	NA
S-7	04/19/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	NA	24.72	10.70	14.02	0.00	NA
S-7	08/01/1996	250	NA	1.6	<0.50	4.4	5.8	<2.5	NA	24.72	11.28	13.44	0.00	5.1
S-7	11/13/1996	430	NA	2.8	2.1	1.3	1.9	3.8	NA	24.72	11.82	12.90	0.00	5.63
S-7	02/05/1997	550	NA	1.9	2.2	18	22	<2.5	NA	24.72	9.80	14.92	0.00	5.6
S-7	05/27/1997	320	NA	5.3	<0.50	3.8	11	<2.5	NA	24.72	11.13	13.59	0.00	2.5
S-7	07/22/1997	630	NA	9.4	0.94	2.2	4.3	4.8	NA	24.72	11.38	13.34	0.00	1.9
S-7	11/13/1997	450	NA	18	0.85	<0.50	2.0	7.5	NA	24.72	11.95	12.77	0.00	1.7
S-7	01/22/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.72	9.48	15.24	0.00	4.7
S-7	05/21/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.72	10.53	14.19	0.00	2.97
S-7	07/23/1998	610	NA	7.3	<2.5	11	10	<12	NA	24.72	11.01	13.71	0.00	1.4
S-7	11/05/1998	200	NA	2.1	<0.50	<0.50	0.56	<2.5	NA	24.72	11.89	12.83	0.00	NA
S-7	12/16/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.72	NA	NA	0.00	0.00

DO  
Reading  
(ppm)



**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-7	02/24/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.72	10.01	14.71	0.00	1.1
S-8	04/19/1989	8600	NA	90	400	200	1700	NA	NA	24.38	11.60	12.78	0.00	NA
S-8	04/24/1989	850	NA	48	130	27	170	NA	NA	24.38	12.05	12.33	0.00	NA
S-8	10/23/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.38	12.03	12.35	0.10	NA
S-8	01/08/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.38	12.00	12.38	0.00	NA
S-8	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.38	13.92	10.46	0.00	NA
S-8	07/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.38	12.07	12.31	0.00	NA
S-8	10/31/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.38	13.20	11.18	0.00	NA
S-8	01/23/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.38	13.85	10.53	0.00	NA
S-8	04/18/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.38	NA	NA	NA	NA
S-8	10/14/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.38	12.75	11.63	0.00	NA
S-8	01/21/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.38	NA	NA	NA	NA
S-8	04/01/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.38	NA	NA	NA	NA
S-8	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.38	NA	NA	NA	NA
S-8	10/01/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.38	NA	NA	NA	NA
S-8	02/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.38	NA	NA	NA	NA
S-8	08/24/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.38	12.02	12.36	0.00	NA
S-8	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.38	11.97	12.41	0.00	NA
S-8	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.38	11.40	12.98	0.00	NA
S-8	05/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.38	10.88	13.50	0.00	NA
S-8	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.38	11.62	12.76	0.00	NA
S-8	11/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.38	11.84	12.54	0.00	NA
S-8	02/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.38	10.20	14.18	0.00	NA
S-8	05/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.38	10.15	14.23	0.00	NA
S-8	08/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.38	11.30	13.08	0.00	NA
S-8	10/31/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.38	11.62	12.76	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-8	02/27/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.38	8.88	15.50	0.00	NA
S-8	04/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.38	9.67	14.71	0.00	NA
S-8	08/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.38	10.82	13.56	0.00	NA
S-8	11/13/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.38	11.24	13.14	0.00	NA
S-8	02/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.38	9.08	15.30	0.00	NA
S-8	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.38	10.88	13.50	0.00	NA
S-8	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.38	11.09	13.29	0.00	NA
S-8	11/13/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.38	11.40	12.98	0.00	NA
S-8	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.38	8.87	15.51	0.00	NA
S-8	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.38	9.79	14.59	0.00	NA
S-8	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.38	10.51	13.87	0.00	NA
S-8	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.38	11.08	13.30	0.00	NA
S-8	02/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	24.38	9.41	14.97	0.00	NA

S-9	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.60	NA	NA	NA	NA
S-9	07/24/1989	<50	NA	0.7	<0.5	2.0	10	NA	NA	24.60	10.32	14.28	0.00	NA
S-9	10/23/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.60	10.46	14.14	0.00	NA
S-9	01/08/1990	130	NA	1.4	17	6.4	37	NA	NA	24.60	12.15	12.45	0.00	NA
S-9	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.60	12.52	12.08	0.00	NA
S-9	07/18/1990	<50	NA	2.0	0.6	2.0	2.0	NA	NA	24.60	12.29	12.31	0.00	NA
S-9	10/24/1990	170	NA	4.5	5.0	9.0	34	NA	NA	24.60	13.21	11.39	0.00	NA
S-9	01/23/1991	330	NA	6.6	6.8	24	71	NA	NA	24.60	13.10	11.50	0.00	NA
S-9	04/18/1991	290	NA	4.4	0.7	13	22	NA	NA	24.60	11.99	12.61	0.00	NA
S-9	07/22/1991	90	NA	4.1	<0.5	9.0	8.1	NA	NA	24.60	NA	NA	NA	NA
S-9	10/14/1991	60	NA	1.7	<0.5	4.5	2.6	NA	NA	24.60	12.90	11.70	0.00	NA
S-9	01/21/1992	<50	NA	1.1	<0.5	3.6	2.5	NA	NA	24.60	12.49	12.11	0.00	NA
S-9	04/10/1992	110	NA	1.5	0.3	8	4.7	NA	NA	24.60	11.23	13.37	0.00	NA

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**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-9	07/07/1992	<50	NA	0.5	<0.5	<0.5	<0.5	NA	NA	24.60	12.19	12.41	0.00	NA
S-9	10/01/1992	<50	NA	0.8	<0.5	5.3	3.5	NA	NA	24.60	12.69	11.91	0.00	NA
S-9	02/11/1993	130	NA	1.0	0.9	13	11	NA	NA	24.60	10.47	14.13	0.00	NA
S-9	05/06/1993	50	NA	<0.5	<0.5	5.7	1.4	NA	NA	24.60	NA	NA	NA	NA
S-9	08/25/1993	<50	NA	3.8	1.1	2.3	3.6	NA	NA	24.60	12.12	12.48	0.00	NA
S-9	11/17/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.60	12.12	12.48	0.00	NA
S-9	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.60	11.52	13.08	0.00	NA
S-9	05/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.60	11.03	13.57	0.00	NA
S-9	08/10/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.60	11.74	12.86	0.00	NA
S-9	11/03/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.60	10.08	14.52	0.00	NA
S-9	02/24/1995	<50	NA	<0.5	<0.5	6.4	0.5	NA	NA	24.60	10.31	14.29	0.00	NA
S-9	05/11/1995	<50	NA	<0.5	<0.5	1.8	<0.5	NA	NA	24.60	10.40	14.20	0.00	NA
S-9	08/18/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.60	11.44	13.16	0.00	NA
S-9	10/31/1995	<50	NA	<0.5	<0.5	0.7	<0.5	NA	NA	24.60	11.95	12.65	0.00	NA
S-9	04/19/1996	<50	NA	<0.50	<0.50	0.77	<0.50	NA	NA	24.60	9.98	14.62	0.00	NA
S-10	01/11/1988	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-10	10/24/1988	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-10	02/10/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-10	04/19/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	11.17	13.39	0.00	NA
S-10	07/21/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	11.55	13.01	0.00	NA
S-10	10/23/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	11.87	12.69	0.00	NA
S-10	01/08/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.56	11.74	12.82	0.00	NA
S-10	04/26/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	12.02	12.54	0.00	NA
S-10	07/18/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	11.79	12.77	0.00	NA
S-10	10/31/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	12.70	11.86	0.00	NA
S-10	01/23/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	12.60	11.96	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-10	04/18/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	11.45	13.11	0.00	NA
S-10	07/22/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	NA	NA	NA	NA
S-10	10/14/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	12.39	12.17	0.00	NA
S-10	01/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	12.02	12.54	0.00	NA
S-10	04/10/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	10.77	13.79	0.00	NA
S-10	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.56	11.68	12.88	0.00	NA
S-10	10/01/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	12.16	12.40	0.00	NA
S-10	02/10/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	10.03	14.53	0.00	NA
S-10	05/06/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	NA	NA	NA	NA
S-10	08/24/1993	<50	NA	2.7	0.6	0.8	1.5	NA	NA	24.56	11.60	12.96	0.00	NA
S-10	11/17/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	11.64	12.92	0.00	NA
S-10	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.56	11.14	13.42	0.00	NA
S-10	05/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	10.64	13.92	0.00	NA
S-10	08/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	11.26	13.30	0.00	NA
S-10	11/03/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	11.60	12.96	0.00	NA
S-10	02/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	9.92	14.64	0.00	NA
S-10	05/11/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	10.15	14.41	0.00	NA
S-10	08/18/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	10.96	13.60	0.00	NA
S-10	10/31/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.56	11.40	13.16	0.00	NA

S-11	01/11/1988	5000	NA	74	90	260	240	NA	NA	NA	NA	NA	NA	NA
S-11	10/24/1988	800	NA	14	5.0	22	190	NA	NA	NA	NA	NA	NA	NA
S-11	02/09/1989	1000	NA	9.0	16	34	80	NA	NA	NA	NA	NA	NA	NA
S-11	04/19/1989	1500	NA	11	1.0	68	74	NA	NA	25.09	11.58	13.51	0.00	NA
S-11	07/24/1989	1400	NA	7.6	1.0	65	81	NA	NA	25.09	11.92	13.17	0.00	NA
S-11	10/24/1989	830	NA	3.4	1.8	19	25	NA	NA	25.09	12.03	13.06	0.00	NA
S-11	01/08/1990	NA	NA	NA	NA	NA	NA	NA	NA	25.09	12.46	12.63	0.00	NA

DO  
Reading  
(ppm)

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-11	04/26/1990	340	NA	0.7	<0.5	6.7	3.0	NA	NA	25.09	12.70	12.39	0.00	NA
S-11	07/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	25.09	12.53	12.56	0.00	NA
S-11	10/31/1990	NA	NA	NA	NA	NA	NA	NA	NA	25.09	13.32	11.77	0.00	NA
S-11	01/23/1991	NA	NA	NA	NA	NA	NA	NA	NA	25.09	13.20	11.89	0.00	NA
S-11	04/18/1991	NA	NA	NA	NA	NA	NA	NA	NA	25.09	11.22	13.87	0.00	NA
S-11	10/14/1991	NA	NA	NA	NA	NA	NA	NA	NA	25.09	13.04	12.05	0.00	NA
S-11	01/21/1992	NA	NA	NA	NA	NA	NA	NA	NA	25.09	12.63	12.46	0.00	NA
S-11	04/10/1992	NA	NA	NA	NA	NA	NA	NA	NA	25.09	11.48	13.61	0.00	NA
S-11	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	25.09	12.29	12.80	0.00	NA
S-11	10/01/1992	NA	NA	NA	NA	NA	NA	NA	NA	25.09	12.80	12.29	0.00	NA
S-11	02/10/1993	490	NA	5.8	4.8	8.7	41	NA	NA	25.09	10.87	14.22	0.00	NA
S-11	08/25/1993	110	NA	8.1	0.9	6.0	8.7	NA	NA	25.09	12.28	12.81	0.00	NA
S-11	11/17/1993	70	NA	1.4	<0.5	0.6	0.6	NA	NA	25.09	12.36	12.73	0.00	NA
S-11	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	25.09	11.89	13.20	0.00	NA
S-11	05/09/1994	57	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.09	11.43	13.66	0.00	NA
S-11	08/10/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.09	12.06	13.03	0.00	NA
S-11	11/03/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.09	12.34	12.75	0.00	NA
S-11	02/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.09	10.72	14.37	0.00	NA
S-11	05/11/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.09	10.91	14.18	0.00	NA
S-11	08/18/1995	<50	NA	0.7	0.7	<0.5	<0.5	NA	NA	25.09	11.76	13.33	0.00	NA
S-11	10/31/1995	<50	NA	0.6	1.3	<0.5	3.2	NA	NA	25.09	12.12	12.97	0.00	NA
S-11	02/27/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2	NA	25.09	9.77	15.32	0.00	NA
S-11	04/19/1996	<50	NA	<0.50	0.84	<0.50	0.79	NA	NA	25.09	10.58	14.51	0.00	NA
S-11	08/01/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.09	11.13	13.96	0.00	NA
S-11	11/13/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.09	11.74	13.35	0.00	2.98
S-11	02/05/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.09	9.89	15.20	0.00	NA
S-11	05/27/1997	<50	NA	0.60	<0.50	<0.50	<0.50	2.6	NA	25.09	11.23	13.86	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-11	07/22/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.09	11.36	13.73	0.00	NA
S-11	11/13/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.09	11.88	13.21	0.00	NA
S-11	01/22/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.09	9.78	15.31	0.00	NA
S-11	05/21/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.09	10.60	14.49	0.00	NA
S-11	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	25.09	10.91	14.18	0.00	NA
S-11	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	25.09	11.76	13.33	0.00	NA
S-11	02/24/1999	98	NA	<0.50	<0.50	3.0	3.4	<2.5	NA	25.09	10.30	14.79	0.00	NA

S-12	01/11/1988	1500	NA	890	550	270	750	NA	NA	NA	NA	NA	NA	NA
S-12	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-12	07/24/1989	160000	NA	1000	18000	4700	29000	NA	NA	24.72	11.81	12.91	0.00	NA
S-12	10/24/1989	111000	NA	2200	26000	5000	30000	NA	NA	24.72	11.86	12.86	0.00	NA
S-12	01/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.72	12.20	12.52	0.00	NA
S-12	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.72	12.49	12.23	0.01	NA
S-12	07/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.72	12.29	12.43	0.01	NA
S-12	10/31/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.72	12.27	12.45	0.04	NA
S-12	01/23/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.72	12.94	11.78	0.00	NA
S-12	04/18/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.72	11.93	12.79	0.00	NA
S-12	10/14/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.72	12.84	11.88	0.00	NA
S-12	01/21/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.72	12.44	12.28	0.00	NA
S-12	04/10/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.72	11.27	13.45	0.00	NA
S-12	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.72	12.12	12.60	0.00	NA
S-12	10/01/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.72	12.64	12.08	0.00	NA
S-12	02/11/1993	31000	NA	<0.5	930	1500	10000	NA	NA	24.72	10.65	14.07	0.00	NA
S-12	08/25/1993	13000	NA	<0.5	100	540	3000	NA	NA	24.72	12.04	12.68	0.00	NA
S-12	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.72	12.06	12.66	0.00	NA
S-12	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.72	11.54	13.18	0.00	NA

DO  
Reading  
(ppm)

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-12	05/09/1994	13000	NA	25	36	340	1500	NA	NA	24.72	11.18	13.54	0.00	NA
S-12	08/10/1994	8300	NA	15	17	270	1100	NA	NA	24.72	11.78	12.94	0.00	NA
S-12	11/03/1994	17000	NA	41	19	330	1100	NA	NA	24.72	12.06	12.66	0.00	NA
S-12	02/24/1995	16000	NA	87	29	380	2000	NA	NA	24.72	10.48	14.24	0.00	NA
S-12	05/11/1995	9600	NA	52	<20	340	1200	NA	NA	24.72	10.65	14.07	0.00	NA
S-12	08/18/1995	5100	NA	<5	<5	98	380	NA	NA	24.72	11.55	13.17	0.00	0.0
S-12	10/31/1995	8700	NA	<5	11	150	380	NA	NA	24.72	11.87	12.85	0.00	NA
S-12	02/27/1996	18000	NA	<0.5	19	600	3700	<40	NA	24.72	8.80	15.92	0.00	NA
S-12	04/19/1996	1400	NA	6.2	<2.5	78	130	NA	NA	24.72	10.43	14.29	0.00	NA
S-12	08/01/1996	7200	NA	15	<10	200	880	<50	NA	24.72	10.97	13.75	0.00	3.1
S-12	11/13/1996	190	NA	<0.50	0.79	0.74	1.0	<2.5	NA	24.72	11.52	13.20	0.00	4.6
S-12	02/05/1997	19000	NA	35	<20	570	2800	<100	NA	24.72	9.71	15.01	0.00	1.9
S-12	05/27/1997	5500	NA	15	<5.0	150	440	<25	NA	24.72	11.00	13.72	0.00	1.2
S-12	07/22/1997	1500	NA	<2.5	<2.5	35	110	<12	NA	24.72	10.86	13.86	0.00	2.1
S-12	11/13/1997	1000	NA	4.9	<2.5	27	73	<12	NA	24.72	11.68	13.04	0.00	1.4
S-12	01/22/1998	1700	NA	<10	<10	<10	210	<50	NA	24.72	9.73	14.99	0.00	0.6
S-12	05/21/1998	2600	NA	6.9	13	210	20	7.3	NA	24.72	10.28	14.44	0.00	2.36
S-12	07/23/1998	980	NA	18	<5.0	99	14	<25	NA	24.72	10.69	14.03	0.00	1.0
S-12	11/05/1998	360	NA	1.1	<0.50	1.8	1.7	<2.5	NA	24.72	11.19	13.53	0.00	NA
S-12	12/16/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.72	NA	NA	0.00	0.7
S-12	02/24/1999	1500	NA	11	<10	56	62	52	NA	24.72	9.91	14.81	0.00	0.7

S-13	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-13	07/24/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.85	11.35	13.50	0.02	NA
S-13	10/24/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.85	11.35	13.50	0.12	NA
S-13	01/08/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.85	12.52	12.33	0.03	NA
S-13	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.85	14.51	10.34	0.01	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-13	07/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.85	NA	NA	NA	NA
S-13	10/31/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.85	14.59	10.26	0.01	NA
S-13	01/23/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.85	12.56	12.29	0.00	NA
S-13	04/18/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.85	13.56	11.29	0.00	NA
S-13	10/14/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.85	14.28	10.57	0.00	NA
S-13	01/21/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.85	NA	NA	NA	NA
S-13	04/10/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.85	NA	NA	NA	NA
S-13	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.85	NA	NA	NA	NA
S-13	10/01/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.85	NA	NA	NA	NA
S-13	02/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.85	NA	NA	NA	NA
S-13	08/24/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.85	NA	NA	NA	NA
S-13	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.85	12.50	12.35	0.00	NA
S-13	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.85	12.43	12.42	0.00	NA
S-13	05/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.85	11.89	12.96	0.00	NA
S-13	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.85	11.44	13.41	0.00	NA
S-13	11/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.85	12.60	12.25	0.00	NA
S-13	02/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.85	12.46	12.39	0.00	NA
S-13	05/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.85	10.50	14.35	0.00	NA
S-13	08/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.85	11.00	13.85	0.00	NA
S-13	10/31/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.85	11.84	13.01	0.00	NA
S-13	02/27/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.85	12.22	12.63	0.00	NA
S-13	04/19/1986	NA	NA	NA	NA	NA	NA	NA	NA	24.85	9.35	15.50	0.00	NA
S-13	08/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.85	10.55	14.30	0.00	NA
S-13	11/13/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.85	11.19	13.66	0.00	NA
S-13	02/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.85	11.46	13.39	0.00	NA
S-13	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.85	9.76	15.09	0.00	NA
S-13	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.85	11.30	13.55	0.00	NA
S-13		NA	NA	NA	NA	NA	NA	NA	NA	24.85	11.03	13.82	0.00	NA

DO  
Reading  
(ppm)



**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-13	11/13/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.85	11.83	13.02	0.00	NA
S-13	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.85	9.66	15.19	0.00	NA
S-13	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.85	10.56	14.29	0.00	NA
S-13	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.85	10.97	13.88	0.00	NA
S-13	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.85	12.31	12.54	0.00	NA
S-13	02/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	24.85	10.14	14.71	0.00	NA
S-14	01/11/1988	120	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-14	10/24/1988	50	NA	<0.5	1.0	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-14	02/09/1989	80	NA	<0.50	7.0	3.0	18	NA	NA	NA	NA	NA	NA	NA
S-14	04/19/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.27	12.03	13.24	0.00	NA
S-14	07/24/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.27	12.40	12.87	0.00	NA
S-14	10/24/1989	<50	NA	<0.5	0.8	NA	<0.5	NA	NA	25.27	12.61	12.66	0.00	NA
S-14	01/08/1990	NA	NA	NA	NA	NA	NA	NA	NA	25.27	12.57	12.70	0.00	NA
S-14	04/26/1990	<50	NA	<0.5	0.5	<0.5	1.0	NA	NA	25.27	12.73	12.54	0.00	NA
S-14	07/18/1990	<50	NA	<0.5	1.0	0.6	3.0	NA	NA	25.27	12.62	12.65	0.00	NA
S-14	10/31/1990	<50	NA	0.9	3.6	9.2	3.1	NA	NA	25.27	13.43	11.84	0.00	NA
S-14	01/23/1991	200	NA	6.7	34	<0.50	51	NA	NA	25.27	13.24	12.03	0.00	NA
S-14	04/18/1991	<50	NA	<0.5	<0.5	<0.5	0.8	NA	NA	25.27	12.10	13.17	0.00	NA
S-14	07/22/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.27	NA	NA	NA	NA
S-14	10/14/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.27	13.08	12.19	0.00	NA
S-14	01/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.27	12.69	12.58	0.00	NA
S-14	04/10/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.27	11.50	13.77	0.00	NA
S-14	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	25.27	12.34	12.93	0.00	NA
S-14	10/01/1992	<50	NA	1.3	4.2	1.0	4.5	NA	NA	25.27	12.83	12.44	0.00	NA
S-14	02/10/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.27	10.93	14.34	0.00	NA
S-14	05/06/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.27	NA	NA	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-14	08/24/1993	<50	NA	4.7	0.9	1.3	2.3	NA	NA	25.27	12.29	12.98	0.00	NA
S-14	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	25.27	12.44	12.83	0.00	NA
S-14	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	25.27	11.93	13.34	0.00	NA
S-14	05/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.27	11.54	13.73	0.00	NA
S-14	08/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.27	12.12	13.15	0.00	NA
S-14	11/03/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.27	12.32	12.95	0.00	NA
S-14	02/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.27	10.94	14.33	0.00	NA
S-14	05/11/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.27	11.05	14.22	0.00	NA
S-14	08/18/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.27	11.88	13.39	0.00	NA
S-14	10/31/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.27	12.30	12.97	0.00	NA

S-15	01/11/1988	120	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-15	10/24/1988	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-15	02/09/1989	<50	NA	<0.5	1.0	1.0	3.0	NA	NA	NA	NA	NA	NA	NA
S-15	04/19/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.01	11.66	13.35	0.00	NA
S-15	07/24/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.01	12.07	12.94	0.00	NA
S-15	10/23/1989	NA	NA	NA	NA	NA	NA	NA	NA	25.01	12.28	12.73	0.00	NA
S-15	01/08/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.01	12.26	12.75	0.00	NA
S-15	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	25.01	12.41	12.60	0.00	NA
S-15	07/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	25.01	12.29	12.72	0.00	NA
S-15	10/31/1990	NA	NA	NA	NA	NA	NA	NA	NA	25.01	13.11	11.90	0.00	NA
S-15	01/23/1991	NA	NA	NA	NA	NA	NA	NA	NA	25.01	12.96	12.05	0.00	NA
S-15	04/18/1991	NA	NA	NA	NA	NA	NA	NA	NA	25.01	11.81	13.20	0.00	NA
S-15	10/14/1991	NA	NA	NA	NA	NA	NA	NA	NA	25.01	12.78	12.23	0.00	NA
S-15	03/21/1992	NA	NA	NA	NA	NA	NA	NA	NA	25.01	12.41	12.60	0.00	NA
S-15	04/10/1992	NA	NA	NA	NA	NA	NA	NA	NA	25.01	11.18	13.83	0.00	NA
S-15	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	25.01	12.04	12.97	0.00	NA

PH  
ess  
Reading  
(ppm)

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-15	10/01/1992	NA	NA	NA	NA	NA	NA	NA	NA	25.01	12.54	12.47	0.00	NA
S-15	02/10/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.01	10.59	14.42	0.00	NA
S-15	08/24/1993	NA	NA	NA	NA	NA	NA	NA	NA	25.01	12.00	13.01	0.00	NA
S-15	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	25.01	NA	NA	NA	NA
S-15	02/09/1994	Well Abandoned		NA	NA	NA	NA	NA	NA	25.01	NA	NA	NA	NA
S-16	01/11/1988	130	NA	0.6	1.8	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA
S-16	10/24/1988	50	NA	0.6	2.0	1.0	8.0	NA	NA	NA	NA	NA	NA	NA
S-16	02/09/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-16	04/19/1989	<50	NA	0.5	<0.5	<0.5	<0.5	NA	NA	25.04	11.61	13.43	0.00	NA
S-16	07/21/1989	<50	NA	0.6	1.0	<0.5	<0.5	NA	NA	25.04	12.02	13.02	0.00	NA
S-16	10/23/1989	<50	NA	<0.5	0.6	<0.5	<0.5	NA	NA	25.04	12.27	12.77	0.00	NA
S-16	01/08/1990	NA	NA	NA	NA	NA	NA	NA	NA	25.04	12.28	12.76	0.00	NA
S-16	04/26/1990	<50	NA	<0.5	1.4	0.5	3.0	NA	NA	25.04	12.47	12.57	0.00	NA
S-16	07/18/1990	70	NA	4.0	10	3.0	20	NA	NA	25.04	12.31	12.73	0.00	NA
S-16	10/31/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.04	13.11	11.93	0.00	NA
S-16	01/23/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.04	13.02	12.02	0.00	NA
S-16	04/18/1991	<50	NA	<0.5	0.6	1.1	2.4	NA	NA	25.04	11.89	13.15	0.00	NA
S-16	07/22/1991	<50	NA	<0.5	1.3	<0.5	2.4	NA	NA	25.04	NA	NA	NA	NA
S-16	10/14/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.04	12.84	12.20	0.00	NA
S-16	01/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.04	12.43	12.61	0.00	NA
S-16	04/10/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.04	11.23	13.81	0.00	NA
S-16	07/07/1992	<50	NA	1.1	4.8	1.1	8.3	NA	NA	25.04	12.07	12.97	0.00	NA
S-16	10/01/1992	<50	NA	<0.5	0.9	<0.5	1.6	NA	NA	25.04	12.58	12.46	0.00	NA
S-16	02/10/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.04	10.59	14.45	0.00	NA
S-16	05/06/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.04	12.02	13.02	0.00	NA
S-16	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	25.04	NA	NA	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-16	02/09/1994	Well Abandoned		NA	NA	NA	NA	NA	NA	25.04	NA	NA	NA	NA
S-17	01/11/1988	120	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-17	10/24/1988	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-17	02/09/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-17	04/19/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-17	07/21/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.96	24.96	13.37	0.00	NA
S-17	10/23/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.96	12.00	12.96	0.00	NA
S-17	01/08/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.96	12.23	12.73	0.00	NA
S-17	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.96	12.16	12.80	0.00	NA
S-17	07/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.96	12.43	12.53	0.00	NA
S-17	10/31/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.96	12.20	12.76	0.00	NA
S-17	01/23/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.96	13.11	11.85	0.00	NA
S-17	04/18/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.96	13.00	11.96	0.00	NA
S-17	10/14/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.96	11.90	13.06	0.00	NA
S-17	01/21/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.96	12.81	12.15	0.00	NA
S-17	04/10/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.96	12.43	12.53	0.00	NA
S-17	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.96	11.18	13.78	0.00	NA
S-17	10/01/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.96	12.10	12.86	0.00	NA
S-17	02/10/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.96	12.57	12.39	0.00	NA
S-17	08/24/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.96	10.52	14.44	0.00	NA
S-17	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.96	12.02	12.94	0.00	NA
S-17	02/09/1994	Well Abandoned		NA	NA	NA	NA	NA	NA	24.96	NA	NA	NA	NA
S-18	01/11/1988	480	NA	2.2	<0.5	2.3	1.3	NA	NA	NA	NA	NA	NA	NA
S-18	10/24/1988	90	NA	0.5	1.0	1.0	4.0	NA	NA	NA	NA	NA	NA	NA
S-18	02/09/1989	70	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA

SPH  
Thickness  
(ft.)  
DO  
Reading  
(ppm)

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

NA  
NA  
NA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-18	04/19/1989	50	NA	0.5	<0.5	<0.5	<0.5	NA	NA	24.25	11.22	13.03	0.00	NA
S-18	07/24/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	11.63	12.62	0.00	NA
S-18	10/23/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.25	11.87	12.38	0.00	NA
S-18	01/08/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	11.50	12.75	0.00	NA
S-18	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.25	12.06	12.19	0.00	NA
S-18	07/18/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	11.59	12.66	0.00	NA
S-18	10/24/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	12.72	11.53	0.00	NA
S-18	01/23/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	12.64	11.61	0.00	NA
S-18	04/18/1991	<50	NA	<0.5	<0.5	<0.5	0.7	NA	NA	24.25	11.58	12.67	0.00	NA
S-18	07/22/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	NA	NA	NA	NA
S-18	10/14/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	12.33	11.92	0.00	NA
S-18	01/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	12.02	12.23	0.00	NA
S-18	04/10/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	10.85	13.40	0.00	NA
S-18	07/07/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	11.71	12.54	0.00	NA
S-18	10/01/1992	<50	NA	0.8	<0.5	<0.5	<0.5	NA	NA	24.25	12.18	12.07	0.00	NA
S-18	02/11/1993	<50	NA	0.7	0.6	<0.5	2.6	NA	NA	24.25	10.00	14.25	0.00	NA
S-18	05/06/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	NA	NA	NA	NA
S-18	08/25/1993	60	NA	8.4	2.5	2.9	6.0	NA	NA	24.25	11.62	12.63	0.00	NA
S-18	11/17/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	11.49	12.76	0.00	NA
S-18	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.25	11.07	13.18	0.00	NA
S-18	05/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	10.42	13.83	0.00	NA
S-18	08/10/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	11.60	12.65	0.00	NA
S-18	11/03/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	11.36	12.89	0.00	NA
S-18	02/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	9.58	14.67	0.00	NA
S-18	05/11/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	9.82	14.43	0.00	NA
S-18	08/18/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	10.75	13.50	0.00	NA
S-18	10/31/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.25	11.15	13.10	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-19	01/11/1988	8400	NA	270	520	380	2000	NA	NA	NA	NA	NA	NA	NA
S-19	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-19	07/24/1989	3800	NA	50	70	80	570	NA	NA	24.23	10.71	13.52	0.00	NA
S-19	10/23/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.23	10.94	13.29	0.00	NA
S-19	01/08/1990	5500	NA	24	46	57	490	NA	NA	24.23	11.62	12.61	0.00	NA
S-19	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.23	12.19	12.04	0.01	NA
S-19	10/31/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.23	12.86	11.37	0.01	NA
S-19	01/23/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.23	11.64	12.59	0.00	NA
S-19	04/18/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.23	12.78	11.45	0.00	NA
S-19	10/14/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.23	12.52	11.71	0.00	NA
S-19	01/21/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.23	12.16	12.07	0.00	NA
S-19	04/10/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.23	10.17	14.06	0.00	NA
S-19	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.23	11.80	12.43	0.00	NA
S-19	10/01/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.23	11.56	12.67	0.00	NA
S-19	02/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.23	10.16	14.07	0.00	NA
S-19	08/24/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.23	11.85	12.38	0.00	NA
S-19	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.23	11.59	12.64	0.00	NA
S-19	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.23	11.19	13.04	0.00	NA
S-19	05/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.23	11.45	12.78	0.00	NA
S-19	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.23	11.10	13.13	0.00	NA
S-19	11/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.23	11.52	12.71	0.00	NA
S-19	02/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.23	9.72	14.51	0.00	NA
S-19	05/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.23	9.90	14.33	0.00	NA
S-19	08/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.23	10.81	13.42	0.00	NA
S-19	10/31/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.23	11.35	12.88	0.00	NA
S-19	02/27/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.23	8.64	15.59	0.00	0.00

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**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-19	04/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.23	9.40	14.83	0.00	NA
S-19	08/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.23	10.23	14.00	0.00	NA
S-19	11/13/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.23	10.70	13.53	0.00	NA
S-19	02/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.23	8.67	15.56	0.00	NA
S-19	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.23	10.35	13.88	0.00	NA
S-19	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.23	10.86	13.37	0.00	NA
S-19	11/13/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.23	11.14	13.09	0.00	NA
S-19	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.23	8.47	15.76	0.00	NA
S-19	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.23	9.48	14.75	0.00	NA
S-19	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.23	10.00	14.23	0.00	NA
S-19	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.23	11.42	12.81	0.00	NA
S-19	02/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	24.23	8.99	15.24	0.00	NA
S-20	01/11/1988	37000	NA	1600	3500	1300	7600	NA	NA	NA	NA	NA	NA	NA
S-20	04/20/1989	110000	NA	1200	4900	3300	16000	NA	NA	24.05	10.97	13.08	0.00	NA
S-20	07/24/1989	26000	NA	530	900	1000	6200	NA	NA	24.05	10.54	13.51	0.00	NA
S-20	10/24/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.05	10.59	13.46	0.04	NA
S-20	01/15/1904	NA	NA	NA	NA	NA	NA	NA	NA	24.05	11.66	12.39	0.00	NA
S-20	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.05	14.21	9.84	0.00	NA
S-20	10/31/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.05	12.80	11.25	0.00	NA
S-20	01/23/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.05	11.70	12.35	0.00	NA
S-20	04/18/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.05	12.79	11.26	0.00	NA
S-20	10/14/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.05	NA	NA	NA	NA
S-20	01/21/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.05	NA	NA	NA	NA
S-20	04/10/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.05	NA	NA	NA	NA
S-20	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.05	NA	NA	NA	NA
S-20	10/01/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.05	NA	NA	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-20	02/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.05	NA	NA	NA	NA
S-20	08/24/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.05	11.69	12.36	0.00	NA
S-20	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.05	11.55	12.50	0.00	NA
S-20	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.05	11.10	12.95	0.00	NA
S-20	05/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.05	10.47	13.58	0.00	NA
S-20	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.05	11.22	12.83	0.00	NA
S-20	11/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.05	11.58	12.47	0.00	NA
S-20	02/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.05	9.76	14.29	0.00	NA
S-20	05/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.05	10.93	13.12	0.00	NA
S-20	08/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.05	10.90	13.15	0.00	NA
S-20	10/31/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.05	11.32	12.73	0.00	NA
S-20	02/27/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.05	9.60	14.45	0.00	NA
S-20	04/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.05	9.41	14.64	0.00	NA
S-20	08/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.05	10.32	13.73	0.00	NA
S-20	11/13/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.05	10.96	13.09	0.00	NA
S-20	02/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.05	8.58	15.47	0.00	NA
S-20	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.05	10.32	13.73	0.00	NA
S-20	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.05	10.76	13.29	0.00	NA
S-20	11/13/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.05	10.94	13.11	0.00	NA
S-20	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.05	8.46	15.59	0.00	NA
S-20	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.05	9.37	14.68	0.00	NA
S-20	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.05	10.02	14.03	0.00	NA
S-20	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.05	10.97	13.08	0.00	NA
S-20	02/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	24.05	9.00	15.05	0.00	NA
S-21	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-21	07/24/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.31	10.94	13.37	0.01	NA

PH  
ness  
DO  
Reading  
(ppm)



**WELL CONCENTRATIONS**  
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**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-21	10/23/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.31	11.13	13.18	0.00	NA
S-21	01/08/1990	26000	NA	86	40	74	590	NA	NA	24.31	11.93	12.38	0.00	NA
S-21	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.31	12.41	11.90	0.00	NA
S-21	07/18/1990	1900000	NA	96000	21000	70000	200000	NA	NA	24.31	11.92	12.39	0.00	NA
S-21	10/31/1990	2100	NA	130	210	60	250	NA	NA	24.31	12.65	11.66	0.00	NA
S-21	01/23/1991	1400	NA	54	76	61	200	NA	NA	24.31	12.82	11.49	0.00	NA
S-21	04/18/1991	1600	NA	120	120	54	170	NA	NA	24.31	11.91	12.40	0.00	NA
S-21	07/22/1991	570	NA	29	16	18	62	NA	NA	24.31	NA	NA	NA	NA
S-21	10/15/1991	1000	NA	22	6.1	16	58	NA	NA	24.31	12.72	11.59	0.00	NA
S-21	01/21/1992	4800	NA	240	200	62	1100	NA	NA	24.31	12.27	12.04	0.00	NA
S-21	04/10/1992	2900	NA	110	54	340	340	NA	NA	24.31	10.32	13.99	0.00	NA
S-21	07/07/1992	570	NA	50	33	23	58	NA	NA	24.31	11.19	13.12	0.00	NA
S-21	10/01/1992	380	NA	39	11	23	27	NA	NA	24.31	11.68	12.63	0.00	NA
S-21	02/10/1993	4300	NA	130	83	400	520	NA	NA	24.31	10.36	13.95	0.00	NA
S-21	05/06/1993	540	NA	27	52	34	120	NA	NA	24.31	NA	NA	NA	NA
S-21	08/24/1993	310	NA	6.8	16	9.7	31	NA	NA	24.31	11.97	12.34	0.00	NA
S-21	11/17/1993	140	NA	3.0	6.6	5.6	14	NA	NA	24.31	11.82	12.49	0.00	NA
S-21	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.31	11.26	13.05	0.00	NA
S-21	05/09/1994	300	NA	5.3	19	10	37	NA	NA	24.31	10.73	13.58	0.00	NA
S-21	08/09/1994	550	NA	2.2	1.0	0.9	6.1	NA	NA	24.31	11.34	12.97	0.00	NA
S-21	11/03/1994	150	NA	3.0	0.9	1.8	2.5	NA	NA	24.31	10.98	13.33	0.00	NA
S-21	02/24/1995	400	NA	11	21	20	64	NA	NA	24.31	10.14	14.17	0.00	NA
S-21	05/11/1995	200	NA	4.4	11	7.8	36	NA	NA	24.31	10.25	14.06	0.00	NA
S-21	08/18/1995	60	NA	7.8	2.9	1.8	1.4	NA	NA	24.31	11.30	13.01	0.00	0.4
S-21	10/31/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.31	12.10	12.21	0.00	NA
S-21	02/27/1996	400	NA	6.7	5.4	16	44	<2	NA	24.31	8.81	15.50	0.00	NA
S-21	04/19/1996	83	NA	2.0	<0.50	1.1	2.0	NA	NA	24.31	10.00	14.31	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-21	02/05/1997	200	NA	2.5	1.4	10	28	<2.5	NA	24.31	8.83	15.48	0.00	3.4
S-21	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.31	10.68	13.63	0.00	1.3
S-21	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.31	10.69	13.62	0.00	1.7
S-21	11/13/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.31	11.34	12.97	0.00	1.6
S-21	01/22/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.31	8.72	15.59	0.00	1.0
S-21	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.31	10.38	13.93	0.00	NA
S-21	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.31	10.31	14.00	0.00	1.0
S-21	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.31	10.81	13.50	0.00	NA
S-21	12/16/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.31	NA	NA	0.00	0.8
S-21	02/24/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.31	9.21	15.10	0.00	0.6
S-22	04/20/1989	130000	NA	4700	11000	2300	1700	NA	NA	24.67	11.51	13.16	0.00	NA
S-22	07/24/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.67	11.17	13.50	0.01	NA
S-22	10/23/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.67	11.29	13.38	0.00	NA
S-22	01/08/1990	1800	NA	40	20	28	210	NA	NA	24.67	12.29	12.38	0.00	NA
S-22	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.67	12.63	12.04	0.00	NA
S-22	07/22/1990	1300	NA	80	20	7.0	180	NA	NA	24.67	12.29	12.38	0.00	NA
S-22	10/31/1990	2600	NA	200	42	13	330	NA	NA	24.67	13.27	11.40	0.00	NA
S-22	01/23/1991	1300	NA	130	120	23	180	NA	NA	24.67	13.07	11.60	0.00	NA
S-22	04/18/1991	840	NA	22	7.2	11	81	NA	NA	24.67	12.19	12.48	0.00	NA
S-22	07/22/1991	780	NA	35	18	5.2	140	NA	NA	24.67	NA	NA	0.00	NA
S-22	10/15/1991	2000	NA	91	41	7.0	540	NA	NA	24.67	12.97	11.70	0.00	NA
S-22	01/21/1992	3400	NA	180	60	62	780	NA	NA	24.67	12.53	12.14	0.00	NA
S-22	04/10/1992	1800	NA	3.5	7.9	16	180	NA	NA	24.67	10.51	14.16	0.00	NA
S-22	07/07/1992	670	NA	18	13	16	110	NA	NA	24.67	11.35	13.32	0.00	NA
S-22	10/01/1992	3100	NA	260	80	65	610	NA	NA	24.67	11.82	12.85	0.00	NA
S-22	02/10/1993	3100	NA	64	43	79	630	NA	NA	24.67	10.72	13.95	0.00	NA

DO  
Reading

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-22	05/06/1993	1000	NA	50	11	72	460	NA	NA	24.67	NA	NA	NA	NA
S-22	08/24/1993	390	NA	11	3.0	6.0	62	NA	NA	24.67	12.20	12.47	0.00	NA
S-22	11/17/1993	560	NA	4.1	5.6	9.0	22	NA	NA	24.67	12.16	12.51	0.00	NA
S-22	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.67	11.56	13.11	0.00	NA
S-22	05/09/1994	310	NA	6	<0.5	8.4	32	NA	NA	24.67	11.19	13.48	0.00	NA
S-22	08/10/1994	280	NA	8.7	<0.5	7.6	20	NA	NA	24.67	11.72	12.95	0.00	NA
S-22	11/03/1994	420	NA	14	1.1	5.7	5.0	NA	NA	24.67	12.14	12.53	0.00	NA
S-22	02/24/1995	710	NA	13	1.0	18	69	NA	NA	24.67	10.56	14.11	0.00	NA
S-22	05/11/1995	500	NA	8.9	1.0	12	49	NA	NA	24.67	10.60	14.07	0.00	NA
S-22	08/18/1995	820	NA	38	2.7	34	74	NA	NA	24.67	11.80	12.87	0.00	0.4
S-22	10/31/1995	<50	NA	1.1	<0.5	0.8	1.6	NA	NA	24.67	12.32	12.35	0.00	NA
S-22	02/27/1996	1700	NA	34	40	48	220	<2	NA	24.67	10.42	14.25	0.00	NA
S-22	04/19/1996	1400	NA	39	<2.5	62	48	NA	NA	24.67	10.58	14.09	0.00	NA
S-22	02/05/1997	380	NA	20	1.2	10	34	3.4	NA	24.67	9.63	15.04	0.00	3.2
S-22	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.67	11.14	13.53	0.00	0.9
S-22	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.67	11.16	13.51	0.00	1.2
S-22	11/13/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.67	11.67	13.00	0.00	1.8
S-22	01/22/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.67	9.26	15.41	0.00	1.2
S-22	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.67	10.30	14.37	0.00	NA
S-22	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.67	10.77	13.90	0.00	1.4
S-22	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.67	11.09	13.58	0.00	NA
S-22	12/16/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.67	NA	NA	0.00	0.7
S-22	02/24/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.67	9.77	14.90	0.00	0.9
S-23	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-23	07/24/1989	350	NA	22	<0.5	6.0	13	NA	NA	24.54	11.20	13.34	0.00	NA
S-23	10/23/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.54	11.44	13.10	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-23	01/08/1990	860	NA	7.3	7.9	7.3	47	NA	NA	24.54	12.22	12.32	0.00	NA
S-23	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.54	12.61	11.93	0.00	NA
S-23	07/18/1990	290	NA	1.8	<0.5	1.6	2.2	NA	NA	24.54	12.33	12.21	0.00	NA
S-23	10/31/1990	300	NA	5.0	<0.5	<0.5	1.6	NA	NA	24.54	13.30	11.24	0.00	NA
S-23	01/23/1991	240	NA	4.8	1.4	1.7	3.5	NA	NA	24.54	13.06	11.48	0.00	NA
S-23	04/18/1991	420	NA	7.2	3.1	1.7	4.2	NA	NA	24.54	12.32	12.22	0.00	NA
S-23	07/22/1991	280	NA	2.2	<0.5	<0.5	0.7	NA	NA	24.54	NA	NA	NA	NA
S-23	10/15/1991	270	NA	4.9	1.0	0.8	2.6	NA	NA	24.54	13.05	11.49	0.00	NA
S-23	01/21/1992	250	NA	3.8	1.3	<0.5	0.9	NA	NA	24.54	12.70	11.84	0.00	NA
S-23	04/10/1992	690	NA	32	1.7	15	7.0	NA	NA	24.54	11.63	12.91	0.00	NA
S-23	07/07/1992	170	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.54	12.42	12.12	0.00	NA
S-23	10/01/1992	340	NA	<0.5	2.2	2.3	4.5	NA	NA	24.54	12.87	11.67	0.00	NA
S-23	02/10/1993	410	NA	1.4	<0.5	1.5	2.0	NA	NA	24.54	10.85	13.69	0.00	NA
S-23	05/06/1993	370	NA	<0.5	0.9	1.8	5.4	NA	NA	24.54	NA	NA	NA	NA
S-23	08/24/1993	160	NA	4.7	0.6	2.8	5.7	NA	NA	24.54	12.28	12.26	0.00	NA
S-23	11/17/1993	210	NA	<0.5	<0.5	<0.5	5.3	NA	NA	24.54	12.26	12.28	0.00	NA
S-23	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.54	11.66	12.88	0.00	NA
S-23	05/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.54	11.20	13.34	0.00	NA
S-23	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.54	11.86	12.68	0.00	NA
S-23	11/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.54	12.16	12.38	0.00	NA
S-23	02/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.54	10.02	14.52	0.00	NA
S-23	05/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.54	10.60	13.94	0.00	NA
S-23	08/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.54	11.57	12.97	0.00	NA
S-23	10/31/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.54	11.94	12.60	0.00	NA
S-23	02/27/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.54	8.95	15.59	0.00	NA
S-23	04/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.54	10.20	14.34	0.00	NA
S-23	11/13/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.54	11.52	13.02	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
										24.54	9.41	15.13	0.00	NA
S-23	02/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.54	11.11	13.43	0.00	NA
S-23	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.54	11.08	13.46	0.00	NA
S-23	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.54	11.58	12.96	0.00	NA
S-23	11/13/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.54	9.30	15.24	0.00	NA
S-23	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.54	10.42	14.12	0.00	NA
S-23	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.54	10.70	13.84	0.00	NA
S-23	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.54	11.28	13.26	0.00	NA
S-23	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.54	9.87	14.67	0.00	NA
S-23	02/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-24	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.61	11.17	13.44	0.00	NA
S-24	07/24/1989	1900	NA	55	<0.5	20	<0.5	NA	NA	24.61	11.37	13.24	0.00	NA
S-24	10/23/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.61	12.16	12.45	0.00	NA
S-24	01/08/1990	6000	NA	140	19	170	480	NA	NA	24.61	12.55	12.06	0.00	NA
S-24	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.61	12.30	12.31	0.00	NA
S-24	07/18/1990	2200	NA	48	5.0	58	95	NA	NA	24.61	13.31	11.30	0.00	NA
S-24	10/31/1990	2200	NA	32	4.2	39	56	NA	NA	24.61	13.04	11.57	0.00	NA
S-24	01/23/1991	1100	NA	21	<0.5	4.0	7.3	NA	NA	24.61	12.12	12.49	0.00	NA
S-24	04/18/1991	7600	NA	36	77	4.7	74	NA	NA	24.61	NA	NA	NA	NA
S-24	07/22/1991	730	NA	17	1.6	4.4	12	NA	NA	24.61	12.97	11.64	0.00	NA
S-24	10/15/1991	1700	NA	6.3	<0.5	3.2	0.6	NA	NA	24.61	12.54	12.07	0.00	NA
S-24	01/21/1992	1100	NA	15	1.7	5.8	3.8	NA	NA	24.61	11.44	13.17	0.00	NA
S-24	04/10/1992	3500	NA	22	1.2	<0.5	5.4	NA	NA	24.61	12.28	12.33	0.00	NA
S-24	07/07/1992	420	NA	4.8	<0.5	2.9	3.0	NA	NA	24.61	12.73	11.88	0.00	NA
S-24	10/01/1992	4300	NA	5.6	3.3	11	19	NA	NA	24.61	10.81	13.80	0.00	NA
S-24	02/10/1993	630	NA	5.2	<0.5	4.0	4.5	NA	NA	24.61	NA	NA	NA	NA
S-24	05/06/1993	530	NA	2.4	<0.5	3.7	13	NA	NA	24.61	NA	NA	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-24	08/24/1993	690	NA	18	3.2	14	58	NA	NA	24.61	12.18	12.43	0.00	NA
S-24	11/17/1993	350	NA	1.2	2.9	5.4	7.3	NA	NA	24.61	12.16	12.45	0.00	NA
S-24	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.61	11.63	12.98	0.00	NA
S-24	05/09/1994	440	NA	<0.5	<0.5	<0.5	1.1	NA	NA	24.61	11.17	13.44	0.00	NA
S-24	08/10/1994	310	NA	<0.5	<0.5	2.1	1.9	NA	NA	24.61	11.80	12.81	0.00	NA
S-24	11/03/1994	920	NA	<0.5	<0.5	3.4	0.6	NA	NA	24.61	12.10	14.21	0.00	NA
S-24	02/24/1995	280	NA	2.4	0.9	3.7	7.5	NA	NA	24.61	10.40	14.01	0.00	NA
S-24	05/11/1995	90	NA	1.7	<0.5	1.2	<0.5	NA	NA	24.61	10.60	12.58	0.00	1.2
S-24	08/18/1995	100	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.61	12.03	12.67	0.00	NA
S-24	10/31/1995	90	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.61	11.94	16.06	0.00	NA
S-24	02/27/1996	110	NA	0.9	<0.5	0.9	3.3	<2	NA	24.61	8.55	14.17	0.00	NA
S-24	04/19/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	NA	24.61	10.44	13.25	0.00	4.3
S-24	08/01/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.61	11.36	13.19	0.00	5.2
S-24	11/13/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.61	11.42	15.10	0.00	2.2
S-24	02/05/1997	57	NA	0.86	<0.50	<0.50	1.1	<2.5	NA	24.61	9.51	13.53	0.00	1.5
S-24	05/27/1997	54	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.61	11.08	13.03	0.00	2.0
S-24	07/22/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.61	11.58	12.49	0.00	2.4
S-24	11/13/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.61	12.12	15.33	0.00	3.1
S-24	01/22/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.61	9.28	14.30	0.00	2.84
S-24	05/21/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.61	10.31	14.06	0.00	1.3
S-24	07/23/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.61	10.55	13.18	0.00	NA
S-24	11/05/1998	110	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.61	11.43	NA	0.00	0.9
S-24	12/16/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.61	NA	NA	0.00	0.8
S-24	02/24/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	24.61	9.91	14.70	0.00	
S-25	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-25	07/24/1989	21000	NA	290	50	200	1600	NA	NA	24.81	11.26	13.55	0.00	

SPH  
Thickness  
(ft.)  
DO  
Reading  
(ppm)

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-25	10/23/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.81	11.46	13.35	0.00	NA
S-25	01/08/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.81	12.36	12.45	0.00	NA
S-25	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.81	12.20	12.61	0.00	NA
S-25	07/18/1990	30000	NA	520	55	380	2700	NA	NA	24.81	12.44	12.37	0.00	NA
S-25	10/31/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.81	12.26	12.55	0.01	NA
S-25	01/23/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.81	13.14	11.67	0.01	NA
S-25	04/18/1991	24000	NA	400	140	340	1500	NA	NA	24.81	12.20	12.61	0.00	NA
S-25	07/22/1991	3800	NA	110	8.8	74	270	NA	NA	24.81	NA	NA	NA	NA
S-25	10/15/1991	9900	NA	170	26	150	670	NA	NA	24.81	13.05	11.76	0.00	NA
S-25	01/21/1992	12000	NA	170	29	220	970	NA	NA	24.81	12.65	12.16	0.00	NA
S-25	04/10/1992	27000	NA	230	130	250	1100	NA	NA	24.81	11.53	13.28	0.00	NA
S-25	07/07/1992	180	NA	0.7	<0.5	8.1	9.3	NA	NA	24.81	12.35	12.46	0.00	NA
S-25	10/01/1992	30000	NA	190	<0.5	250	730	NA	NA	24.81	12.82	11.99	0.00	NA
S-25	02/10/1993	14000	NA	150	<0.5	250	730	NA	NA	24.81	10.86	13.95	0.00	NA
S-25	05/06/1993	12000	NA	180	<0.5	260	7330	NA	NA	24.81	NA	NA	NA	NA
S-25	08/25/1993	19000	NA	67	<0.5	190	410	NA	NA	24.81	12.25	12.56	0.00	NA
S-25	11/17/1993	50000	NA	180	350	820	1100	NA	NA	24.81	12.26	12.55	0.00	NA
S-25	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.81	11.81	13.00	0.00	NA
S-25	05/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.81	11.34	13.47	0.00	NA
S-25	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.81	11.34	13.47	0.00	NA
S-25	11/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.81	12.04	12.77	0.00	NA
S-25	02/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.81	12.26	12.55	0.00	NA
S-25	05/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.81	12.26	12.55	0.00	NA
S-25	08/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.81	10.60	14.21	0.00	NA
S-25	10/31/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.81	11.78	13.03	0.00	NA
S-25	02/27/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.81	11.78	13.03	0.00	NA
S-25	04/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.81	11.78	13.03	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-25	08/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.81	11.08	13.73	0.00	NA
S-25	11/13/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.81	11.76	13.05	0.00	NA
S-25	02/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.81	9.73	15.08	0.00	NA
S-25	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.81	11.20	13.61	0.00	NA
S-25	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.81	11.05	13.76	0.00	NA
S-25	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.81	9.93	14.88	0.00	NA
S-25	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.81	10.55	14.26	0.00	NA
S-25	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.81	10.90	13.91	0.00	NA
S-25	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.81	11.28	13.53	0.00	NA
S-25	02/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	24.81	9.65	15.16	0.00	NA
S-25	02/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	24.81	11.04	13.77	0.00	NA
S-25	02/16/2001	NA	NA	NA	NA	NA	NA	NA	NA	24.81	10.98	13.83	0.00	NA
S-25a	02/20/2001	NA	NA	4.2	1.1	9.7	3.1	NA	<1.0	24.81	10.97	13.84	0.00	NA
S-26	01/11/1988	11000	NA	300	410	78	1100	NA	NA	NA	NA	NA	NA	NA
S-26	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-26	07/24/1989	4700	NA	70	180	140	600	NA	NA	24.86	11.55	13.31	0.00	NA
S-26	10/23/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.65	13.21	0.00	NA
S-26	01/08/1990	980	NA	4.9	7.4	27	8.3	NA	NA	24.86	12.28	12.58	0.00	NA
S-26	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.86	12.53	12.33	0.00	NA
S-26	07/18/1990	500	NA	<0.5	0.7	6.7	21	NA	NA	24.86	12.32	12.54	0.00	NA
S-26	10/31/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.86	13.32	11.54	0.01	NA
S-26	01/23/1991	3400	NA	9.5	7.1	23	320	NA	NA	24.86	13.00	11.86	0.00	NA
S-26	04/18/1991	1500	NA	5.7	3.8	1133	7.3	NA	NA	24.86	11.94	12.92	0.00	NA
S-26	07/22/1991	900	NA	<0.5	<0.5	8.4	44	NA	NA	24.86	NA	NA	NA	NA
S-26	10/15/1991	1300	NA	<0.5	<0.5	2.1	12	NA	NA	24.86	12.87	11.99	0.00	NA
S-26	01/21/1992	1100	NA	1.7	2.8	25	120	NA	NA	24.86	12.49	12.37	0.00	NA

SPH  
Thickness  
(ft.)

DO  
Reading  
(ppm)



**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-26	04/10/1992	3900	NA	3.3	4.0	34	120	NA	NA	24.86	11.33	13.53	0.00	NA
S-26	07/07/1992	640	NA	<0.5	<0.5	8.1	9.3	NA	NA	24.86	12.14	12.72	0.00	NA
S-26	10/01/1992	280	NA	<0.5	<0.5	4.8	5.9	NA	NA	24.86	12.62	12.24	0.00	NA
S-26	02/10/1993	1600	NA	<0.5	<0.5	15	71	NA	NA	24.86	10.70	14.16	0.00	NA
S-26	05/06/1993	1600	NA	<0.5	<0.5	8.6	39	NA	NA	24.86	NA	NA	NA	NA
S-26	08/25/1993	860	NA	2.5	3.0	6.9	23	NA	NA	24.86	12.09	12.77	0.00	NA
S-26	11/17/1993	1100	NA	<0.5	9.2	16	36	NA	NA	24.86	12.15	12.71	0.00	NA
S-26	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.63	13.23	0.00	NA
S-26	05/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.24	13.62	0.00	NA
S-26	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.84	13.02	0.00	NA
S-26	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.86	12.16	12.70	0.00	NA
S-26	11/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.86	12.16	12.70	0.00	NA
S-26	02/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.20	13.66	0.00	NA
S-26	02/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.20	13.66	0.00	NA
S-26	05/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.86	10.70	14.16	0.00	NA
S-26	05/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.56	13.30	0.00	NA
S-26	08/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.56	13.30	0.00	NA
S-26	10/31/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.86	12.02	12.84	0.00	NA
S-26	02/27/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.86	9.90	14.96	0.00	NA
S-26	02/27/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.86	10.27	14.59	0.00	NA
S-26	04/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.86	10.27	14.59	0.00	NA
S-26	04/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.09	13.77	0.00	NA
S-26	08/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.64	13.22	0.00	NA
S-26	11/13/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.64	13.22	0.00	NA
S-26	11/13/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.86	9.63	15.23	0.00	NA
S-26	02/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.20	13.66	0.00	NA
S-26	02/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.20	13.66	0.00	NA
S-26	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.86	10.92	13.94	0.00	NA
S-26	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.86	10.92	13.94	0.00	NA
S-26	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.69	13.17	0.00	NA
S-26	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.69	13.17	0.00	NA
S-26	11/13/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.86	9.82	15.04	0.00	NA
S-26	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.86	9.82	15.04	0.00	NA
S-26	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.86	10.67	14.19	0.00	NA
S-26	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.86	10.67	14.19	0.00	NA
S-26	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.86	10.85	14.01	0.00	NA
S-26	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.86	10.85	14.01	0.00	NA
S-26	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.41	13.45	0.00	NA
S-26	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.86	11.41	13.45	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-26	02/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	24.86	10.06	14.80	0.00	NA
S-27	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-27	07/24/1989	1600	NA	180	57	44	220	NA	NA	24.18	10.73	13.45	0.00	NA
S-27	10/24/1989	1000	NA	11	45	37	160	NA	NA	24.18	10.89	13.29	0.00	NA
S-27	01/08/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.18	11.70	12.48	0.00	NA
S-27	04/26/1990	6800	NA	11	120	120	890	NA	NA	24.18	12.09	12.09	0.00	NA
S-27	07/18/1990	1800	NA	4.7	380	45	270	NA	NA	24.18	11.77	12.41	0.00	NA
S-27	10/31/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.18	12.71	11.47	0.01	NA
S-27	01/23/1991	1000	NA	5.7	9.8	42	160	NA	NA	24.18	12.60	11.58	0.00	NA
S-27	04/18/1991	1400	NA	3.1	9.1	37	160	NA	NA	24.18	11.56	12.62	0.00	NA
S-27	07/22/1991	1600	NA	4.1	4.3	41	160	NA	NA	24.18	NA	NA	NA	NA
S-27	10/14/1991	610	NA	1.8	0.9	19	500	NA	NA	24.18	12.45	11.73	0.00	NA
S-27	01/21/1992	510	NA	534	1.8	22	60	NA	NA	24.18	12.03	12.15	0.00	NA
S-27	04/10/1992	2500	NA	3.0	7.9	49	320	NA	NA	24.18	10.80	13.38	0.00	NA
S-27	07/07/1992	960	NA	<0.5	1.2	39	120	NA	NA	24.18	11.73	12.45	0.00	NA
S-27	10/01/1992	490	NA	<0.5	1.6	25	65	NA	NA	24.18	12.23	11.95	0.00	NA
S-27	02/10/1993	7000	NA	<0.5	<0.5	140	1100	NA	NA	24.18	10.02	14.16	0.00	NA
S-27	05/06/1993	800	NA	<0.5	<0.5	60	270	NA	NA	NA	NA	NA	NA	NA
S-27	08/24/1993	1700	NA	<0.5	<0.5	66	230	NA	NA	24.18	11.66	12.52	0.00	NA
S-27	11/17/1993	240	NA	3.1	<0.5	10	17	NA	NA	24.18	11.65	12.53	0.00	NA
S-27	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.18	11.02	13.16	0.00	NA
S-27	05/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.18	10.66	13.52	0.00	NA
S-27	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.18	11.28	12.90	0.00	NA
S-27	11/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.18	11.58	12.60	0.00	NA
S-27	02/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.18	9.76	14.42	0.00	NA
S-27	05/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.18	10.90	13.28	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
										24.18	10.94	13.24	0.00	NA
										24.18	11.40	12.78	0.00	NA
S-27	08/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.18	8.28	15.90	0.00	NA
S-27	10/31/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.18	9.44	14.74	0.00	NA
S-27	02/27/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.18	10.37	13.81	0.00	NA
S-27	04/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.18	11.00	13.18	0.00	NA
S-27	08/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.18	8.69	15.49	0.00	NA
S-27	11/13/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.18	10.33	13.85	0.00	NA
S-27	02/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.18	10.78	13.40	0.00	NA
S-27	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.18	11.10	13.08	0.00	NA
S-27	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.18	8.46	15.72	0.00	NA
S-27	11/13/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.18	9.47	14.71	0.00	NA
S-27	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.18	10.05	14.13	0.00	NA
S-27	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.18	11.72	12.46	0.00	NA
S-27	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.18	9.06	15.12	0.00	NA
S-27	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.18				
S-27	02/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	24.18				
S-28	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	24.14	10.30	13.84	0.00	NA
S-28	07/24/1989	1000	NA	9.0	<0.5	19	110	NA	NA	24.14	11.83	12.31	0.00	NA
S-28	10/24/1989	140	NA	0.8	<0.5	2.8	6.0	NA	NA	24.14	11.52	12.62	0.00	NA
S-28	01/08/1990	26000	NA	630	79	360	3100	NA	NA	24.14	12.02	12.12	0.00	NA
S-28	04/26/1990	220	NA	8.0	1.1	5.0	6.0	NA	NA	24.14	11.62	12.52	0.00	NA
S-28	07/18/1990	80	NA	0.7	<0.5	1.5	5.3	NA	NA	24.14	12.66	11.48	0.01	NA
S-28	10/31/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.14	12.56	11.58	0.00	NA
S-28	01/23/1991	<50	NA	<0.5	<0.5	1.5	5.0	NA	NA	24.14	11.52	12.62	0.00	NA
S-28	04/18/1991	240	NA	20	1.4	12	34	NA	NA	24.14	NA	NA	NA	NA
S-28	07/22/1991	160	NA	3.0	1.2	2.3	36	NA	NA	24.14	12.32	11.82	0.00	NA
S-28	10/14/1991	190	NA	<0.5	<0.5	<0.5	17	NA	NA	24.14				

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-28	01/21/1992	520	NA	7.0	24	15	200	NA	NA	24.14	11.97	12.17	0.00	NA
S-28	04/10/1992	310	NA	3.0	1.4	6.1	35	NA	NA	24.14	10.72	13.42	0.00	NA
S-28	07/07/1992	80	NA	<0.5	<0.5	1.3	<0.5	NA	NA	24.14	11.66	12.48	0.00	NA
S-28	10/04/1992	73	NA	1.4	<0.5	1.7	0.8	NA	NA	24.14	12.12	12.02	0.00	NA
S-28	02/10/1993	3550	NA	1.1	<0.5	8.6	38	NA	NA	24.14	9.96	14.18	0.00	NA
S-28	05/06/1993	920	NA	<0.5	<0.5	12	28	NA	NA	24.14	NA	NA	NA	NA
S-28	08/24/1993	260	NA	10	3.7	8.8	17	NA	NA	24.14	11.67	12.47	0.00	NA
S-28	11/17/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.14	11.50	12.64	0.00	NA
S-28	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.14	11.03	13.11	0.00	NA
S-28	05/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.14	10.38	13.76	0.00	NA
S-28	08/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.14	11.08	13.06	0.00	NA
S-28	11/03/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.14	10.94	13.20	0.00	NA
S-28	02/24/1995	<50	NA	<0.5	<0.5	1.3	2.6	NA	NA	24.14	9.67	14.47	0.00	NA
S-28	05/11/1995	<50	NA	<0.5	<0.5	<0.5	1.0	NA	NA	24.14	9.77	14.37	0.00	NA
S-28	08/18/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.14	10.72	13.42	0.00	NA
S-28	10/31/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.14	11.18	12.96	0.00	NA
S-29	01/11/1988	2200	NA	13	8.3	42	<0.5	NA	NA	NA	NA	NA	NA	NA
S-29	10/24/1988	800	NA	80	7.0	9.0	44	NA	NA	NA	NA	NA	NA	NA
S-29	02/09/1989	180	NA	7.1	<0.5	4.0	4.0	NA	NA	NA	NA	NA	NA	NA
S-29	04/19/1989	170	NA	9.9	<0.5	2.0	<0.50	NA	NA	24.16	11.22	12.94	0.00	NA
S-29	07/24/1989	140	NA	7.8	<0.5	3.0	3.0	NA	NA	24.16	11.65	12.51	0.00	NA
S-29	10/24/1989	68	NA	2.9	<0.5	2.3	3.0	NA	NA	24.16	11.28	12.88	0.00	NA
S-29	01/08/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.16	11.52	12.64	0.00	NA
S-29	04/26/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.16	15.20	8.96	0.20	NA
S-29	07/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.16	NA	NA	NA	NA
S-29	10/31/1990	NA	NA	NA	NA	NA	NA	NA	NA	24.16	13.35	10.81	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-29	01/23/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.16	11.34	12.82	0.00	NA
S-29	04/18/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.16	14.81	9.35	0.00	NA
S-29	10/14/1991	NA	NA	NA	NA	NA	NA	NA	NA	24.16	13.58	10.58	0.00	NA
S-29	01/21/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.16	NA	NA	NA	NA
S-29	04/10/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.16	NA	NA	NA	NA
S-29	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.16	NA	NA	NA	NA
S-29	10/01/1992	NA	NA	NA	NA	NA	NA	NA	NA	24.16	NA	NA	NA	NA
S-29	02/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.16	14.72	9.44	0.00	NA
S-29	08/24/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.16	12.40	11.76	0.00	NA
S-29	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.16	12.06	12.10	0.00	NA
S-29	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.16	10.40	13.76	0.00	NA
S-29	05/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.16	NA	NA	NA	NA
S-29	08/09/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	24.16	11.38	12.78	0.00	NA
S-29	11/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	24.16	9.60	14.56	0.00	NA
S-29	02/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.16	9.73	14.43	0.00	NA
S-29	05/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.16	10.79	13.37	0.00	NA
S-29	08/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.16	11.28	12.88	0.00	NA
S-29	10/31/1995	NA	NA	NA	NA	NA	NA	NA	NA	24.16	8.72	15.44	0.00	NA
S-29	02/27/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.16	9.23	14.93	0.00	NA
S-29	04/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.16	10.21	13.95	0.00	NA
S-29	08/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.16	10.82	13.34	0.00	NA
S-29	11/13/1996	NA	NA	NA	NA	NA	NA	NA	NA	24.16	8.50	15.66	0.00	NA
S-29	02/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.16	10.30	13.86	0.00	NA
S-29	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.16	10.12	14.04	0.00	NA
S-29	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.16	10.85	13.31	0.00	NA
S-29	11/13/1997	NA	NA	NA	NA	NA	NA	NA	NA	24.16	8.24	15.92	0.00	NA
S-29	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.16				

**WELL CONCENTRATIONS**  
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-29	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.16	9.31	14.85	0.00	NA
S-29	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.16	9.90	14.26	0.00	NA
S-29	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	24.16	10.08	14.08	0.00	NA
S-29	02/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	24.16	8.86	15.30	0.00	0.8

S-30	10/24/1988	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-30	02/09/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-30	04/19/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	14.10	12.19	0.00	NA
S-30	07/21/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	14.46	11.83	0.00	NA
S-30	10/23/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	14.57	11.72	0.00	NA
S-30	01/08/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	14.54	11.75	0.00	NA
S-30	04/26/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	14.67	11.62	0.00	NA
S-30	07/18/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	14.73	11.56	0.00	NA
S-30	10/31/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	15.27	11.02	0.00	NA
S-30	01/23/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	15.14	11.15	0.00	NA
S-30	04/18/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	14.10	12.19	0.00	NA
S-30	07/22/1991	130	NA	3.4	8.1	3.7	19	NA	NA	26.29	NA	NA	NA	NA
S-30	10/14/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	15.07	11.22	0.00	NA
S-30	01/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	14.56	11.73	0.00	NA
S-30	04/10/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	13.42	12.87	0.00	NA
S-30	07/07/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	14.34	11.95	0.00	NA
S-30	10/01/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	14.82	11.47	0.00	NA
S-30	02/11/1993	<50	NA	<0.5	<0.5	<0.5	0.6	NA	NA	26.29	12.82	13.47	0.00	NA
S-30	05/06/1993	<50	NA	<0.5	<0.5	<0.5	1.7	NA	NA	26.29	NA	NA	NA	NA
S-30	08/24/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	14.34	11.95	0.00	NA
S-30	11/17/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	14.45	11.84	0.00	NA
S-30	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	26.29	13.82	12.47	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-30	05/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	13.51	12.78	0.00	NA
S-30	08/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	14.28	12.01	0.00	NA
S-30	11/03/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	14.52	11.77	0.00	NA
S-30	02/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	12.96	13.33	0.00	NA
S-30	05/11/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	13.16	13.13	0.00	NA
S-30	08/18/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	13.96	12.33	0.00	NA
S-30	10/31/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	26.29	14.40	11.89	0.00	NA
S-30	02/27/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2	NA	26.29	10.60	15.69	0.00	NA
S-30	04/19/1996	78	NA	3.0	11	2.2	10	NA	NA	26.29	12.68	13.61	0.00	NA
S-30	08/01/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	26.29	13.32	12.97	0.00	NA
S-30	11/13/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	26.29	14.04	12.25	0.00	3.05
S-30	02/05/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	26.29	11.97	14.32	0.00	NA
S-30	05/27/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	26.29	13.55	12.74	0.00	NA
S-30	07/22/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	26.29	13.25	13.04	0.00	NA
S-30	11/13/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	26.29	14.07	12.22	0.00	NA
S-30	01/22/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	26.29	11.72	14.57	0.00	NA
S-30	05/21/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	26.29	11.54	14.75	0.00	NA
S-30	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	26.29	13.25	13.04	0.00	NA
S-30	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	26.29	14.13	12.16	0.00	NA
S-30	02/24/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	26.29	12.21	14.08	0.00	NA

S-31	10/24/1988	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-31	02/09/1989	<50	NA	0.5	<0.5	<0.5	3.0	NA	NA	NA	NA	NA	NA	NA
S-31	04/19/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	12.28	13.13	0.00	NA
S-31	07/21/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	13.17	12.24	0.00	NA
S-31	10/23/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	13.26	12.15	0.00	NA
S-31	01/08/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	13.28	12.13	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-31	04/26/1990	<50	NA	0.8	4.7	1.2	6.0	NA	NA	25.41	13.44	11.97	0.00	NA
S-31	07/18/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	13.41	12.00	0.00	NA
S-31	10/31/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	14.07	11.34	0.00	NA
S-31	01/23/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	13.93	11.48	0.00	NA
S-31	04/18/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	12.87	12.54	0.00	NA
S-31	07/22/1991	100	NA	2.9	7.1	3.5	18	NA	NA	25.41	NA	NA	NA	NA
S-31	10/14/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	13.84	11.57	0.00	NA
S-31	01/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	13.40	12.01	0.00	NA
S-31	04/10/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	12.29	13.12	0.00	NA
S-31	07/07/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	13.10	12.31	0.00	NA
S-31	10/01/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	13.55	11.86	0.00	NA
S-31	10/01/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	11.66	13.75	0.00	NA
S-31	02/11/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	NA	NA	NA	NA
S-31	05/06/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	NA	NA	NA	NA
S-31	05/06/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	13.08	12.33	0.00	NA
S-31	08/24/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	13.08	12.33	0.00	NA
S-31	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	25.41	13.20	12.21	0.00	NA
S-31	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	25.41	12.57	12.84	0.00	NA
S-31	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	25.41	12.28	13.13	0.00	NA
S-31	05/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	12.28	13.13	0.00	NA
S-31	05/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	12.94	12.47	0.00	NA
S-31	08/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	12.94	12.47	0.00	NA
S-31	11/03/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	13.22	12.19	0.00	NA
S-31	11/03/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	11.74	13.67	0.00	NA
S-31	02/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	11.88	13.53	0.00	NA
S-31	05/11/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	11.88	13.53	0.00	NA
S-31	08/18/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	12.67	12.74	0.00	1.8
S-31	08/18/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.41	12.67	12.74	0.00	1.8
S-31	10/31/1995	<50	NA	0.8	3.1	1.1	5.9	NA	NA	25.41	13.07	12.34	0.00	NA
S-31	02/27/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2	NA	25.41	10.72	14.69	0.00	NA
S-31	04/19/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	NA	25.41	11.39	14.02	0.00	NA
S-31	08/01/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.41	11.98	13.43	0.00	NA
S-31	11/13/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.41	12.65	12.76	0.00	2.85



**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-31	02/05/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.41	10.63	14.78	0.00	NA
S-31	05/27/1997	<50	NA	1.2	1.1	0.77	3.9	<2.5	NA	25.41	12.10	13.31	0.00	NA
S-31	07/22/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.41	12.18	13.23	0.00	NA
S-31	11/13/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.41	12.80	12.61	0.00	NA
S-31	01/22/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.41	10.61	14.80	0.00	NA
S-31	05/21/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.41	11.55	13.86	0.00	NA
S-31	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	25.41	12.01	13.40	0.00	NA
S-31	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	25.41	11.73	13.68	0.00	NA
S-31	02/24/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.41	11.05	14.36	0.00	NA
S-32	10/24/1988	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-32	02/09/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-32	04/19/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	12.81	12.93	0.00	NA
S-32	07/21/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	13.14	12.60	0.00	NA
S-32	10/23/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	13.25	12.49	0.00	NA
S-32	01/08/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	13.32	12.42	0.00	NA
S-32	04/26/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	13.40	12.34	0.00	NA
S-32	07/18/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	13.41	12.33	0.00	NA
S-32	10/31/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	14.03	11.71	0.00	NA
S-32	01/23/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	13.91	11.83	0.00	NA
S-32	04/18/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	12.80	12.94	0.00	NA
S-32	07/22/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	NA	NA	NA	NA
S-32	10/14/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	13.97	11.77	0.00	NA
S-32	01/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	13.35	12.39	0.00	NA
S-32	04/10/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	12.23	13.51	0.00	NA
S-32	07/07/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	13.02	12.72	0.00	NA
S-32	10/01/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	13.48	12.26	0.00	NA

2.85  
NA  
NA  
NA  
NA  
1.8

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-32	02/11/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	11.68	14.06	0.00	NA
S-32	05/06/1993	<50	NA	<0.5	<0.5	<0.5	1.8	NA	NA	25.74	NA	NA	NA	NA
S-32	08/24/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.74	13.01	12.73	0.00	NA
S-32	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	25.74	13.18	12.56	0.00	NA
S-32	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	25.74	12.58	13.16	0.00	NA
S-32	05/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	25.74	12.31	13.43	0.00	NA
S-32	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	25.74	12.96	12.78	0.00	NA
S-32	11/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	25.74	13.22	12.52	0.00	NA
S-32	02/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	25.74	11.68	14.06	0.00	NA
S-32	05/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	25.74	12.80	12.94	0.00	NA
S-32	08/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	25.74	12.67	13.07	0.00	NA
S-32	08/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	25.74	13.05	12.69	0.00	NA
S-32	10/31/1995	NA	NA	NA	NA	NA	NA	NA	NA	25.74	10.80	14.94	0.00	NA
S-32	02/27/1996	NA	NA	NA	NA	NA	NA	NA	NA	25.74	10.80	14.94	0.00	NA
S-32	04/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	25.74	11.41	14.33	0.00	NA
S-32	08/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	25.74	12.13	13.61	0.00	NA
S-32	11/13/1996	NA	NA	NA	NA	NA	NA	NA	NA	25.74	12.62	13.12	0.00	NA
S-32	02/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	25.74	10.59	15.15	0.00	NA
S-32	05/27/1997	NA	NA	NA	NA	NA	NA	NA	NA	25.74	12.22	13.52	0.00	NA
S-32	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	25.74	12.33	13.41	0.00	NA
S-32	11/13/1997	NA	NA	NA	NA	NA	NA	NA	NA	25.74	12.78	12.96	0.00	NA
S-32	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	25.74	10.76	14.98	0.00	NA
S-32	05/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	25.74	11.61	14.13	0.00	NA
S-32	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	25.74	11.95	13.79	0.00	NA
S-32	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	25.74	11.21	14.53	0.00	NA
S-32	02/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	25.74	11.07	14.67	0.00	NA
S-33	10/24/1988	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-33	02/09/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-33	04/19/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	10.45	13.52	0.00	NA
S-33	07/21/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	10.93	13.04	0.00	NA
S-33	10/23/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	11.02	12.95	0.00	NA
S-33	01/08/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	11.11	12.86	0.00	NA
S-33	04/26/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	11.31	12.66	0.00	NA
S-33	07/18/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	11.23	12.74	0.00	NA
S-33	10/31/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	11.97	12.00	0.00	NA
S-33	01/23/1991	<50	NA	<0.5	0.9	<0.5	1.3	NA	NA	23.97	11.91	12.06	0.00	NA
S-33	04/18/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	10.62	13.35	0.00	NA
S-33	07/22/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	NA	NA	NA	NA
S-33	10/14/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	11.69	12.28	0.00	NA
S-33	01/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	11.27	12.70	0.00	NA
S-33	04/10/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	9.86	14.11	0.00	NA
S-33	07/07/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	10.87	13.10	0.00	NA
S-33	10/01/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	11.43	12.54	0.00	NA
S-33	02/11/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	9.12	14.85	0.00	NA
S-33	05/06/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	10.81	13.16	0.00	NA
S-33	08/24/1993	<50	NA	2.3	1.2	0.7	2.6	NA	NA	23.97	10.91	13.06	0.00	NA
S-33	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	23.97	10.35	13.62	0.00	NA
S-33	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	23.97	9.91	14.06	0.00	NA
S-33	05/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	10.62	13.35	0.00	NA
S-33	08/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	10.94	13.03	0.00	NA
S-33	11/03/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	9.16	14.81	0.00	NA
S-33	02/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	9.25	14.72	0.00	NA
S-33	05/11/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	10.20	13.77	0.00	NA
S-33	08/18/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	10.20	13.77	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-33	10/31/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.97	10.74	13.23	0.00	NA
S-33	02/27/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2	NA	23.97	7.73	16.24	0.00	NA
S-33	04/19/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	NA	23.97	8.72	15.25	0.00	NA
S-33	08/01/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	54	52	23.97	9.61	14.36	0.00	NA
S-33	11/13/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.97	9.95	14.02	0.00	3.09
S-33	02/05/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.97	7.98	15.99	0.00	NA
S-33	05/27/1997	78	NA	2.8	2.9	2.1	10	<2.5	NA	23.97	9.71	14.26	0.00	NA
S-33	07/22/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.97	9.85	14.12	0.00	NA
S-33	11/13/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.97	10.41	13.56	0.00	NA
S-33	01/22/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.97	7.94	16.03	0.00	NA
S-33	05/21/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.97	8.84	15.13	0.00	NA
S-33	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	23.97	9.51	14.46	0.00	NA
S-33	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	23.97	10.02	13.95	0.00	NA
S-33	02/24/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.97	8.35	15.62	0.00	NA
S-34	10/24/1988	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-34	02/09/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-34	04/19/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	10.81	13.26	0.00	NA
S-34	07/21/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	11.38	12.69	0.00	NA
S-34	10/23/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	11.39	12.68	0.00	NA
S-34	01/08/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	11.44	12.63	0.00	NA
S-34	04/26/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	11.69	12.38	0.00	NA
S-34	07/18/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	11.67	12.40	0.00	NA
S-34	10/31/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	12.35	11.72	0.00	NA
S-34	01/23/1991	<50	NA	<0.5	0.9	<0.5	<0.5	NA	NA	24.07	12.35	11.72	0.00	NA
S-34	04/18/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	10.97	13.10	0.00	NA
S-34	07/22/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	NA	NA	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-34	10/14/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	12.08	11.99	0.00	NA
S-34	01/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	11.58	12.49	0.00	NA
S-34	04/10/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	10.20	13.87	0.00	NA
S-34	07/07/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	11.26	12.81	0.00	NA
S-34	10/01/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	11.83	12.24	0.00	NA
S-34	02/11/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	9.40	14.67	0.00	NA
S-34	05/06/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	24.07	NA	NA	NA	NA
S-34	08/24/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.07	NA	NA	NA	NA
S-34	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	24.07	NA	NA	NA	NA
S-34	02/09/1994	Well Abandoned		NA	NA	NA	NA	NA	NA	24.07	NA	NA	NA	NA
S-35	10/24/1988	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-35	02/09/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
S-35	04/19/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.63	10.61	13.02	0.00	NA
S-35	07/21/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.63	11.18	12.45	0.00	NA
S-35	10/23/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.63	11.18	12.45	0.00	NA
S-35	01/08/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.63	11.27	12.36	0.00	NA
S-35	04/26/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.63	11.42	12.21	0.00	NA
S-35	07/18/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.63	11.47	12.16	0.00	NA
S-35	10/31/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.63	12.10	11.53	0.00	NA
S-35	01/23/1991	<50	NA	<0.5	1.7	0.6	2.9	NA	NA	23.63	12.05	11.58	0.00	NA
S-35	04/18/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.63	10.65	12.98	0.00	NA
S-35	07/22/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.63	NA	NA	NA	NA
S-35	10/14/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.63	11.87	11.76	0.00	NA
S-35	01/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.63	11.32	12.31	0.00	NA
S-35	04/10/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.63	9.90	13.73	0.00	NA
S-35	07/07/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.63	11.02	12.61	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-35	10/01/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.63	11.60	12.03	0.00	NA
S-35	02/11/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.63	9.10	14.53	0.00	NA
S-35	05/06/1993	<50	NA	<0.5	<0.5	1.6	7.1	NA	NA	23.63	NA	NA	NA	NA
S-35	08/24/1993	NA	NA	NA	NA	NA	NA	NA	NA	23.63	10.97	12.66	0.00	NA
S-35	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	23.63	NA	NA	NA	NA
S-35	02/09/1994	Well Abandoned		NA	NA	NA	NA	NA	NA	23.63	NA	NA	NA	NA

S-36	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	23.52	10.92	12.60	0.00	NA
S-36	05/31/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	NA	NA	NA	NA
S-36	07/21/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	11.13	12.39	0.00	NA
S-36	10/23/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	11.15	12.37	0.00	NA
S-36	01/08/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	11.19	12.33	0.00	NA
S-36	04/26/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	11.40	12.12	0.00	NA
S-36	07/18/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	11.42	12.10	0.00	NA
S-36	10/31/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	12.09	11.43	0.00	NA
S-36	01/23/1991	<50	NA	<0.5	0.9	<0.5	2.0	NA	NA	23.52	12.05	11.47	0.00	NA
S-36	04/18/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	10.68	12.84	0.00	NA
S-36	07/22/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	NA	NA	NA	NA
S-36	10/14/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	11.23	12.29	0.00	NA
S-36	01/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	11.30	12.22	0.00	NA
S-36	04/10/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	9.94	13.58	0.00	NA
S-36	07/07/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	11.02	12.50	0.00	NA
S-36	10/01/1992	93	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	11.58	11.94	0.00	NA
S-36	02/11/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	9.17	14.35	0.00	NA
S-36	05/06/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	NA	NA	NA	NA
S-36	08/24/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	10.97	12.55	0.00	NA
S-36	11/17/1993	NA	NA	NA	NA	NA	NA	NA	NA	23.52	11.07	12.45	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-36	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	23.52	10.38	13.14	0.00	NA
S-36	05/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	10.00	13.52	0.00	NA
S-36	08/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	10.82	12.70	0.00	NA
S-36	11/03/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	11.12	12.40	0.00	NA
S-36	02/24/1995	<50	NA	<0.5	0.7	<0.5	<0.5	NA	NA	23.52	9.22	14.30	0.00	NA
S-36	05/11/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	9.38	14.14	0.00	NA
S-36	08/18/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	10.40	13.12	0.00	NA
S-36	10/31/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	23.52	10.85	12.67	0.00	NA
S-37	05/31/1989	510	NA	76	180	24	180	NA	NA	NA	NA	NA	NA	NA
S-37	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	25.99	13.73	12.26	0.00	NA
S-37	07/21/1989	210	NA	28	11	12	37	NA	NA	25.99	13.84	12.15	0.00	NA
S-37	10/23/1989	27	NA	33	3.2	16	27	NA	NA	25.99	13.96	12.03	0.00	NA
S-37	01/08/1990	21	NA	41	3.8	9.2	12	NA	NA	25.99	13.94	12.05	0.00	NA
S-37	04/26/1990	<50	NA	8.4	1.2	2.8	3.0	NA	NA	25.99	14.18	11.81	0.00	NA
S-37	07/18/1990	80	NA	19	2.0	4.0	3.3	NA	NA	25.99	14.12	11.87	0.00	NA
S-37	10/31/1990	<50	NA	2.8	1.0	<0.5	0.6	NA	NA	25.99	14.12	11.87	0.00	NA
S-37	01/23/1991	<50	NA	3.4	3.5	1.4	6.0	NA	NA	25.99	14.80	11.19	0.00	NA
S-37	04/18/1991	140	NA	33	1.2	3.4	4.2	NA	NA	25.99	14.66	11.33	0.00	NA
S-37	07/22/1991	<50	NA	1.2	<0.5	<0.5	<0.5	NA	NA	25.99	14.66	11.33	0.00	NA
S-37	10/14/1991	50	NA	9.1	1.3	<0.5	1.1	NA	NA	25.99	13.62	12.37	0.00	NA
S-37	01/21/1992	<50	NA	1.1	1.4	0.6	3.0	NA	NA	25.99	13.62	12.37	0.00	NA
S-37	04/10/1992	81	NA	8.7	0.8	2.3	3.2	NA	NA	25.99	NA	NA	NA	NA
S-37	07/07/1992	<50	NA	6.9	0.8	2.7	2.5	NA	NA	25.99	14.60	11.39	0.00	NA
S-37	10/01/1992	58	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.99	14.12	11.87	0.00	NA
S-37	02/11/1993	200	NA	23	2	16	17	NA	NA	25.99	14.12	11.87	0.00	NA
S-37	05/06/1993	90	NA	8.2	2.9	9.0	1.2	NA	NA	25.99	13.00	12.99	0.00	NA
S-37											13.87	12.12	0.00	NA
S-37											14.35	11.64	0.00	NA
S-37											12.29	13.70	0.00	NA
S-37											NA	NA	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-37	08/24/1993	<50	NA	1.4	1.3	0.9	3.4	NA	NA	25.99	13.84	12.15	0.00	NA
S-37	11/17/1993	<50	NA	<0.5	<0.5	<0.5	0.9	NA	NA	25.99	13.84	12.15	0.00	NA
S-37	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	25.99	13.25	12.74	0.00	NA
S-37	05/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.99	12.91	13.08	0.00	NA
S-37	08/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.99	13.62	12.37	0.00	NA
S-37	11/03/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.99	13.86	12.13	0.00	NA
S-37	02/24/1995	<50	NA	1.1	<0.5	1.0	3.6	NA	NA	25.99	12.24	13.75	0.00	NA
S-37	05/11/1995	<50	NA	1.2	0.8	1.6	4.8	NA	NA	25.99	12.55	13.44	0.00	NA
S-37	08/18/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.99	13.35	12.64	0.00	2.2
S-37	10/31/1995	<50	NA	<0.5	<0.5	<0.5	0.9	NA	NA	25.99	13.86	12.13	0.00	NA
S-37	02/27/1996	630	NA	10	4.6	28	120	<2	NA	25.99	8.56	17.43	0.00	NA
S-37	04/19/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	NA	25.99	12.40	13.59	0.00	NA
S-37	08/01/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.99	12.70	13.29	0.00	5.2
S-37	11/13/1996	77	NA	0.9	<0.50	<0.50	1.1	<2.5	NA	25.99	13.52	12.47	0.00	5.8
S-37	02/05/1997	650	NA	7.4	2.8	25	97	<2.5	NA	25.99	11.34	14.65	0.00	5.4
S-37	05/27/1997	180	NA	1.9	<0.50	3.0	9.3	<2.5	NA	25.99	12.80	13.19	0.00	1.5
S-37	07/22/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.99	13.32	12.67	0.00	2.2
S-37	11/13/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.99	13.50	12.49	0.00	2.4
S-37	01/22/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.99	11.05	14.94	0.00	1.2
S-37	05/21/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.99	12.12	13.87	0.00	2.38
S-37	07/23/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.99	12.65	13.34	0.00	1.9
S-37	11/05/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.99	14.36	11.63	0.00	NA
S-37	12/16/1998	NA	NA	NA	NA	NA	NA	NA	NA	25.99	NA	NA	0.00	1.5
S-37	02/24/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.99	11.59	14.40	0.00	1.3
S-38	04/19/1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-38	07/21/1989	50	NA	0.6	<0.5	<0.5	<0.5	NA	NA	25.29	13.39	11.90	0.00	NA



**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-38	08/01/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	25.29	NA	NA	NA	NA
S-38	11/13/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	NA	25.29	12.00	13.29	0.00	3.9
S-38	02/05/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.29	10.75	14.54	0.00	NA
S-38	05/27/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.29	12.56	12.73	0.00	NA
S-38	07/22/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.29	12.55	12.74	0.00	NA
S-38	11/13/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.29	12.95	12.34	0.00	NA
S-38	01/22/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.29	10.52	14.77	0.00	NA
S-38	05/21/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.29	11.67	13.62	0.00	NA
S-38	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	25.29	12.21	13.08	0.00	NA
S-38	11/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	25.29	14.84	10.45	0.00	NA
S-38	02/24/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.29	11.78	13.51	0.00	NA

Abbreviations:

TPPH= Total petroleum hydrocarbons as gasoline by modified EPA Method 8015

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

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8020

MTBE = methyl-tertiary-butyl ether

TOB = Top of Wellbox Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ug/L = parts per billion

ppm = parts per million

msl = Mean sea level

ft = Feet

<n = Below detection limit

D = Duplicate sample

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-38	10/23/1989	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	13.48	11.81	0.00	NA
S-38	01/08/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	13.45	11.84	0.00	NA
S-38	04/26/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	13.60	11.69	0.00	NA
S-38	07/18/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	13.61	11.68	0.00	NA
S-38	10/31/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	14.22	11.07	0.00	NA
S-38	01/23/1991	<50	NA	0.7	0.9	<0.5	3.5	NA	NA	25.29	14.09	11.20	0.00	NA
S-38	04/18/1991	<50	NA	0.5	0.5	<0.5	1.6	NA	NA	25.29	NA	NA	NA	NA
S-38	07/22/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	14.00	11.29	0.00	NA
S-38	10/14/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	13.50	11.79	0.00	NA
S-38	01/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	12.33	12.96	0.00	NA
S-38	04/10/1992	<50	NA	<0.5	<0.5	0.4	0.4	NA	NA	25.29	13.26	12.03	0.00	NA
S-38	07/07/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	13.77	11.52	0.00	NA
S-38	10/01/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	11.63	13.66	0.00	NA
S-38	02/11/1993	<50	NA	<0.5	<0.5	<0.5	2.1	NA	NA	25.29	NA	NA	NA	NA
S-38	05/06/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	13.25	12.04	0.00	NA
S-38	08/24/1993	<50	NA	<0.5	<0.5	<0.5	0.7	NA	NA	25.29	13.32	11.97	0.00	NA
S-38	11/17/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	12.70	12.59	0.00	NA
S-38	02/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	25.29	12.38	12.91	0.00	NA
S-38	05/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	13.10	12.19	0.00	NA
S-38	08/09/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	13.38	11.91	0.00	NA
S-38	11/03/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	11.76	13.53	0.00	NA
S-38	02/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	11.90	13.39	0.00	NA
S-38	05/11/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	12.83	12.46	0.00	**
S-38	08/18/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	13.55	11.74	0.00	NA
S-38	10/31/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	25.29	10.51	14.78	0.00	NA
S-38	02/27/1996	<50	NA	<0.5	1.1	<0.5	1.1	<2	NA	25.29	11.52	13.77	0.00	NA
S-38	04/19/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	NA	25.29	11.52	13.77	0.00	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**27501 Loyola**  
**Hayward, CA**  
**Wic #204-3336-0300**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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Notes:

a = BTEX analyzed by EPA Method 8260B.

\* = The hydrocarbon reported as TPH as gasoline does not appear to be indicative of gasoline.

\*\* = Roots in Well, could not get bailer past roots

Depth to water measured from top of well box

April 19, 1996 data for Wells S-9, S-21, and S-22 are reported here, but are part of an additional investigation.

MA  
MA  
MA