Chevron

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September 14, 2007
(date)

Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Chevron Facility # 9-0504

Address: 15900 Hesperian Boulevard, San Lorenzo, California

I have reviewed the attached report titled Site Conceptual Model and Closure Request and dated September 14, 2007.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Conestoga Rovers & Associates, upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,

Thomas K. Bauhs
Project Manager

Enclosure: Report

CONESTOGA-ROVERS
& ASSOCIATES

2000 Opportunity Dr, Suite 110, Roseville, California 95678
Telephone: 916-677-3407, ext. 100 Facsimile: 916-677-3687
www.CRAworld.com

September 14, 2007

Ms. Donna Drogos
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Re: **Site Conceptual Model and Closure Request**
Chevron Service Station # 9-0504
15900 Hesperian Boulevard
San Lorenzo, California
RO #7

Dear Ms. Drogos:

Conestoga-Rovers and Associates, Inc. (CRA) presents this *Site Conceptual Model and Closure Request* on behalf of the Chevron Environmental Management Company (Chevron). Our objective is to summarize site conditions to satisfy the criteria for closure as a low-risk groundwater site based on the Regional Water Quality Control Board, San Francisco Bay region (RWQCB-SFB) definition as described in their memorandum *"Interim Guidance on Required Cleanup at Low-Risk Fuel Sites,"* dated January 5, 1996. A summary of the site background, site conditions, and the applicability of low-risk fuel site criteria are presented below.

SITE BACKGROUND

The site is an operating Chevron service station on the north side of Hesperian Boulevard in San Lorenzo, California (Figure 1). A station building, three dispenser islands, and four underground storage tanks (USTs) currently occupy the property. The four USTs share a common pit near the southern site boundary (Figure 2).

The property is located in a mixed commercial-residential district of San Lorenzo. Commercial lots adjoin the property to the north, east, and south. Residential properties are situated to the west and southwest. A station building, three dispenser islands, and four underground storage tanks (USTs) currently occupy the property. The four USTs share a common pit near the southern site boundary (Figure 2).

PREVIOUS INVESTIGATIONS

Site Excavation

1983 Tank Failure and Replacement: According to Chevron records, a 10,000-gallon UST failed a tank tightness test conducted in December 1983. Chevron replaced two 10,000-gallon and one 5,000-gallon steel USTs (and associated product lines) following the December 1983 inspection. A hole was observed in the bottom of the 10,000-gallon UST during removal. Approximately 120 cubic yards of impacted soil was excavated and transported from the site.

March 1994 Waste Oil Tank Removal: On March 29, 1994, Filner Construction, Inc. (Filner) removed one 1,000-gallon waste oil UST. Touchstone Developments (Touchstone) observed the UST removal and collected soil samples beneath the former waste oil UST at a depth of 9 feet below grade (fbg). Total oil and grease (TOG) was detected at a concentration of 110 milligrams per kilogram (mg/kg), and dichloromethane was detected at a concentration of 0.006 mg/kg. The eastern half of the waste-oil tank location was excavated to a depth of 11 feet due to the detection of TOG and dichloromethane. No hydrocarbons or halogenated volatile organic compounds (HVOCs) were detected after soil removal. Approximately 45 cubic yards of stockpiled soil was transported to Forward Landfill in Manteca, California. Table 1 presents the soil analytical data.

June 2001 Waste Oil Tank Removal: On June 8, 2001, Gettler-Ryan (GR) observed Wendt and Son's Construction, Inc. (Wendt) remove one 1,000-gallon double-walled fiberglass waste oil UST. No holes or cracks were observed, and GR reported the USTs to be in good condition. Ecology Control Industries (ECI) transported the UST to their yard in Richmond, California for disposal. GR collected one confirmation soil sample beneath the former UST at a depth of approximately 11 fbg. TOG was detected at 63 mg/kg in the sample.

Soil Boring and Monitoring Well Installation

1983 Well Installation: GR installed groundwater monitoring wells C-1 through C-5 following the UST removal. The wells were installed to depths of approximately 20 fbg. Three wells were installed near the UST basin and dispenser islands. One well was installed adjacent to the waste oil UST, and one was located southeast of the station building. Groundwater was observed at depths ranging from 14 to 15 fbg. No soil samples were collected from the borings. Table 2 summarizes the well construction details, and boring logs are presented in Attachment A.

November 1989 Well Installation: In November 1989, GeoStrategies, Inc. (GSI) installed groundwater monitoring wells C-6 through C-8. The wells were constructed to a depth of approximately 25 feet. Two wells were installed in Hesperian Boulevard (south of the UST basin) to assess the lateral extent of hydrocarbons in soil and groundwater. Well C-6 was installed northwest of the dispenser islands. Soil analytical results are included in Table 1.

December 1989 NAPL Detection: GR observed non-aqueous-phase liquid (NAPL) in wells C-1 and C-2 during quarterly sampling on December 8, 1989. GR reported a NAPL thickness of 0.01 in well C-1, and a NAPL thickness of 0.15 feet in well C-2. GR also observed hydrocarbon sheen in well C-3. Historical groundwater data is provided in Attachment B.

August 1990 Well Installation: In August 1990, GSI installed wells C-9 through C-11 across Hesperian Boulevard to further define the extent of hydrocarbons. No hydrocarbons were detected in soil or groundwater.

July 1992 Borings: In July 1992, Weiss Associates (WA) completed four soil borings (BH-A through BH-D) in the vicinity of the UST basin to an approximate depth of 11.5 feet. WA installed the borings to assess the distribution of hydrocarbons in the source area near the tanks. TPHg was detected at a concentration of 660 mg/kg, and benzene was detected at a concentration of 0.82 mg/kg. These detections occurred in samples from boring BH-C at a depth of 10 feet.

August 1992 Groundwater Extraction System Installation: In August 1992, WA installed a groundwater remediation system. The system extracted groundwater from wells C-1 and C-2 using submersible pumps, and two 1,000-pound aqueous-phase carbon vessels were used to treat groundwater. The treated groundwater was discharged to the sanitary sewer under a permit from the Oro Loma Sanitary District. The system removed and treated 1,290,430 gallons of groundwater from August 1992 to July 1994. The system was shutdown when benzene concentrations in groundwater approached the maximum contaminant level for drinking water (MCL) of 1.0 µg/L. Chevron notified the Alameda County Health Care Services Agency (ACHCSA) in a letter dated April 6, 1999, that the system had achieved its objective of containment, and Chevron proposed removal the system.

January 1994 Soil Sampling: In January 1994, WA completed soil sampling in the vicinity of the former product lines. WA completed this assessment because Chevron suspected an unauthorized release of fuel had occurred. WA collected six soil samples for TPHg and BTEX analyses. TPHg and benzene were detected at maximum concentrations of 5 mg/kg and 0.018 mg/kg, respectively, in two of the four samples. WA supervised the excavation of the former product lines following confirmation sampling, and impacted soil was excavated during replacement of the former product lines. The excavated soil was transported to the Vasco Road Landfill in Livermore, California. Additional excavation was completed

along the southern end of each dispenser island. This soil was transported on March 11, 1994, to the Vasco Road Landfill in Livermore, California.

June 1995 Records Search: In June 1995, GR reviewed records of past land use for the properties surrounding the subject site. GR concluded from their review that the property owner for this time period was the David D. Bohannon Organization. The David D. Bohannon Organization owned the property since 1953 according to the GR report. The property consisted of retail businesses according to source information.

Well Search

August 1990 Well Survey: GSI reviewed County of Alameda Public Works Agency files to identify domestic, municipal, or irrigation supply wells within a half-mile of the site. Wells identified include: 14 irrigation wells, three domestic wells, one cathodic well, and one abandoned well. The nearest domestic well is approximately 2,200 feet northeast (up-gradient) of the site. The nearest irrigation well is located approximately 1,700 feet west (cross-gradient) of the site. Well search data are presented in Attachment C.

SITE CONDITIONS

Geology and Hydrogeology

The subject site is located on the East Bay Plain, approximately one mile east of Roberts Landing on the eastern shore of the San Francisco Bay. The site is relatively flat at an elevation of approximately 40 feet above sea level. Unconsolidated alluvial Quaternary sediments (fluvial and marginal marine deposits) underlie the site. Sediments beneath the site are generally comprised of interbedded silts, clays, clayey gravels, and sands to the maximum explored depth of 25.5 feet. Cross sections A-A' (Figure 3) and B-B' (Figure 4) illustrate site geology.

The depth to groundwater beneath the site has been monitored since June 1989. The groundwater depth ranges from approximately 7 to 15 feet below the top of casing (TOC), and groundwater flows south-southwest at gradients ranging from 0.001 to 0.04 feet/foot (ft/ft). A rose diagram depicting historical groundwater flow directions is presented as Figure 5.

Site Geology: Sediments beneath the site consist of clay and silt to a depth of approximately 25 fbg, with a sand layer in C-7 and C-9 from approximately 4 to 6 fbg. Geologic cross sections are presented as Figures 3 and 4, and historical boring logs are provided as Attachment B.

Site Hydrogeology: Quarterly groundwater monitoring has been completed at the site since 1989. Historically, depth to groundwater ranges from approximately 7 to 15 fbg, and the groundwater flow direction and gradient has consistently been to the south and southwest.

SITE CONCEPTUAL MODEL

Hydrocarbon Source

Release Source and Volume: The former USTs appear to be the source of the TPHg, BTEX, and MTBE detections in soil and groundwater (Figure 2). No other sources or volume information has been identified.

Steps Taken to Stop Release: The USTs were replaced after a failed tank-tightness test in 1983. No formal closure documentation exists for this UST removal.

Site Characterization

Current Site Use/Status: The site is currently an active Chevron gasoline service station.

Hydrocarbon Distribution in Soil: The hydrocarbon source appears to be the UST complex. The highest hydrocarbon concentrations in soil (660 mg/kg TPHg and 0.82 mg/kg benzene) were detected at 10 fbg near the UST complex. As indicated on Figures 3 and 4, the lateral extent of the impacted vadose zone soil is adequately defined by the existing borings and wells.

Separate-Phase Hydrocarbons: Separate-phase hydrocarbons (SPH) were detected in well C-2 in 1989 through 1991 at a maximum thickness of 0.15 feet. SPH has not been detected in C-2 since 1991, or in any other well at the site.

Hydrocarbon Distribution in Groundwater: The mass of the dissolved hydrocarbon plume appears localized south of the UST basin in the vicinity of wells C-1, C-2, C-7, and C-8. Historical data suggests the core of the hydrocarbon plume (area of highest concentration) was centered on the fuel USTs. A smaller residual hydrocarbon plume is currently down-gradient of the site (Figures 6 and 7). Figure 8 illustrates the current distribution of MTBE in groundwater. The lateral extent of hydrocarbons in groundwater is defined by wells located down-gradient (wells C-9, C-10, and C-11) and up-gradient (wells C-4, C-5, and C-6).

Hydrocarbon Plume Stability and Concentration Trends: Hydrocarbons have been detected in five monitoring wells (C-1, C-2, C-3, C-7, and C-8) during quarterly monitoring and sampling. TPHg was detected at a maximum concentration of 1,200,000 µg/L at well C-2, together with benzene at a maximum

concentration of 14,000 ug/l on June 6, 1989. MTBE was also detected at well C-2 at a concentration of 2,300 µg/L on June 21, 1996. Dissolved hydrocarbons are currently detected at low levels in wells C-1 through C-3. TPHg, benzene and MTBE concentration trends are illustrated on graphs presented in Attachment D.

TPHg concentrations have fluctuated between 14,000 µg/L (Fourth Quarter 1995) and 1,600 µg/L (First Quarter 2007) in off-site well C-7 since 1995. Benzene decreased to a low concentration of 5 µg/L during the first quarter 2007, while MTBE was not detected. Dissolved hydrocarbons in wells C-7 and C-8 continue to decrease, and with the source area removal should continue this trend. The remnants of the dissolved hydrocarbon plume are beneath Hesperian Boulevard, and the plume is not migrating towards properties on the south side of Hesperian Boulevard.

Remediation Status

Remedial Actions Taken: In August 1992, WA installed a groundwater remediation system. The system extracted groundwater from wells C-1 and C-2 using submersible pumps. Two 1,000-pound aqueous-phase carbon vessels were used to treat groundwater. The treated groundwater was then discharged to the sanitary sewer under permit from the Oro Loma Sanitary District. The groundwater extraction system removed and treated 1,290,430 gallons of groundwater from August 1992 to July 1994. The system was shutdown when benzene concentrations in groundwater approached the maximum contaminant level for drinking water (MCL) of 1.0 µg/L.

Area Remediated: Approximately 120 cubic yards of impacted soil were excavated and removed from the site during UST replacement completed during 1983. On March 29, 1994, Filner Construction, Inc. (Filner) removed one 1,000-gallon waste oil UST. The eastern half of the waste oil tank was excavated to an approximate depth of 11 feet. Approximately 45 cubic yards of stockpiled soil was transported to Forward Landfill in Manteca, California.

In January 1994, WA supervised the excavation of the former product lines. Impacted soil was excavated during replacement of the former product lines and disposed of at Vasco Road Landfill in Livermore, California. Additional excavation was conducted along the southern end of each dispenser island and on March 11, 1994, the soil was disposed of at Vasco Road Landfill in Livermore, California.

Well and Sensitive Receptor Survey

In 2002, Delta completed a search of Department of Water Resources (DWR) files for domestic, municipal, and irrigation supply wells within 2,000 feet of the subject site (Attachment C). Delta

identified seven well sites from the DWR search, all of which are apparently active. Four well sites were listed as irrigation wells, two as domestic wells, and one was listed as unknown.

One domestic well is located approximately 1,300 feet northwest (cross-gradient), and one domestic well is located approximately 1,700 feet northeast (up-gradient). These well locations are illustrated on Figure 1 (Attachment C) and they are labeled as points #2 and #4 on the figure. The nearest irrigation well is approximately 700 feet southeast (cross-gradient) of the site. An inventory of wells identified within 2,000 feet of the subject site, and a map of the well locations, are presented in Attachment C.

Delta completed a door-to-door well survey in addition to the DWR search. Delta completed their door-to-door well survey for properties within 500 feet of the subject site. Delta identified an irrigation well approximately 450 feet west (cross-gradient/down-gradient) of the site during this survey. Delta also spoke with the property owner to assess the use for this well. The property owner indicated that the well was inactive. Table 1 (Attachment C) summarizes data from this survey, and Figure 1 (Attachment C) illustrates wells within 500 feet of the subject site.

Delta completed a sensitive receptor survey for properties in the vicinity of the site, which consisted of: locating and identifying vapor receptors such as basements, locating and verifying the depth of utility vaults, and locating the nearest surface water bodies. Delta did not identify any basements or man-sized utility vaults within their search area. However, Delta did identify several minor utility vaults that included water, Pacific Bell, and PG&E. Delta identified other utilities adjacent to the site including storm drains and a sanitary sewer. The storm drains were located throughout the site at a depth of 3.5 feet. The sanitary sewers are located beneath Hesperian Boulevard, and are buried at depths ranging from 6 to 8 feet. Figure 2 illustrates the utility locations. San Lorenzo Creek is located approximately 1,400 feet north of the site, and this creek is the nearest surface water body (Figure 1).

CRA does not identify any sensitive receptors that would be impacted from the site. The sensitive receptor surveys and current plume distribution indicated that no sensitive receptors are currently impacted, and are not likely to be impacted in the future. The majority of residual mass occurs in the aqueous-phase beneath Hesperian Boulevard, and this mass exists at depths deeper than nearby utilities.

Groundwater Use: The screen intervals for the seven wells located within 2,000 feet of the site are not known. However, the wells are used for municipal, irrigation, and drinking purposes. Irrigation and domestic wells within the 2,000-foot radius of the well survey are not likely to be impacted by the site, and they are not expected to influence groundwater flow.

Likelihood of Impact to Surface Water: The nearest surface water is San Lorenzo Creek (as determined from the United States Geological Survey 7.5-minute San Leandro Quadrangle). San Lorenzo Creek is

located approximately 1,400 feet north of the site. No other surface water is within 2,000 feet of the site. Hydrocarbons from the site are not expected to impact any surface water.

Risk Assessment

CRA completed a risk assessment for the site that evaluated historic soil and groundwater conditions. CRA used these data to determine if the impacted soil and groundwater posed a risk to current or future occupants or visitors at the site. Since soil analytical data was not collected from wells C-1 through C-5, groundwater concentrations in these wells were compared against environmental screening levels (ESLs[1]). The RWQCB, San Francisco Bay Region, proposed ESLs for groundwater at industrial/commercial and residential land-use sites, where groundwater is not a current or potential drinking water resource. Since the nearest water production well (for irrigation use) is approximately 700 feet southeast of the subject site in the cross-gradient direction, it is unlikely that groundwater from the shallow aquifer screened by the onsite monitoring wells would be used as a drinking water resource.

Since groundwater at the subject site is not likely to be used as a drinking water resource, and the site is currently used for commercial purposes, CRA believes the ESLs[2] below would be most appropriate for closure discussions. The concentrations listed below are for use in low-to-moderately permeable soil.

Groundwater Concentrations and ESLs			
Chemical	First Semi-Annual 2007 Maximum Groundwater Concentration (in µg/L) (Point Name)	RWQCB-SFB ESL for Groundwater[(2)] Commercial/Industrial Land Use µg/L	RWQCB-SFB ESL for Groundwater[(2)] Residential Land Use µg/L
TPHg	**8,100 (C-8)**	7.2E+04 (µg/m^3)	2.6E+04 (µg/m^3)
Benzene	**5 (C-7)**	6.4E+03	1.9E+03
Toluene	**1 (C-8)**	5.3E+05	5.3E+05
Ethylbenzene	**66 (C-8)**	1.7E+05	1.7E+05
Xylenes	**30 (C-7)**	1.6E+05	1.6E+05
MTBE	**14 (C-1)**	1.5E+05	4.5E+04

[1]RWQCB-SFB report titled *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, February 2005

[2] Table E-1a, Groundwater Screening Levels For Evaluation Of Potential Vapor Intrusion Concerns, as published in the RWQCB-SFB report titled *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, February 2005

In addition, ESLs listed in Table F-1b, Groundwater Screening Levels (where groundwater is not a current or potential drinking water resource) are:

Chemical	First Semi-Annual 2007 Maximum Groundwater Concentration (in µg/L) (Point Name)	RWQCB-SFB ESL for Commercial/Industrial Land Use (Groundwater is not a potential drinking water resource) µg/L
TPHg	**8,100 (C-8)**	7.2E+04 (µg/m^3)
Benzene	**5 (C-7)**	5.4E+02
Toluene	**1 (C-8)**	3.8E+05
Ethylbenzene	**66 (C-8)**	1.7E+05
Xylenes	**30 (C-7)**	1.6E+05
MTBE	**14 (C-1)**	2.4E+04

The wells south of the site and in Hesperian Boulevard with the highest dissolved concentrations are C-1, C-2, C-7, and C-8. In 2006 and 2007, the maximum concentrations of TPHg, benzene, and MTBE were 8,100 ug/L, 5 ug/L, and 14 ug/L, respectively. The recent groundwater concentrations of TPHg, benzene, and MTBE are below the ESLs for both commercial and residential use for evaluation of vapor intrusion concerns.

The dissolved hydrocarbon plume beneath the site is predominantly south of the site beneath Hesperian Boulevard. Concentrations of dissolved hydrocarbons adjacent to the station building have historically been very low to non-detect, indicating a low risk of vapor intrusion into the station building. The dissolved plume beneath Hesperian Boulevard is stable, and is defined by wells C-9 through C-11. Groundwater samples collected from these three wells have not contained hydrocarbons above laboratory reporting limits since they were installed in 1990, with the exception of a few very low concentrations (Attachment B).

CRA also compared current groundwater concentrations to California Maximum Contaminant Levels (MCL) for benzene (1.0 ug/L) and MTBE (5 ug/L). Although benzene has been slightly above the Primary MCL of 1.0 ug/L in one well (C-7), benzene concentrations have been steadily declining in C-7 since 2001, and CRA expects these concentrations to continue declining (Attachment D). MTBE concentrations are slightly above the Secondary MCL of 5 ug/L in C-1, ranging in concentrations from 40 ug/L in 2003 to 1 ug/L in 2005. However, these concentrations are also stable to declining, as shown in the graphs in Attachment D. Although TPHg was detected at 8,100 ug/L in well C-8, California has not

established an MCL for TPHg. Based on the data presented above, CRA requests the site be considered for closure.

CLOSURE REQUEST

The site appears to meet the RWQCB-SFB region criteria for a low-risk fuel site. A low-risk groundwater case has six primary general characteristics. Each of the low-risk groundwater case characteristics as they relate to the site are discussed below.

The Leak Has Stopped and the Hydrocarbon Source Has Been Removed: The primary source of petroleum hydrocarbons was removed when the former tanks and piping were replaced in December 1983 and when additional upgrades were performed in 1994. Hydrocarbon concentrations in groundwater onsite have decreased to below detection limits, indicating that there is no residual hydrocarbon mass in soil in the source area. Therefore, the leak has been stopped and the hydrocarbon source has been removed.

The Site Has Been Adequately Characterized: The lateral extent of petroleum hydrocarbons dissolved in groundwater is defined by wells C-4 and C-5 (upgradient) and wells C-9, C-10, and C-11 (downgradient). Isoconcentration maps of TPHg, benzene, and MTBE are provided as Figures 6 through 8. Current groundwater concentrations indicate that the plume is limited in extent to the area beneath Hesperian Boulevard.

The Hydrocarbon Plume Is Not Migrating: The hydrocarbon plume has been monitored since 1989. Hydrocarbons in groundwater have not been detected above laboratory reporting limits since 1998 in downgradient, defining wells C-9, C-10, and C-11, which indicates the plume is not migrating.

No water wells, deeper drinking water aquifers, surface water, or other sensitive receptors are likely to be impacted: The water well surveys indicates that there are no wells, surface water or other sensitive receptors that are likely to be impacted.

The Site Presents No Significant Risk to Human Health or the Environment: The risk assessment indicates that the plume is contained beneath Hesperian Boulevard and does not pose a risk to human health or the environment. The risk assessment further demonstrated that even if residential or commercial development were to occur within the Hesperian Boulevard right of way (i.e. the road were moved and the location of the plume was developed for either commercial or residential use), there is no risk to human health.

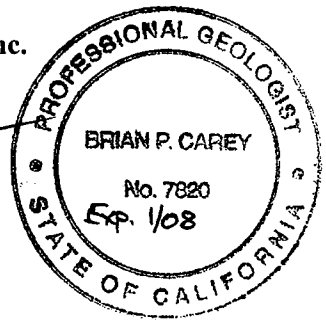
Based on this evaluation, CRA requests that this site be considered for regulatory closure.

CLOSING

Please contact Brian Carey at (916) 677-3407 (ext 106) if you have any questions or comments.

Sincerely,

Conestoga-Rovers & Associates, Inc.



Brian P. Carey, P.G.
Project Geologist

Figures:
1 – Vicinity Map
2 – Site Plan
3 – Geologic Cross Section A-A'
4 – Geologic Cross Section B-B'
5 – Groundwater Flow Direction Rose Diagram
6 – TPHg Groundwater Isoconcentration Map – March 5, 2007
7 – Benzene Groundwater Isoconcentration Map – March 5, 2007
8 – MTBE Groundwater Isoconcentration Map – March 5, 2007

Tables:
1 – Soil Analytical Data
2 – Well Construction Details

Attachments:
A – Historical Boring Logs and Well Construction Details
B – Historical Groundwater Elevation and Analytical Results
C – Sensitive Receptor Survey
D – Groundwater Concentration Graphs

cc: Mr. Tom Bauhs, Chevron Environmental Management Company, 6001 Bollinger Canyon Road, Room K2204, San Ramon, CA 94583
Mr. Mike Bakaldin, Hazmat, San Leandro Fire Department, 835 East 14th Street, Suite 200, San Leandro, CA 94577

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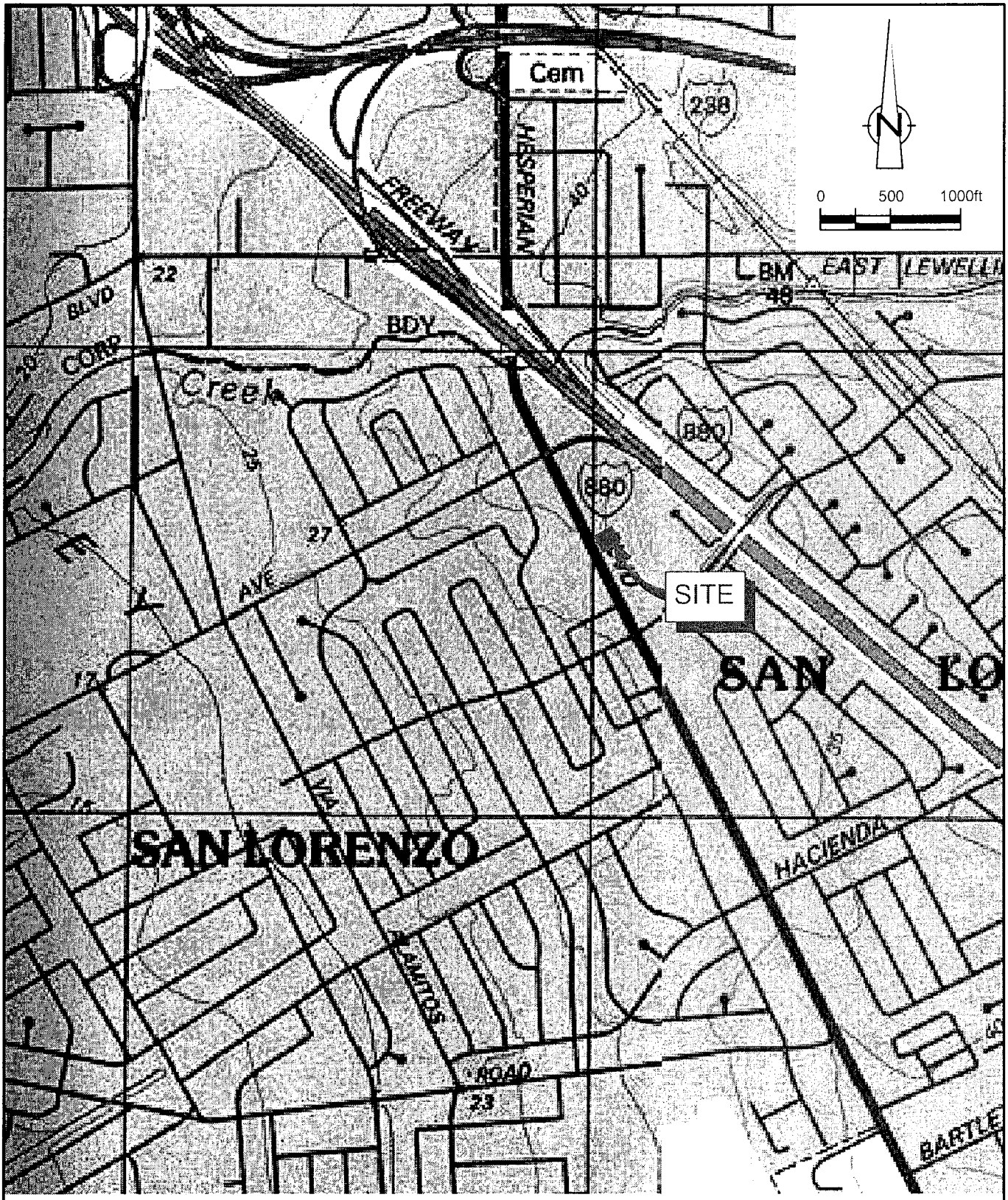
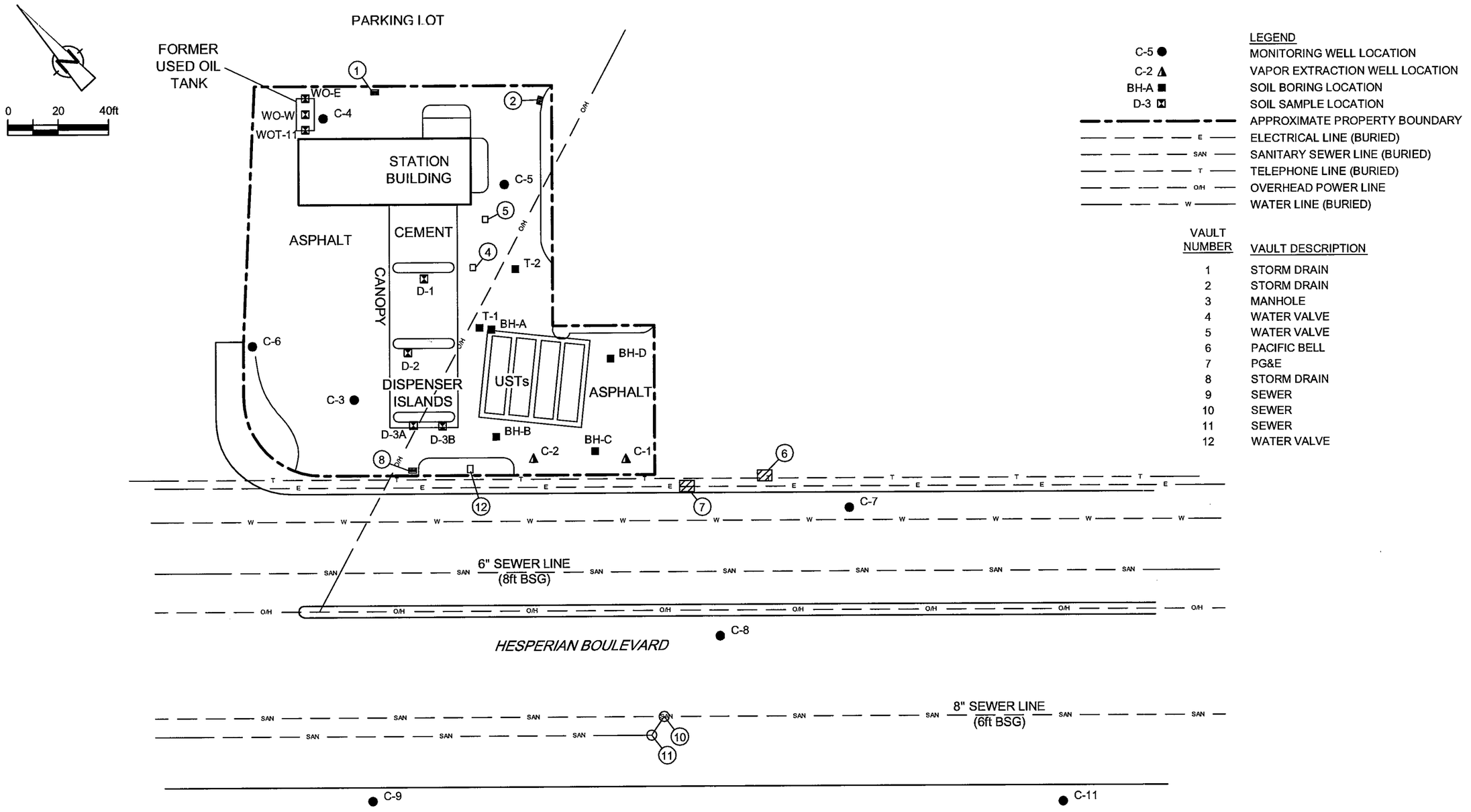


SOURCE: TOPO! MAPS.

figure 1

VICINITY MAP
CHEVRON SERVICE STATION 9-0504
15900 HESPERIAN BOULEVARD
San Lorenzo, California



SOURCE: DELTA ENVIRONMENTAL CONSULTANTS, INC.

figure 2

SITE PLAN
CHEVRON SERVICE STATION 9-0504
15900 HESPERIAN BOULEVARD
San Lorenzo, California

611641-00(PRES001)GN-WA003 JUL 26/2007

A
NORTH

A'
SOUTH

PROPERTY BOUNDARY
C-6
C-3
DISPENSER ISLAND
BH-B
C-2
BH-C
C-1
PROPERTY BOUNDARY
TELEPHONE LINE (BURIED)
ELECTRICAL LINE (BURIED)
HESPERIAN BOULEVARD
WATER LINE (BURIED)
SANITARY SEWER LINE (BURIED)
HESPERIAN BOULEVARD
ELECTRICAL LINE (BURIED)
HESPERIAN BOULEVARD
C-8
SANITARY SEWER LINE (BURIED)
HESPERIAN BOULEVARD
C-11

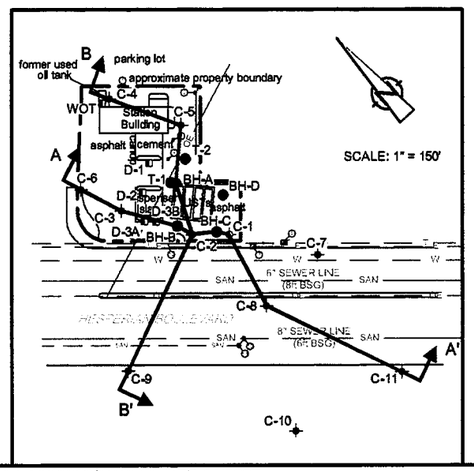
BASEROCK
CL
SP
ML
CL

<1.0
0.01
07/28/92
6
0.043
07/28/92
1,000
1
14
03/05/07
<1.0
<0.005
07/28/92
660
0.82
07/28/92
160
<0.5
14
03/05/07
HISTORICAL RANGE OF GROUNDWATER ELEVATION
<1.0
<0.05
11/29/89
37
<0.05
11/29/89
<1.0
<0.05
11/29/89
8,100
1
<0.5
03/05/07
<50
<0.5
<0.5
09/02/05
<1.0
<0.05
08/2/90
<1.0
<0.05
08/28/90
<50
<0.5
<0.5
<1
<0.5
11/29/89
<1
<0.5
11/29/89
<1
<0.5
11/29/89
<50
<0.5
<0.5
03/05/07

ELEVATION (feet AMSL)
30
20
10

0
50
100
150
200
250
300
350
DISTANCE (feet)

SCALE: HORZ. 1" = 30'
VERT. 1"=10'



LEGEND

C-1 — WELL DESIGNATION
GROUND SURFACE
— OBSERVATION WELL INSTALLATION
— STRATIGRAPHIC BOUNDARY
CL — TYPICAL SOIL CLASSIFICATION
— SCREENED INTERVAL
— BOTTOM OF BORING
◄ APPROXIMATE SAMPLE LOCATION
TPHg
BENZENE
DATE — HYDROCARBON CONCENTRATIONS IN SOIL, IN PARTS PER MILLION
▼ DEPTH OF GROUNDWATER - 03/05/07 (UNLESS OTHERWISE NOTED)
TPHg
BENZENE
MTBE
DATE — HYDROCARBON CONCENTRATIONS IN GROUNDWATER, IN PARTS PER BILLION

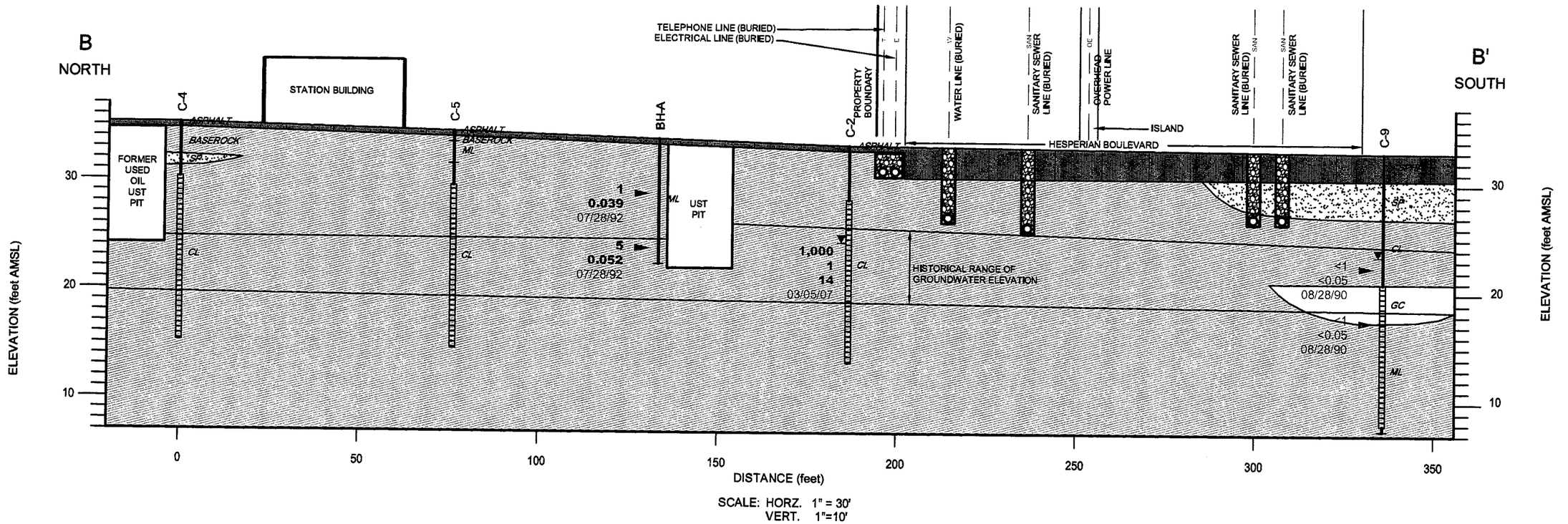
SP - POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
CL/ML - FINE GRAINED CLAYS AND SILTS
AS - ASPHALT
FILL
INTERBEDDED - INTERBEDDED CLAY, SILT AND SAND

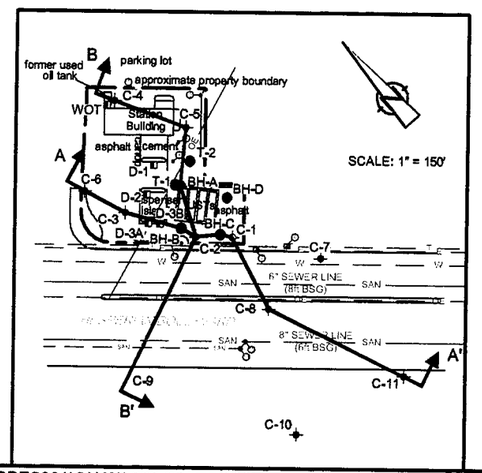
figure 3

GEOLOGIC CROSS SECTION A-A'
CHEVRON SERVICE STATION 9-0504
15900 HESPERIAN BOULEVARD
San Lorenzo, California

CRA

611641-00(PRES001)GN-WA001 SEP 14/2007





LEGEND

- C-4 — WELL DESIGNATION
- GROUND SURFACE
- OBSERVATION WELL INSTALLATION
- STRATIGRAPHIC BOUNDARY
- CL — TYPICAL SOIL CLASSIFICATION
- SCREENED INTERVAL
- BOTTOM OF BORING
- APPROXIMATE SAMPLE LOCATION
- TPHg / BENZENE / DATE — HYDROCARBON CONCENTRATIONS IN SOIL, IN PARTS PER MILLION
- DEPTH OF GROUNDWATER - 03/05/07 (UNLESS OTHERWISE NOTED)
- TPHg / BENZENE / MTBE / DATE — HYDROCARBON CONCENTRATIONS IN GROUNDWATER, IN PARTS PER BILLION

- *SP* - POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
- *CL/ML* - FINE GRAINED CLAYS AND SILTS
- *AS* - ASPHALT
- *FILL*

INTERBEDDED - INTERBEDDED CLAY, SILT AND SAND

figure 4

GEOLOGIC CROSS SECTION B-B'
CHEVRON SERVICE STATION 9-0504
15900 HESPERIAN BOULEVARD
San Lorenzo, California

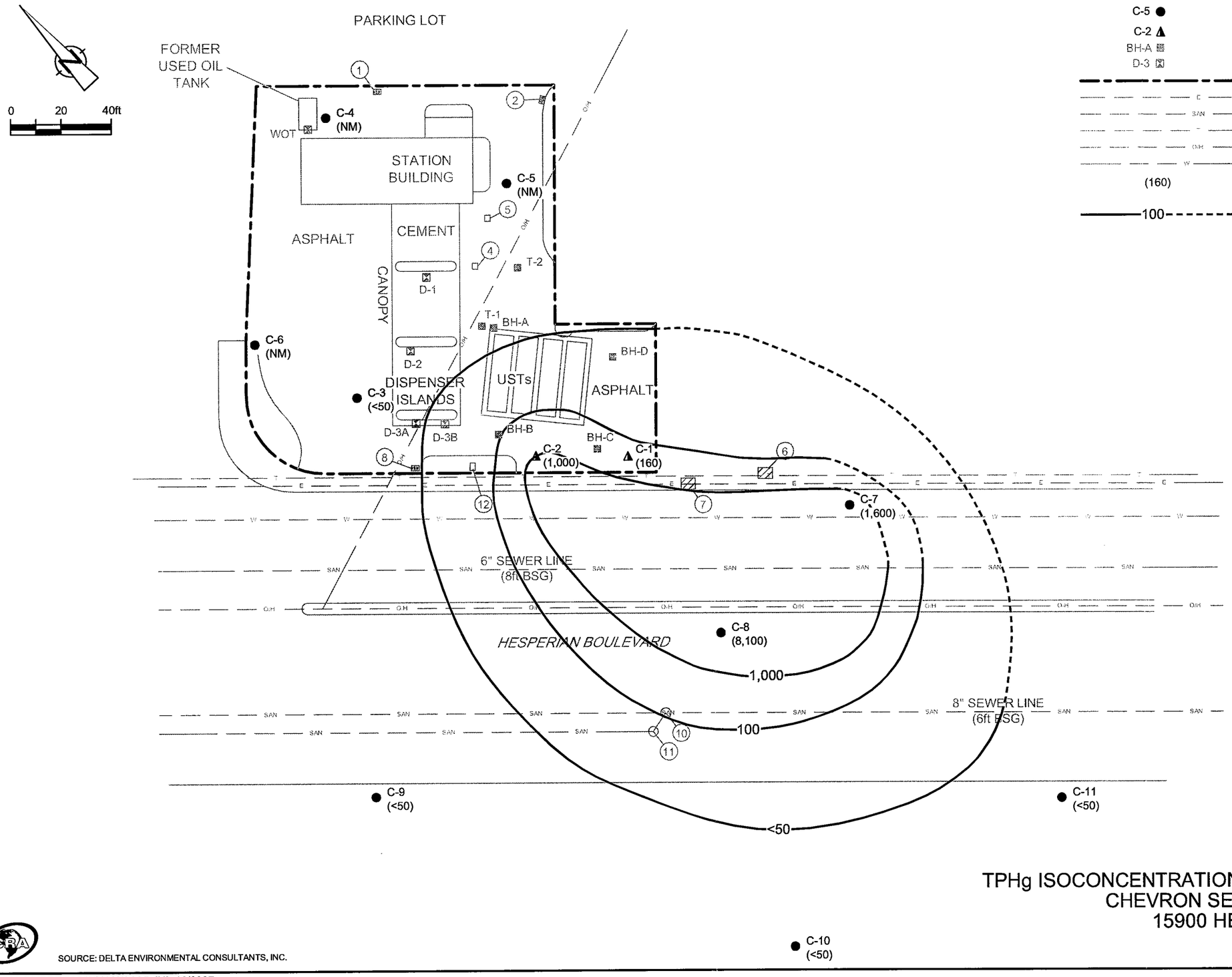
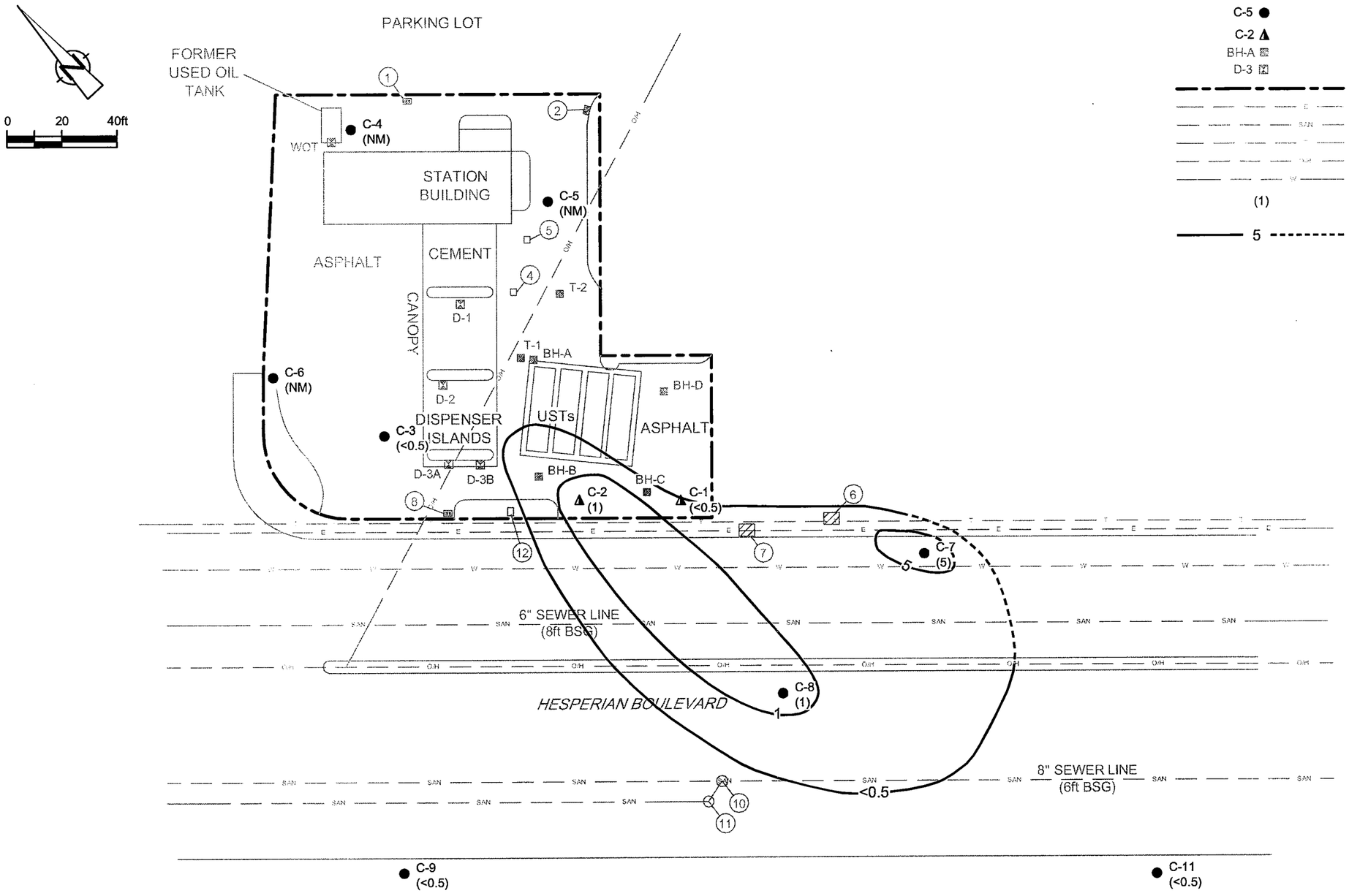


figure 6

TPHg ISOCONCENTRATION MAP - MARCH 5, 2007
CHEVRON SERVICE STATION 9-0504
15900 HESPERIAN BOULEVARD
San Lorenzo, California

SOURCE: DELTA ENVIRONMENTAL CONSULTANTS, INC.

611641-00(PRES001)GN-WA005 JUL 16/2007



LEGEND

C-5 ●	MONITORING WELL LOCATION
C-2 ▲	VAPOR EXTRACTION WELL LOCATION
BH-A ▩	SOIL BORING LOCATION
D-3 ▣	SOIL SAMPLE LOCATION
	APPROXIMATE PROPERTY BOUNDARY
	ELECTRICAL LINE (BURIED)
	SANITARY SEWER LINE (BURIED)
	TELEPHONE LINE (BURIED)
	OVERHEAD POWER LINE
	WATER LINE (BURIED)
(1)	BENZENE CONCENTRATIONS ARE IN MICROGRAMS PER LITER (µg/L)
5	BENZENE CONCENTRATION CONTOUR, DASHED WHERE INFERRED

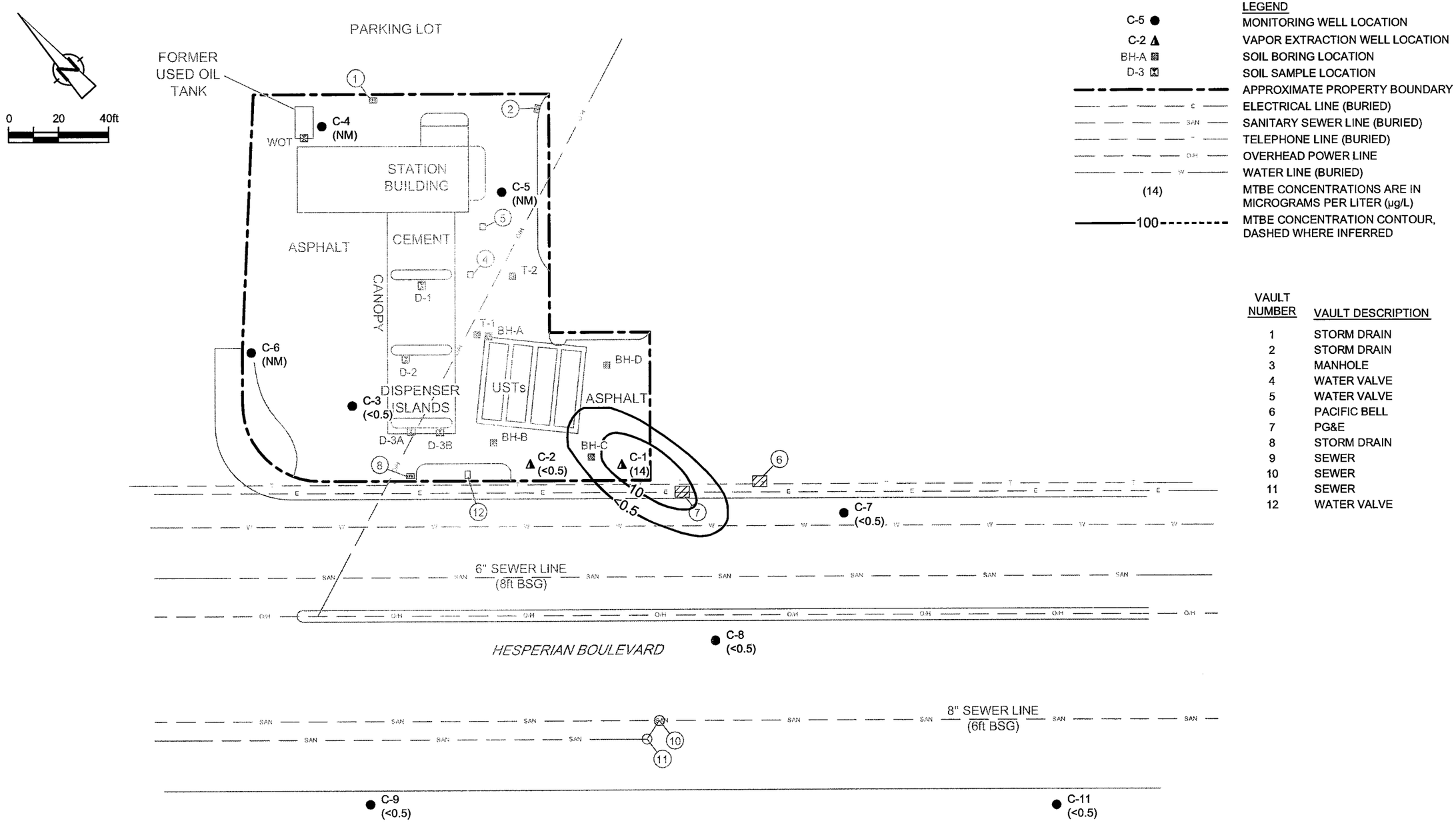
VAULT NUMBER	VAULT DESCRIPTION
1	STORM DRAIN
2	STORM DRAIN
3	MANHOLE
4	WATER VALVE
5	WATER VALVE
6	PACIFIC BELL
7	PG&E
8	STORM DRAIN
9	SEWER
10	SEWER
11	SEWER
12	WATER VALVE

figure 7

BENZENE ISOCONCENTRATION MAP - MARCH 5, 2007
CHEVRON SERVICE STATION 9-0504
15900 HESPERIAN BOULEVARD
San Lorenzo, California

SOURCE: DELTA ENVIRONMENTAL CONSULTANTS, INC.

611641-00(PRES001)GN-WA006 JUL 16/2007



VAULT NUMBER	VAULT DESCRIPTION
1	STORM DRAIN
2	STORM DRAIN
3	MANHOLE
4	WATER VALVE
5	WATER VALVE
6	PACIFIC BELL
7	PG&E
8	STORM DRAIN
9	SEWER
10	SEWER
11	SEWER
12	WATER VALVE

SOURCE: DELTA ENVIRONMENTAL CONSULTANTS, INC.

figure 8

MTBE ISOCONCENTRATION MAP - MARCH 5, 2007
CHEVRON SERVICE STATION 9-0504
15900 HESPERIAN BOULEVARD
San Lorenzo, California

Table 1

Soil Analytical Data

Chevron Station #9-0504, 15900 Hesperian Boulevard, San Lorenzo, CA

Sample ID	Sample Depth (ft)	Sample Date	TPHd	TPHg	Benzene	Toluene	Ethylenzene	Xylene	MTBE	TOG
			Concentrations reported in milligrams per kilogram mg/kg = parts per million							
Waste Oil UST										
WO-E	9	03/29/94	<1	<1	<0.005	<0.005	<0.005	<0.005	--	**110**
WO-W	9	03/29/94	<1	<1	<0.005	<0.005	<0.005	<0.005	--	<50
XWO-E	11	03/31/94	--	--	--	--	--	--	--	<50
WOT-11	11	06/08/01	<5.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	**63**
Dipsensers and Product Lines										
T-1	--	01/06/94	NA	<1	<0.005	<0.005	<0.005	<0.005	--	--
T-2	--	01/06/94	NA	<1	<0.005	<0.005	<0.005	<0.005	--	--
D-1	--	01/06/94	NA	<1	<0.005	<0.005	<0.005	<0.005	--	--
D-2	--	01/06/94	NA	**2**	**0.01**	**0.011**	<0.005	**0.23**	--	--
D-3A	--	01/06/94	NA	**5**	**0.015**	**0.061**	<0.005	**0.14**	--	--
D-3B	--	01/06/94	NA	<1	<0.005	<0.005	<0.005	<0.005	--	--
Soil Borings										
BH-A	5	07/28/92	NA	**1**	**0.039**	**0.023**	**0.083**	**0.099**	--	--
	10	07/28/92	NA	**5**	**0.052**	**0.14**	**0.013**	**0.066**	--	--
BH-B	5	07/28/92	NA	<1.0	**0.01**	<0.005	**0.005**	**0.006**	--	--
	10	07/28/92	NA	**6**	**0.043**	**0.059**	<0.005	**0.29**	--	--
BH-C	5	07/28/92	NA	<1.0	<0.005	<0.005	<0.005	<0.005	--	--
	10	07/28/92	NA	**660**	**0.82**	**9.1**	**0.33**	**47**	--	--
BH-D	5	07/28/92	NA	**1**	**0.019**	<0.005	**0.005**	**0.009**	--	--
	10	07/28/92	NA	**11**	**0.057**	**0.22**	<0.005	**0.36**	--	--

Table 1

Soil Analytical Data

Chevron Station #9-0504, 15900 Hesperian Boulevard, San Lorenzo, CA

Sample ID	Sample Depth (ft)	Sample Date	TPHd	TPHg	Benzene	Toluene	Ethylenzene	Xylene	MTBE	TOG
			Concentrations reported in milligrams per kilogram mg/kg = parts per million							
Monitoring Wells										
C-6	10.5	11/29/89	NA	<1	<0.05	<0.05	<0.05	<0.05	--	--
	15.5	11/29/89	NA	<1	<0.05	<0.05	<0.05	<0.05	--	--
	20.5	11/29/89	NA	<1	<0.05	<0.05	<0.05	<0.05	--	--
C-7	10.5	11/29/89	NA	**3.7**	<0.05	<0.05	<0.05	**0.05**	--	--
	15.5	11/29/89	NA	<1	<0.05	<0.05	<0.05	<0.05	--	--
	20.5	11/29/89	NA	**4.0**	**0.11**	<0.05	**0.05**	**0.11**	--	--
C-8	10.5	11/29/89	NA	<1	<0.05	<0.05	<0.05	<0.05	--	--
	15.5	11/29/89	NA	**37**	<0.05	<0.05	**0.14**	**0.24**	--	--
	20.5	11/29/89	NA	<1	<0.05	<0.05	<0.05	<0.05	--	--
C-9	10.5	08/28/90	NA	<1	<0.05	<0.05	<0.05	<0.05	--	--
	15.5	08/28/90	NA	<1	<0.05	<0.05	<0.05	<0.05	--	--
C-10	10.5	08/28/90	NA	<1	<0.05	<0.05	<0.05	<0.05	--	--
	15.5	08/28/90	NA	<1	<0.05	<0.05	<0.05	<0.05	--	--
C-11	10.5	08/28/90	NA	<1	<0.05	<0.05	<0.05	<0.05	--	--
	15.5	08/28/90	NA	<1	<0.05	<0.05	<0.05	<0.05	--	--

Abbreviations/Notes:

Total petroleum hydrocarbons as diesel (TPHd) by EPA Method 8015B

Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015B Modified

Benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8260B

Methyl tertiary butyl ether (MTBE) by EPA Method 8260B

<x = Not detected above method detection limit

-- = Not analyzed

Table 2

Well Construction Details

Chevron Station #9-6991, 2920 Castro Valley Boulevard, Castro Valley, CA

Boring ID	Drill Date	Well Depth (fbg)	Well Diameter (inches)	Screen Top (fbg)	Screen Bottom (fbg)	Screen Length (feet)	Comments
Soil Borings							
BH-A	07/28/92	11.5	--	--	--	--	
BH-B	07/28/92	11.5	--	--	--	--	
BH-C	07/28/92	11.5	--	--	--	--	
BH-D	07/28/92	11.5	--	--	--	--	
Monitoring Wells							
C-1	12/29/83	20	2	5	20	15	
C-2	12/29/83	20	2	5	20	15	
C-3	12/29/83	20	2	5	20	15	
C-4	12/29/83	20	2	5	20	15	
C-5	12/29/83	20	2	5	20	15	
C-6	11/27/89	25.5	2	5	25	20	
C-7	11/28/89	25.5	2	8	25	17	
C-8	11/27/89	25.5	2	5	20	15	
C-9	08/28/90	25.5	2	12	25	13	
C-10	10/28/90	25.5	2	12	25	13	
C-11	08/28/90	25.5	2	12	25	13	

Abbreviations

fbg = feet below grade

CONESTOGA-ROVERS
& ASSOCIATES

ATTACHMENT A

Historical Boring Logs and Well Construction Details

Geiler - Ryan Inc. GENERAL CONTRACTORS

WELL BORING LOG

COMPANY: Chevron U.S.A. JOB NO: OR - 5107

LOCATION: 15900 Hesperian DATE: 12-29-83

CITY: San Lorenzo WELL #: 1

DEPTH	SAMPLE NO.	SOIL DESCRIPTION
0 ft.		
4"		Asphalt
1'		Black clay
3'		Brown Sandy clay
7'		Brown sandy clay (moist)
9'		Black clay
11'		Grey clay (Gasoline vapor)
14'		Tan mud (water)
20'		" "

FOREMAN: Mike Divita SHEET: 1 OF 1

Gettler - Ryan Inc. GENERAL CONTRACTORS

WELL BORING LOG

COMPANY: Chevron U.S.A JOB NO: OR - 5107

LOCATION: 15900 Hesperian DATE: 12-29-83

CITY: San Lorenzo WELL #: 2

DEPTH	SAMPLE NO.	SOIL DESCRIPTION
0 ft.		
4"		Asphalt
3½'		Black sandy clay
5'		Brown sandy clay
6'		Brown clay
8'		Light brown clay
12'		Black clay
15'		Tan sandy clay
20'		Tan mud

FOREMAN: Mike Divita SHEET: 1 OF 1

Gettler - Ryan Inc.
GENERAL CONTRACTORS

WELL BORING LOG

COMPANY: Chevron U.S.A. JOB NO: OR - 5107

LOCATION: 15900 Hesperian DATE: 12-29-83

CITY: San Lorenzo WELL #: 3

DEPTH	SAMPLE NO.	SOIL DESCRIPTION
0 ft.		
4"		Asphalt
2½'		Baserock
4½'		Reddish brown sandy clay
5'		Brown sandy clay
7'		Brown sand
8'		Brown sandy clay
11'		Dark brown clay
14'		Black clay
15[redacted]'		Tan sandy clay (water)
20'		"

FOREMAN: Mike Arita SHEET: 1 OF 1

Gettler - Ryan Inc. GENERAL CONTRACTORS

WELL BORING LOG

COMPANY: Chevron U.S.A. JOB NO: OR - 5107

LOCATION: 15800 Hesperian DATE: 12-29-83

CITY: San Lorenzo WELL #: #4

DEPTH	SAMPLE NO.	SOIL DESCRIPTION
0 ft.		
4"		Asphalt
3'		Baserock
4'		Sand
5'		Black clay
6'		Dark brown sandy clay
8'		Black clay
15'		Tan sandy clay (water)
17'		Tan mud
20'		" "

FOREMAN: Mike Davila SHEET: 1 OF 1

Gettler - Ryan Inc.
GENERAL CONTRACTORS

WELL BORING LOG

COMPANY: Chevron U.S.A. JOB NO: OR - 5107

LOCATION: 15900 Hesperian DATE: 12-29-83

CITY: San Lorenzo WELL #: 5

DEPTH	SAMPLE NO.	SOIL DESCRIPTION
0 ft.		
3"		Asphalt
1'		Baserock
3'		Top soil - silt
5'		Brown sandy clay
6½'		Dark brown sandy clay
13'		Dark tan clay
15'		Light tan sandy clay (water)
17'		Tan clay
20'		" "

FOREMAN: Mike Divita SHEET: 1 OF 1

Field location of boring: (See Plate 2)	Project No.: 7259	Date: 11/27/89	Boring No: C-6
	Client: Chevron Service Station #0504		
	Location: 15900 Hesperian Boulevard		
	City: San Lorenzo, California		Sheet 1 of 2
	Logged by: R.S.Y.	Driller: Bayland	
	Casing installation data:		
Drilling method: Hollow-Stem Auger			
Hole diameter: 8-Inches	Top of Box Elevation: 36.89		Datum: MSL

								Water Level				
								Time				
								Date				
PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description				
								PAVEMENT SECTION - 3.0 feet				
2.6	100	S&H		5				SILT (ML) - dark yellow brown (10YR 4/4), medium stiff, moist; voids; low plasticity; no chemical odor.				
	100	push	C-6									
	100		5.5									
0	100	S&H		10				COLOR CHANGE to very dark gray (7.5YR 3/0); at 9.0 feet; rootlets; no chemical odor.				
	100	push	C-6									
	100		10.5									
0	4	S&H		15		▽		COLOR CHANGE to dark yellow brown (10YR 4/4); at 14.0 feet, stiff, moist; no chemical odor.				
	5		C-6									
	8		15.5									
				18				SILTY CLAY (CL) - very dark gray (10YR 3/0), medium stiff, saturated; 35-40% silt; medium plasticity; no chemical odor.				

Remarks:

GeoStrategies Inc.

Log of Boring

BORING NO. C-6

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259		11/89		

Field location of boring:	Project No.: 7259	Date: 11/27/89	Boring No:
(See Plate 2)	Client: Chevron Service Station #0504		C-6
	Location: 15900 Hesperian Boulevard		
	City: San Lorenzo, California		Sheet 2
	Logged by: R.S.Y.	Driller: Bayland	of 2
Drilling method: Hollow-Stem Auger	Casing installation data:		
Hole diameter: 8-Inches	Top of Box Elevation:	Datum:	

Water Level								
Time								
Date								

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
6.2	2	S&H						
	3		C-6	20				
	5		20.5					
				21				
				22				
				23				
				24				
1.3	6	S&H						very stiff, caliche stringers; trace fine sand; no chemical odor.
	11		C-6	25				
	13		25.5					
				26				
								Bottom of sample 25.5 feet.
				27				Bottom of boring at 25.5 feet.
				28				
				29				
				30				
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				

Remarks:

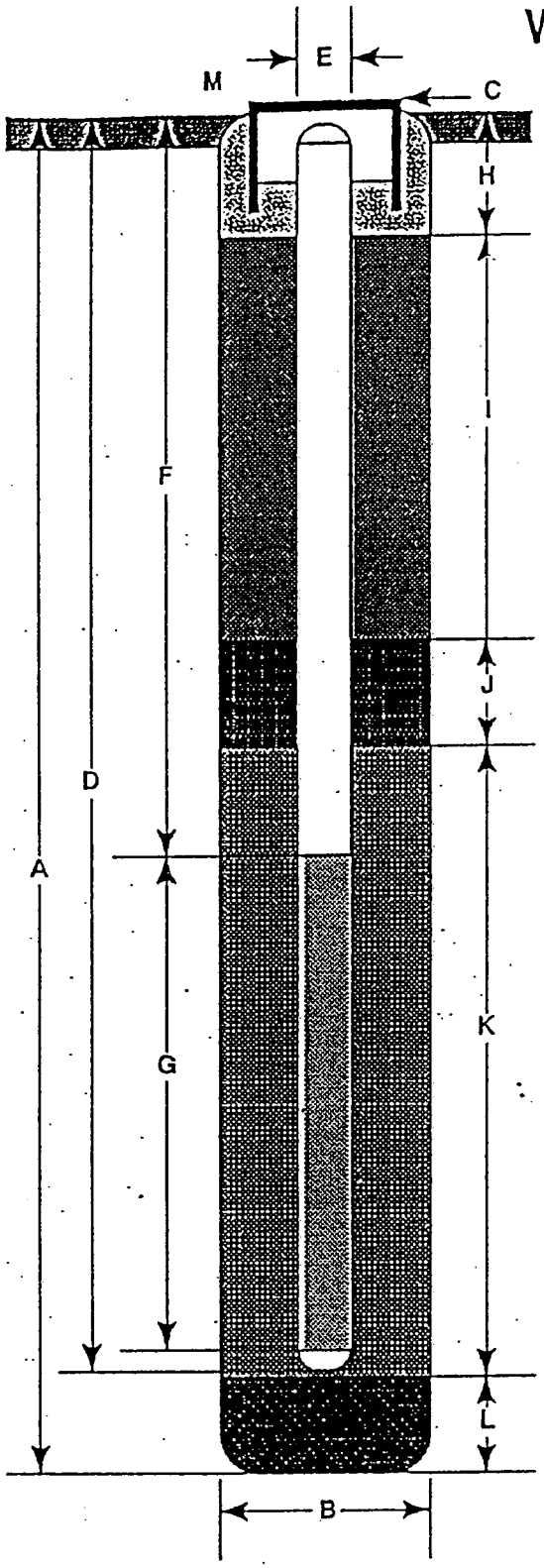
GeoStrategies Inc.

Log of Boring

BORING NO. C-6

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259		11/89		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 25.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow-Stem Auger

C Top of Box Elevation 36.89 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 25 ft.
Material Schedule 40 PVC

E Casing Diameter 2 in.

F Depth to Top Perforations 5 ft.

G Perforated Length 20 ft.
Perforated Interval from 5 to 25 ft.
Perforation Type Machine Slot
Perforation Size 0.020 in.

H Surface Seal from 0 to 1.5 ft.
Seal Material Concrete Grout

I Backfill from 1.5 to 3 ft.
Backfill Material Cement Grout

J Seal from 3 to 4 ft.
Seal Material Bentonite Pellets

K Gravel Pack from 4 to 25 ft.
Pack Material Lonestar 2/12 Sand

L Bottom Seal 0.5 ft.
Seal Material Native Soil

M Christy box with locking well cap and lock.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO. C-6

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259		11/89		

Field location of boring: (See Plate 2)	Project No.: 7259	Date: 11/28/89	Boring No: C-7
	Client: Chevron Service Station #0504		
	Location: 15900 Hesperian Boulevard		
	City: San Lorenzo, California		Sheet 1 of 2
	Logged by: R.S.Y.	Driller: Bayland	
Drilling method: Hollow-Stem Auger	Casing installation data:		
Hole diameter: 8-Inches	Top of Box Elevation: 32.75	Datum: MSL	

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level / Time / Date	Description
									PAVEMENT SECTION - 3.5 feet
				1					
				2					
				3					
				4					FILL - Sand (SP) - trench backfill; loose, moist.
				5					
		S&H							
		push	C-7	6					
	150		6.5						
				7					SILT (ML) - olive gray (5Y 4/2), medium stiff, moist; rootlets; voids; low plasticity; low dry strength; trace fine sand; no chemical odor.
				8					
				9					
	100	S&H							
	150	push	C-7	10					SILTY CLAY (CL) - very dark gray (7.5YR 3/0), medium stiff, moist; trace fine sand; medium plasticity; weak chemical odor.
	150		10.5						
				11					
				12					
				13					
				14					COLOR CHANGE to dark gray (7.5YR 4/1); at 14.0 feet, saturated; caliche stringers; moderate chemical odor.
	3	S&H				▽			
	4		C-7	15					
	9		15.5						
				16					
				17					
				18					
				19					

Remarks:

GeoStrategies Inc.

Log of Boring

BORING NO. C-7

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259		11/89		

Field location of boring: (See Plate 2)	Project No.: 7259	Date: 11/28/89	Boring No: C-7
	Client: Chevron Service Station #0504		
	Location: 15900 Hesperian Boulevard		
	City: San Lorenzo, California		Sheet 2 of 2
	Logged by: R.S.Y.	Driller: Bayland	
	Casing installation data:		
Drilling method: Hollow-Stem Auger			
Hole diameter: 8-Inches	Top of Box Elevation:		Datum:

	Water Level			
	Time			
	Date			

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
	5	S&H		20				
	10		C-7					
	13		20.5					very stiff; decrease silt to 10%; no chemical odor.
				21				
				22				
				23				
				24				color change to yellow brown (10YR 4/1); at 24.0 feet,
	6	S&H						stiff.
	6		C-7	25				
	8		25.5					
				26				Bottom of sample at 25.5 feet.
								Bottom of boring at 25.5 feet.
				27				
				28				
				29				
				30				
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				

Remarks:

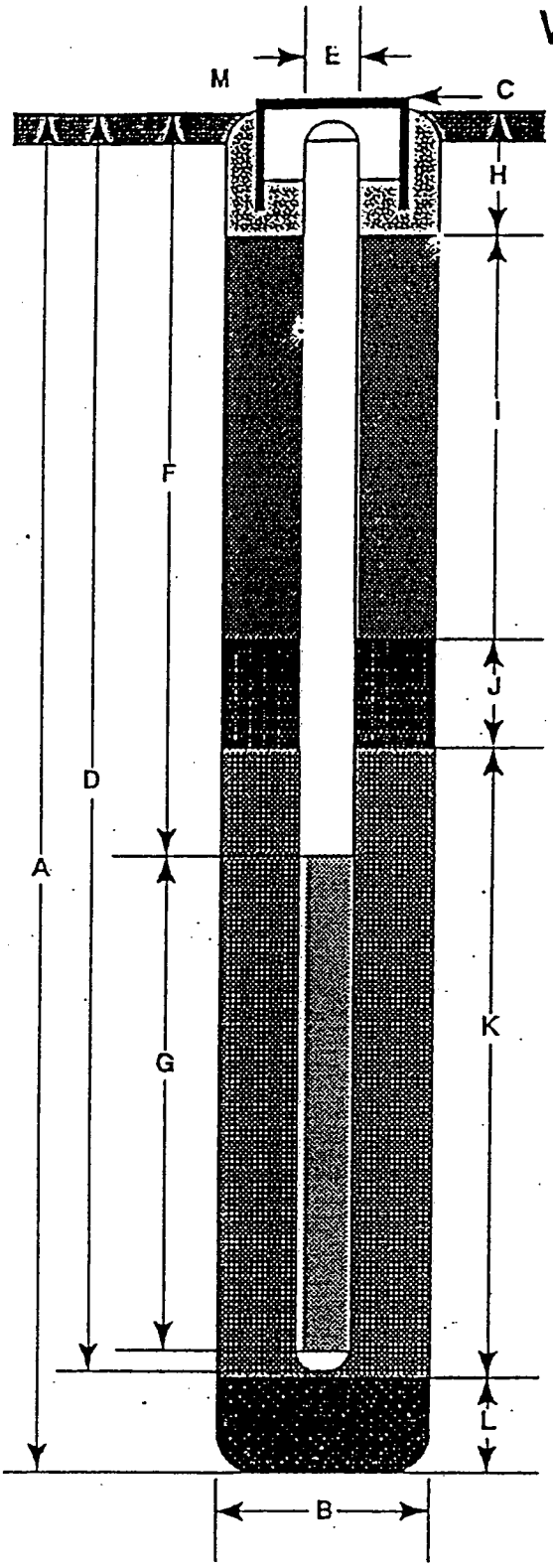
GeoStrategies Inc.

Log of Boring

BORING NO. C-7

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259		11/89		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 25.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow-Stem Auger

C Top of Box Elevation 32.75 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 25 ft.
Material Schedule 40 PVC

E Casing Diameter 2 in.

F Depth to Top Perforations 8 ft.

G Perforated Length 17 ft.
Perforated Interval from 8 to 25 ft.
Perforation Type Machine Slot
Perforation Size 0.020 in.

H Surface Seal from 0 to 1.5 ft.
Seal Material Concrete Grout

I Backfill from 1.5 to 6 ft.
Backfill Material Cement Grout

J Seal from 6 to 7 ft.
Seal Material Bentonite Pellets

K Gravel Pack from 7 to 25 ft.
Pack Material Lonestar 2/12 Sand

L Bottom Seal 0.5 ft.
Seal Material Native Soil

M Christy box with locking well cap and lock.

Note: Depths measured from initial ground surface.

GSI GeoStrategies Inc.

Well Construction Detail

WELL NO. C-7

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259		11/89		

Field location of boring: (See Plate 2)	Project No.: 7259	Date: 11/27/89	Boring No: C-8
	Client: Chevron Service Station #0504		
	Location: 15900 Hesperian Boulevard		
	City: San Lorenzo, California		Sheet 1 of 2
	Logged by: R.S.Y.	Driller: Bayland	
	Casing installation data:		
Drilling method: Hollow-Stem Auger			
Hole diameter: 8-Inches	Top of Box Elevation: 33.82		Datum: MSL

	Water Level			
	Time			
	Date			

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				PAVEMENT SECTION - 3.0 feet
				2				
				3				
				4				
25.5	100	S&H		5				SILT (ML) - olive (5Y 4/3), medium stiff, moist; trace fine sand; low plasticity; no chemical odor.
	100	push	C-8					
	100		5.5					
				6				
				7				
				8				
				9				
6.2	150	S&H		10				COLOR CHANGE to very dark gray (7.5YR 3/0); at 9.0 feet; weak chemical odor.
	250	push	C-8					
	250		10.5					
				11				
				12				
				13		▽		
				14				SILTY CLAY (CL) - dark gray (5Y 4/1), stiff, moist, low plasticity; caliche stringers; strong chemical odor.
195	3	S&H		15				
	5		C-8					
	7		15.5					
				16				
				17				
				18				
				19				

Remarks:

GeoStrategies Inc.

Log of Boring

BORING NO. C-8

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259		11/89		

Field location of boring:	Project No.: 7259	Date: 11/27/89	Boring No:
(See Plate 2)	Client: Chevron Service Station #0504		C-8
	Location: 15900 Hesperian Boulevard		
	City: San Lorenzo, California		Sheet 2 of 2
	Logged by: R.S.Y.	Driller: Bayland	
Drilling method: Hollow-Stem Auger	Casing installation data:		
Hole diameter: 8-Inches	Top of Box Elevation:	Datum:	

	Water Level			
	Time			
	Date			

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
6	3	S&H						
	6		C-8	20				COLOR CHANGE to olive (5Y 4/3); at 19.0 feet; no chemical odor.
	8		21.5					
				21				
				22				
				23				
				24				COLOR CHANGE to yellow brown (10YR 5/6); at 24.0 feet; 25% very fine sand; no chemical odor.
	7	S&H						
	10		C-8	25				
	13		25.5					
				26				
				27				Bottom of sample at 25.5 feet. Bottom of boring at 25.5. feet.
				28				
				29				
				30				
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				

Remarks:

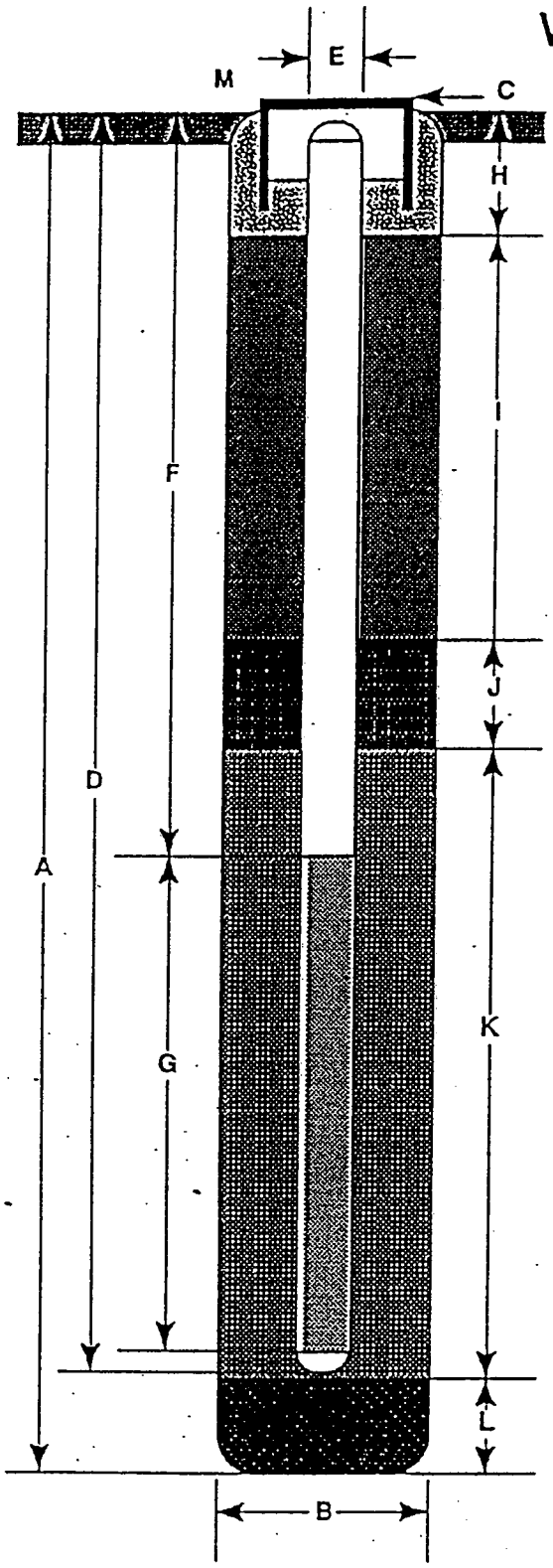
GeoStrategies Inc.

Log of Boring

BORING NO. C-8

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259		11/89		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 25.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow-Stem Auger

C Top of Box Elevation 33.82 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 25 ft.
Material Schedule 40 PVC

E Casing Diameter 2 in.

F Depth to Top Perforations 5 ft.

G Perforated Length 20 ft.
Perforated Interval from 5 to 20 ft.
Perforation Type Machine Slot
Perforation Size 0.020 in.

H Surface Seal from 0 to 1.5 ft.
Seal Material Concrete Grout

I Backfill from 1.5 to 3 ft.
Backfill Material Cement Grout

J Seal from 3 to 4 ft.
Seal Material Bentonite Pellets

K Gravel Pack from 4 to 25 ft.
Pack Material Lonestar 2/12 Sand

L Bottom Seal 0.5 ft.
Seal Material Native Soil

M Christy box with locking well cap and lock.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO.
C-8

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259		11/89		

Field location of boring:

(See Plate 2)

Project No.: 7259	Date: 08/28/90	Boring No: C-9	
Client: Chevron Service Station #0504			
Location: 15900 Heperian			
City: San Lorenzo, California		Sheet 1 of 2	
Logged by: R.S.Y.	Driller: Bayland		

Drilling method: Hollow Stem Auger

Hole diameter: 8-inches

Casing installation data:

Top of Box Elevation: 33.43' Datum: MSL

Water Level	15	15.5		
Time	10:35	11:20		
Date	08/28/90	08/28/90		

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				
				1				PAVEMENT SECTION - 2.5 feet thick
				2				
				3				SAND (SP) - dark grayish brown (10YR 3/2), medium dense, damp, 70% very fine sand; 10% silt and sand
				4				
	175	S&H						
	175	push	C-9-	5				no chemical odor
0	175		5.5					
				6				increase silt at 5.5 feet
				7				
				8				
				9				CLAY (CL) - black (7.5YR 2/0), stiff, moist, trace fine sand, medium plasticity, trace organics; no chemical odor
	200	S&H						
	200	push	C-9-	10				
0	200		10.5					
				11				
				12				gravel at 12 feet
				13				CLAYEY GRAVEL with SAND (GC) - dark yellowish brown (10YR 4/4), loose, saturated, 60% well rounded gravel; 35% medium coarse sand; 15% clay; no chemical odor
				14				
	3	S&H						
	2		C-9-	15		▽		
0	2		15.5			▼		
				16				
				17				SILT (ML) - yellowish brown (10YR 5/4), soft, saturated, rootholes, black organics fragments, trace sand; no chemical odor
				18				
				19				

Remarks:

GeoStrategies Inc.

Log of Boring

BORING NO. C-9

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259	CEG 12/91	8/90		

Field location of boring:

(See Plate 2)

Project No.: 7259	Date: 08/28/90	Boring No: C-9	
Client: Chevron Service Station #0504			
Location: 15900 Hesperian			
City: San Lorenzo, California		Sheet 2 of 2	
Logged by: R.S.Y.	Driller: Bayland		

Drilling method: Hollow Stem Auger

Hole diameter: 8-inches

Casing installation data:

Top of Box Elevation: Datum:

Water Level				
Time				
Date				

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
	4	S&H		20				
	7		C-9-					CLAYEY SILT (ML) - olive (5Y 5/4), very stiff, moist, 40%
0	10		20.5					clay; 60% silt; black organic nodules; no chemical odor
				21				
				22				
				23				
				24				
	6	S&H		25				
	8		C-9-					
0	8		25.5					Bottom of Borehole at 25.5 feet
				26				Bottom of Sample at 25.5 feet
				27				08/28/90
				28				
				29				
				30				
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				

Remarks:

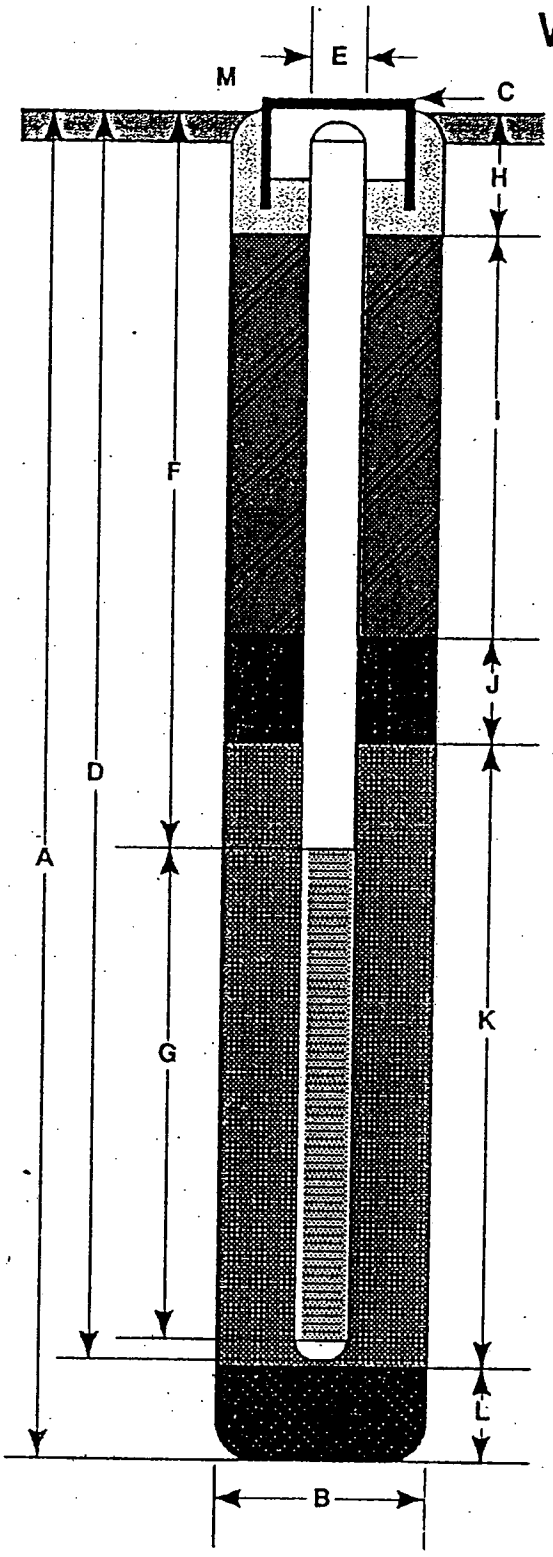
GeoStrategies Inc.

Log of Boring

BORING NO. C-9

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259	[illegible]	8/90		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 25.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 25 ft.
Material Schedule 40 PVC

E Casing Diameter 2 in.

F Depth to Top Perforations 12 ft.

G Perforated Length 13 ft.
Perforated Interval from 12 to 25 ft.
Perforation Type Factory Slot
Perforation Size 0.020 in.

H Surface Seal from 0 to 1.5 ft.
Seal Material Concrete

I Backfill from 1.5 to 8 ft.
Backfill Material Cement Grout

J Seal from 8 to 10 ft.
Seal Material Bentonite Pellets

K Gravel Pack from 10 to 25 ft.
Pack Material Lonestar #2/12 Sand

L Bottom Seal 0.5 ft.
Seal Material Native Material

M Traffic-rated box with locking well cap.

Note: Depths measured from initial ground surface.

GSI GeoStrategies Inc.

Well Construction Detail

WELL NO. C-9

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259	DMP CEG 12-92	08/90		

Field location of boring: (See Plate 2)	Project No.: 7259	Date: 10/28/90	Boring No: C-10
	Client: Chevron Service Station #0504		
	Location: 15900 Hesperian		
	City: San Lorenzo, California		Sheet 1 of 2
	Logged by: R.S.Y.	Driller: Bayland	
Drilling method: Hollow Stem Auger	Casing installation data:		
Hole diameter: 8-inches	Top of Box Elevation: 31.63'	Datum: MSL	

	Water Level	Time	Date
	15'	14:30	08/28/90

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				
				1				PAVEMENT SECTION-9 inches thick
				2				SILT (ML) - dark olive gray (5Y 3/2), medium stiff, moist, trace organics; no chemical odor
				3				
				4				
	150	S&H		5				COLOR CHANGE at 4.0' to dark gray (7.5 YR 4/0), voids, caliche stringers, low plasticity; no chemical odor
	150	push	C-10-					
	150		5.5	6				
				7				
				8				
				9				CLAY (CL) - black (7.5 YR 2/0), stiff, moist, medium plasticity, roots, trace fine sand, voids; no chemical odor
	225	S&H		10				
	225	push	C-10-					
0	250		10.5	11				
				12				
				13				
				14		▽		
	2	S&H		15				CLAYEY SILT (ML) - dark brown (10YR 3/3), stiff, saturated, 20-25% clay; 75% silt; roots, voids, water occurring in voids, low plasticity; no chemical odor
	4		C-10-					
0	5		15.5	16				
				17				
				18				
				19				

Remarks:

GeoStrategies Inc.

Log of Boring

BORING NO. C-10

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259	RG/CEG 12/92	10/90		

Field location of boring:

(See Plate 2)

Project No.: 7259	Date: 08/28/90	Boring No: C-10	
Client: Chevron Service Station #0504			
Location: 15900 Hesperian			
City: San Lorenzo, California		Sheet 2 of 2	
Logged by: R. Y.	Driller: Bayland		

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter:

Top of Box Elevation: 31.63' Datum: MSL

Water Level								
Time								
Date								

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
	4	S&H		20				shell fragments, medium plasticity
	5		C-10-					no chemical odor
0	5		20.5					
				21				
				22				
				23				CLAYEY SILT (ML) - dark grayish brown (10YR 4/2), stiff, moist, 35% clay, low plasticity, iron staining, organic fragments; no chemical odor
				24				
	4	S&H		25				
	6		C-10-					
0	8		25.5					
				26				
				27				Bottom of Sample at 25.5 feet
								Bottom of Borehole at 25.5 feet
								08/28/90
				28				
				29				
				30				
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				

Remarks:

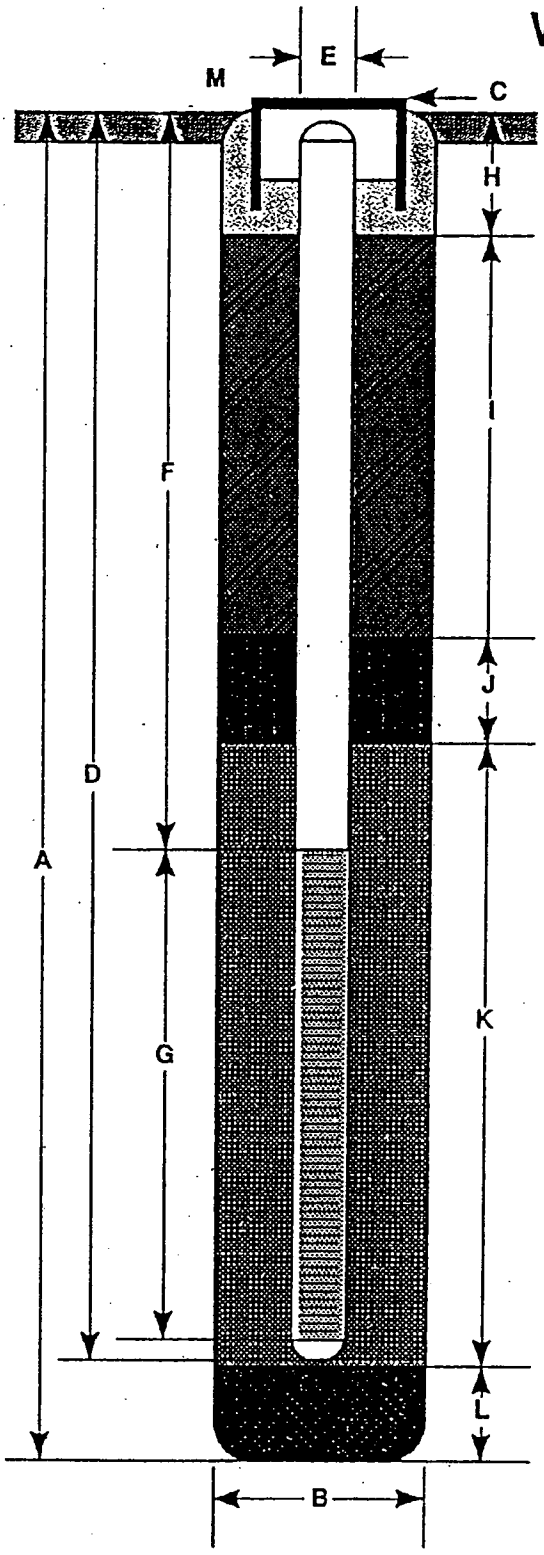
GeoStrategies Inc.

Log of Boring

BORING NO. C-10

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259	RG CEG 12/92	8/90		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 25.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 25 ft.
Material Schedule 40 PVC

E Casing Diameter 2 in.

F Depth to Top Perforations 12 ft.

G Perforated Length 13 ft.
Perforated Interval from 12 to 25 ft.
Perforation Type Factory Slot
Perforation Size 0.020 in.

H Surface Seal from 0 to 1.5 ft.
Seal Material Concrete

I Backfill from 1.5 to 8 ft.
Backfill Material Cement Grout

J Seal from 8 to 10 ft.
Seal Material Bentonite Pellets

K Gravel Pack from 10 to 25 ft.
Pack Material Lonestar #2/12 Sand

L Bottom Seal 0.5 ft.
Seal Material Native Material

M Traffic-rated box with locking well cap.

Note: Depths measured from initial ground surface.

GSI GeoStrategies Inc.

Well Construction Detail

WELL NO. C-10

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259	CEG 12/62	08/90		

Field location of boring: (See Plate 2)	Project No.: 7259	Date: 08/28/90	Boring No: C-11
	Client: Chevron Service Station #0504		
	Location: 15900 Hesperian		
	City: San Lorenzo, California		Sheet 1 of 2
	Logged by: R.S.Y.	Driller: Bayland	
Drilling method: Hollow Stem Auger	Casing installation data:		
Hole diameter: 8-inches	Top of Box Elevation: 31.58'		Datum: MSL

Water Level	15.5			
Time	12:00			
Date	08/28/90			

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				
				1				
				2				PAVEMENT SECTION-2.5 feet thick
				3				
				4				
	150	S&H						
	150	push	C-11-	5				SILT (ML) - very dark gray (10YR 2/1), medium stiff,
0	150		5.5					moist, trace fine sand, low plasticity, organic fragments;
				6				no chemical odor
				7				
				8				
				9				
	200	S&H						
	200	push	C-11-	10				CLAY (CL) - black (7.5 YR 2/0) stiff, moist, 10% fine sand,
0	200		10.5					medium to high plasticity; no chemical odor
				11				
				12				
				13				
				14				
	5	S&H						CLAYEY SILT (ML) - olive gray (5Y 4/2), very stiff,
0	6		C-11-	15				saturated, low plasticity, trace caliche stringers; no
	10		15.5			▽		chemical odor
				16				
				17				
				18				
				19				

Remarks:

GeoStrategies Inc.

Log of Boring

BORING NO. C-11

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259	[illegible]	8/90		

Field location of boring: (See Plate 2)	Project No.: 7259	Date: 08/28/90	Boring No: C-11
	Client: Chevron Service Station #0504		
	Location: 15900 Hesperian		
	City: San Lorenzo, California		Sheet 2 of 2
	Logged by: R.S.Y.	Driller: Bayland	
Drilling method: Hollow Stem Auger	Casing installation data:		
Hole diameter: 8-inches	Top of Box Elevation: 31.58'		Datum: MSL

	Water Level			
	Time			
	Date			

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
	3	S&H						
	5		C-11-	20				COLOR CHANGE to olive (5Y 5/3), voids, water
0	10		20.5					occurring in voids, no sample recovery; no chemical odor
				21				
				22				
				23				
				24				
	6	S&H						COLOR CHANGE to yellowish brown (10YR 5/4); no
	8		C-11-	25				chemical odor
0	9		25.5					
				26				
								Bottom of Borehole at 25.5 feet
				27				Bottom of Sample at 25.5 feet
								08/28/90
				28				
				29				
				30				
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				

Remarks:

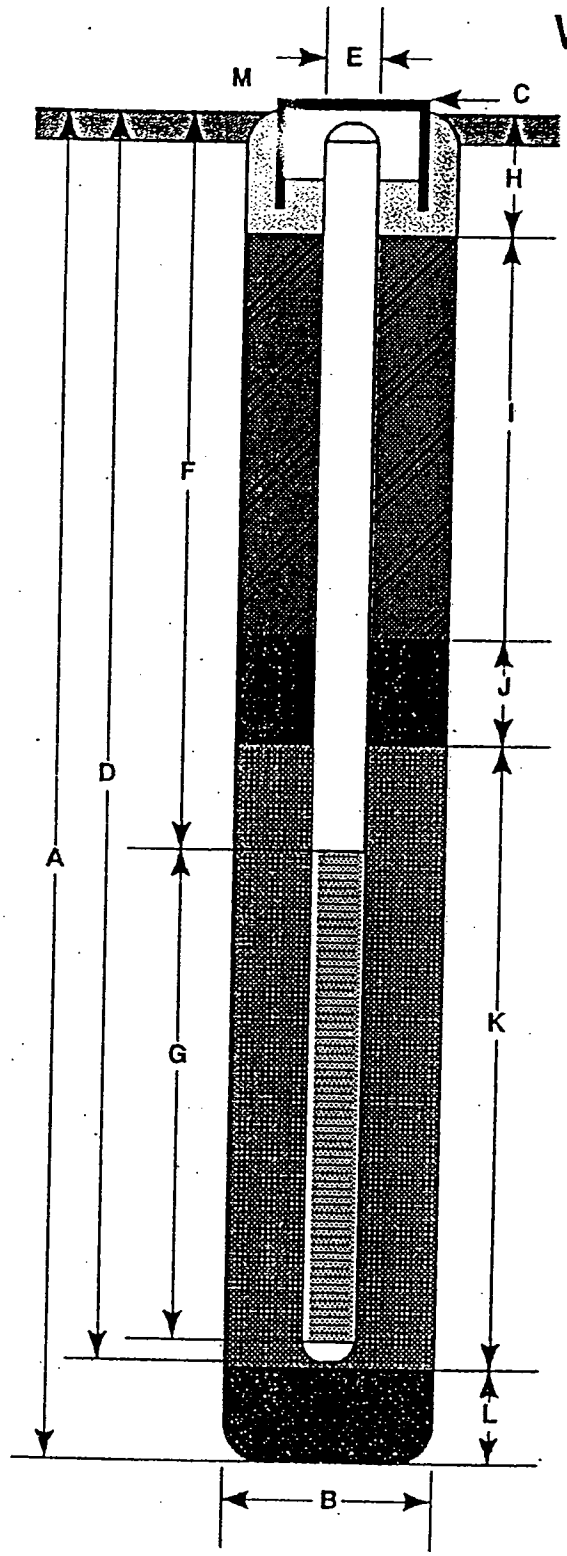
GeoStrategies Inc.

Log of Boring

BORING NO. C-11

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7258	[illegible]	8/90		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 25.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation _____ ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 25 ft.
Material Schedule 40 PVC

E Casing Diameter 2 in.

F Depth to Top Perforations 12 ft.

G Perforated Length 13 ft.
Perforated Interval from 12 to 25 ft.
Perforation Type Factory Slot
Perforation Size 0.020 in.

H Surface Seal from 0 to 1.5 ft.
Seal Material Concrete

I Backfill from 1.5 to 8 ft.
Backfill Material Cement Grout

J Seal from 8 to 10 ft.
Seal Material Bentonite Pellets

K Gravel Pack from 10 to 25 ft.
Pack Material Lonestar #2/12 Sand

L Bottom Seal 0.5 ft.
Seal Material Native Material

M Traffic-rated box with locking well cap.

Note: Depths measured from initial ground surface.

GSI GeoStrategies Inc.

Well Construction Detail

WELL NO.
C-11

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7259	CMP RG/CEG	08/90		

CONESTOGA-ROVERS
& ASSOCIATES

ATTACHMENT B

Historical Groundwater Elevation and Analytical Results

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-1											
06/06/89	--	--	--	--	5,100	250	170	200	990	--	--
12/08/89	--	--	13.14	0.01	--	--	--	--	--	--	--
09/07/90	33.93	19.91	14.04	0.03	--	--	--	--	--	--	--
12/20/90	33.93	20.07	13.87	0.01	--	--	--	--	--	--	--
03/15/91	33.93	22.53	11.40	--	37,000	220	53	53	1,900	--	--
06/28/91	33.93	21.68	12.25	--	3,300	110	6.2	6.2	350	--	--
09/26/91	33.93	19.91	14.02	--	3,200	220	6.9	6.9	710	--	--
01/27/92	33.93	21.30	12.63	--	330	20	0.6	0.6	48	--	--
04/20/92	33.93	23.50	10.43	--	2,700	130	3.4	3.4	690	--	--
07/17/92	33.93	21.32	12.61	--	490	17	<0.5	<0.5	52	--	--
01/20/93	33.93	24.51	9.42	--	--	--	--	--	--	--	--
07/28/93	33.93	23.45	10.48	--	--	--	--	--	--	--	--
10/27/93	32.80	21.48	11.32	--	240	3.6	<0.5	11	23	--	--
03/31/94	32.80	23.35	9.45	--	530	23	1.2	10	120	--	--
06/08/94	32.80	22.87	9.93	--	990	15	1.5	42	89	--	--
09/29/94	32.80	INACCESSIBLE		--	--	--	--	--	--	--	--
11/09/94	32.80	INACCESSIBLE		--	--	--	--	--	--	--	--
12/14/94	32.80	INACCESSIBLE		--	--	--	--	--	--	--	--
03/30/95	32.80	24.79	8.01	--	3,900	21	7.2	190	250	--	--
06/30/95	32.80	22.98	9.82	--	1,400	3.1	0.8	54	95	--	--
09/22/95	32.80	22.20	10.60	--	620[7]	0.7	<0.5	3.3	3.5	--	--
12/11/95	32.80	22.50	10.30	--	210	2.4	<0.5	43	85	79	--
03/08/96	32.80	25.15	7.65	--	750	2.1	<0.5	22	34	330	--
06/21/96	32.80	23.52	9.28	--	2,800	9.0	<0.5	94	83	1,300	--
09/27/96	32.80	22.52	10.28	--	770	0.5	<0.5	5.1	6.1	580	--
01/03/97	32.80	24.95	7.85	--	1,800	2.8	<0.5	51	41	110	--
03/28/97	32.80	23.43	9.37	--	720	0.6	<0.5	4.7	3.7	200	--
09/30/97	32.80	MONITORED ANNUALLY			--	--	--	--	--	--	--
03/28/98	32.80	25.08	7.72	--	940[8]	3.9	<0.5	17	4.7	290	--
03/19/99	32.80	24.29	8.51	--	320	<0.5	<0.5	8.5	2.5	350	--
03/21/00	32.80	24.72	8.08	--	432	<0.5	2.04	5.33	0.658	154	--
08/28/00	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/02/01	32.80	24.09	8.71	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	32.8	--
09/04/01	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-1 (cont)											
03/21/02	32.80	24.18	8.62	0.00	<50	<0.50	<0.50	<0.50	<1.5	20	--
09/04/02	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/31/03	32.80	23.93	8.87	0.00	<50	<0.5	<0.5	<0.5	<1.5	40	--
09/17/03	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/05/04[12]	32.80	24.46	8.34	0.00	<50	<0.5	<0.5	<0.5	<0.5	15	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/02/05[12]	32.80	24.76	8.04	0.00	<50	<0.5	<0.5	<0.5	0.5	1	--
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/24/06[12]	32.80	25.04	7.76	0.00	<50	<0.5	<0.5	<0.5	<0.5	4	--
03/05/07[12]	**32.80**	**24.00**	**8.80**	**0.00**	**160**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**14**	--
C-2											
06/06/89	--	--	--	--	130,000	14,000	28,000	3,400	24,000	--	--
12/08/89	--	--	13.44	0.15	--	--	--	--	--	--	--
09/07/90	34.21	20.01	14.28	0.10	--	--	--	--	--	--	--
12/20/90	34.21	20.16	14.06	0.01	--	--	--	--	--	--	--
03/15/91	34.21	22.63	11.59	0.01	1,200,000	4,700	16,000	13,000	140,000	--	--
06/28/91	34.21	21.66	12.55	--	150,000	3,500	4,200	2,100	16,000	--	--
09/26/91	34.21	20.01	14.20	--	4,900	220	290	130	880	--	--
01/27/92	34.21	21.75	12.46	--	8,200	510	590	230	1,300	--	--
04/20/92	34.21	23.97	10.24	--	19,000	1,700	1,700	930	4,700	--	--
07/17/92	34.21	21.40	12.81	--	20,000	950	950	1,300	4,700	--	--
01/20/93	34.21	25.42	8.79	--	--	--	--	--	--	--	--
10/27/93	33.46	21.10	12.36	--	1,600	63	5.8	5.9	190	--	--
03/31/94	33.46	23.84	9.62	--	12,000	300	96	510	2,700	--	--
06/08/94	33.46	23.48	9.98	--	8,700	140	35	250	1,500	--	--
09/28/94	33.46	INACCESSIBLE		--	--	--	--	--	--	--	--
11/09/94	33.46	INACCESSIBLE		--	--	--	--	--	--	--	--
12/14/94	33.46	INACCESSIBLE		--	--	--	--	--	--	--	--
03/30/95	33.46	25.77	7.69	--	1,400	17	5.4	52	240	--	--
06/30/95	33.46	23.56	9.90	--	730	22	2.6	50	240	--	--
09/22/95	33.46	22.85	10.61	--	2,100[7]	66	7.3	140	550	--	--
12/11/95	33.46	23.08	10.38	--	3,700	23	<0.5	68	300	1,000	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-2 (cont)												
03/08/96		33.46	25.76	7.70	--	2,200	19	<5.0	63	290	1,300	--
06/21/96		33.46	24.09	9.37	--	2,200	23	1.1	70	260	2,300	--
09/27/96		33.46	22.88	10.58	--	5,500	12	0.6	30	110	2,200	--
01/03/97		33.46	25.56	7.90	--	750	4.2	<0.5	29	120	51	--
03/28/97		33.46	24.11	9.35	--	1,300	12	1.5	24	86	310	--
09/30/97		33.46	MONITORED ANNUALLY			--	--	--	--	--	--	--
03/28/98		33.46	25.46	8.00	--	1,100[8]	14	<5.0	34	79	710	--
03/19/99		33.46	25.01	8.45	--	1,400	15	<0.5	56	130	460	--
03/21/00		33.46	25.37	8.09	--	5,420	9.69	<0.5	76.5	125	168	--
08/28/00		33.46	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/02/01		33.46	24.68	8.78	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01		33.46	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/21/02		33.46	24.75	8.71	0.00	<50	<0.50	<0.50	<0.50	<1.5	4.5	--
09/04/02		33.46	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/31/03		33.46	24.53	8.93	0.00	<50	<0.5	1.0	<2.0	2.6	<2.5	--
09/17/03		32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/05/04[12]		32.80	24.41	8.39	0.00	940	1	<0.5	21	10	45	--
09/03/04		32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/02/05[12]		32.80	24.67	8.13	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05		32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/24/06[12]		32.80	24.99	7.81	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/07[12]		**32.80**	**23.89**	**8.91**	**0.00**	**1,000**	**1**	**<0.5**	**8**	**1**	**<0.5**	--
C-3												
06/06/89		--	--	--	--	2,600	63	20	390	370	--	--
12/08/89		--	--	--	--	680	6.0	1.0	31	58	--	--
09/07/90		35.46	20.15	15.31	--	490	6.0	<0.5	41	120	--	--
09/07/90	(D)	35.46	--	--	--	460	6.0	<0.5	40	110	--	--
12/20/90		35.46	20.29	15.17	--	100	5.0	<0.5	27	130	--	--
03/06/91		35.46	22.19	13.27	--	1,300	7.0	<0.5	75	250	--	--
03/06/91	(D)	35.46	--	--	--	1,400	8.0	<0.5	76	250	--	--
06/28/91		35.46	21.79	13.67	--	770	6.0	<0.5	81	71	--	--
06/28/91	(D)	35.46	--	--	--	990	5.5	<0.5	86	75	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-3 (cont)											
09/26/91	35.46	20.14	15.32	--	1,400	7.9	<0.5	98	340	--	--
01/27/92	35.46	21.55	13.91	--	150	0.7	<0.5	12	12	--	--
04/20/92	35.46	23.80	11.66	--	1,600	9.3	1.0	190	370	--	--
07/17/92	35.46	21.50	13.96	--	460	18	<0.5	20	52	--	--
10/29/92	35.46	19.95	15.51	--	520	2.4	1.0	30	79	--	--
01/20/93	35.46	24.47	10.99	--	4,200	7.4	<0.5	140	380	--	--
05/03/93	35.46	24.49	10.97	--	1,300	6.8	3.2	71	170	--	--
07/28/93	35.46	23.05	12.41	--	220	1.4	<0.5	17	39	--	--
10/27/93	35.46	21.78	13.37	--	1,800	5.5	0.7	68	290	--	--
03/31/94	35.46	23.90	11.56[1]	--	310	1.2	<0.5	19	54	--	--
06/08/94	35.46	23.39	12.07	--	300	2.7	1.6	19	48	--	--
09/29/94[2]	35.46	21.62	13.84	--	2,500	<25	<25	<25	220	--	--
11/09/94[5]	35.46	--	--	--	170	<0.5	0.8	3.3	16	--	--
12/14/94	35.46	23.61	11.85	--	510	3.2	1.4	28	60	--	--
03/30/95	35.46	25.85	9.61	--	66	<0.5	<0.5	1.1	2.4	--	--
06/30/95	35.46	23.96	11.50	--	1,500	1.9	8.1	100	300	--	--
09/22/95	35.46	22.88	12.58	--	600[7]	0.7	<0.5	43	110	--	--
12/11/95	35.46	22.91	12.55	--	670[8]	<0.5	<0.5	7.0	13	15	--
03/08/96	35.46	25.80	9.66	--	3,600	7.5	33	130	400	1,100	--
06/21/96	35.46	23.68	11.78	--	310	<0.5	<0.5	16	49	57	--
09/27/96	35.46	23.09	12.37	--	250	<0.5	<0.5	3.6	9.6	44	--
01/03/97	35.46	25.57	9.89	--	170	<0.5	1.2	4.5	15	15	--
03/28/97	35.46	24.50	10.96	--	60	<0.5	<0.5	1.7	1.8	23	--
09/30/97	35.46	MONITORED ANNUALLY			--	--	--	--	--	--	--
03/28/98	35.46	25.74	9.72	--	<50	0.88	<0.5	<0.5	<0.5	16	--
03/19/99	35.46	25.44	10.02	--	<50	<0.5	<0.5	<0.5	0.65	12	--
03/21/00	35.46	25.36	10.10	--	122	<0.5	<0.5	4.96	11.7	6.13	--
08/28/00	35.46	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/02/01	35.46	24.67	10.79	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	35.46	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/21/02	35.46	24.74	10.72	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02	35.46	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/31/03	35.46	24.31	11.15	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-3 (cont)											
03/05/04[12]	32.80	22.42	10.38	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/02/05[12]	32.80	22.67	10.13	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/24/06[12]	32.80	22.95	9.85	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/07[12]	**32.80**	**21.83**	**10.97**	**0.00**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--
C-7											
12/08/89	--	--	--	--	1,700	32	12	17	150	--	--
09/07/90	32.75	19.73	13.02	--	880	84	23	46	180	--	--
12/20/90	32.75	20.47	12.28	--	560	24	3.0	19	21	--	--
03/06/91	32.75	15.83	16.92	--	240	25	2.0	4.0	26	--	--
06/28/91	32.75	21.44	11.31	--	2,400	130	13	82	220	--	--
09/26/91	32.75	20.47	12.28	--	8,100	47	35	350	1,200	--	--
01/27/92	32.75	21.32	11.43	--	12,000	170	40	420	830	--	--
04/20/92	32.75	23.47	9.28	--	1,200	80	11	90	110	--	--
07/17/92	32.75	21.26	11.49	--	2,400	20	7.4	95	200	--	--
10/29/92	32.75	19.70	13.05	--	69	1.3	<0.5	3.8	7.2	--	--
01/20/93	32.75	24.06	8.69	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	32.75	24.07	8.68	--	2,400	29	8.6	140	210	--	--
07/28/93	32.75	22.76	9.99	--	3,600	38	16	290	920	--	--
10/27/93	32.32	21.60	10.72	--	22,000	23	26	990	2,600	--	--
03/31/94	32.32	23.21	9.11	--	2,300	45	7.0	130	190	--	--
06/08/94	32.32	23.10	9.22	--	6,900	46	11	380	820	--	--
09/29/94	32.32	21.00	11.32	--	11,000	10	11	620	810	--	--
11/09/94[5]	32.32	--	--	--	7,800	33	18	570	1,100	--	--
12/14/94	32.32	23.33	8.99	--	7,700	63	16	140	1,200	--	--
03/30/95	32.32	25.04	7.28	--	4,100	64	18	170	280	--	--
06/30/95	32.32	23.25	9.07	--	1,200	31	3.7	21	18	--	--
09/22/95	32.32	22.27	10.05	--	1,800	64	5.7	30	38	--	--
12/11/95	32.32	23.02	9.30	--	14,000	80	6.1	91	120	70	--
03/08/96	32.32	24.99	7.33	--	2,300	57	8.4	110	180	37	--
06/21/96	32.32	23.47	8.85	--	1,100	37	3.2	21	29	9.0	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-7 (cont)											
09/27/96	32.32	23.21	9.11	--	10,000	150	30	270	670	45	--
01/03/97	32.32	24.83	7.49	--	1,800	35	<0.5	34	72	15	--
03/28/97	32.32	23.75	8.57	--	2,200	38	4.1	31	56	19	--
09/30/97	32.32	MONITORED ANNUALLY			--	--	--	--	--	--	--
03/28/98	32.32	24.98	7.34	--	2,100[8]	28	7.8	70	170	<25	--
03/19/99	32.32	24.61	7.71	--	5,300	63	24	280	370	67[10]	--
03/21/00	32.32	24.57	7.75	--	2,830	19.5	5.14	116	206	11.7	--
08/28/00	32.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/02/01	32.32	24.06	8.26	0.00	7,620[11]	54.7	<25.0	522	945	<250	--
09/04/01	32.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/21/02	32.32	24.10	8.22	0.00	9,300	31	8.4	460	850	<20	--
09/04/02	32.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/31/03	32.32	23.67	8.65	0.00	3,300	17	3.9	92	190	31	--
09/17/03	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/05/04[12]	32.80	24.86	7.94	0.00	2,200	7	1	50	120	<0.5	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/02/05[12]	32.80	25.14	7.66	0.00	2,500	11	2	39	84	<0.5	--
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/24/06[12]	32.80	25.44	7.36	0.00	3,300	12	3	56	100	<0.5	--
03/05/07[12]	**32.80**	**24.46**	**8.34**	**0.00**	**1,600**	**5**	**0.8**	**13**	**30**	**<0.5**	--
C-8											
12/08/89	--	--	--	--	4,800	62	11	95	180	--	--
09/07/90	33.82	19.50	14.32	--	3,700	170	31	180	270	--	--
12/20/90	33.82	19.61	14.20	--	3,900	120	20	130	180	--	--
03/06/91	33.82	19.02	14.80	--	1,200	45	6.0	34	57	--	--
06/28/91	33.82	21.17	12.65	--	6,900	180	46	340	640	--	--
09/26/91	33.82	19.53	14.29	--	1,400	66	9.8	38	40	--	--
01/27/92	33.82	21.22	12.60	--	3,600	100	26	170	260	--	--
04/20/92	33.82	23.46	10.36	--	2,600	110	32	180	260	--	--
07/17/92	33.82	20.94	12.88	--	1,100	34	5.9	35	52	--	--
10/29/92	33.82	19.43	14.39	--	820	29	4.8	23	27	--	--
01/20/93	33.82	23.80	10.02	--	6,000	81	22	200	310	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-8 (cont)											
05/03/93	33.82	24.07	9.75	--	11,000	75	96	880	2,600	--	--
07/28/93	33.82	22.68	11.14	--	2,800	60	13	92	150	--	--
10/27/93	33.25	21.24	12.01	--	2,700	49	17	60	90	--	--
03/31/94	33.25	22.98	10.27	--	190	8.6	1.7	9.1	11	--	--
06/08/94	33.25	22.69	10.56	--	2,800	52	110	78	110	--	--
09/29/94	33.25	20.83	12.42	--	3,700	120	20	120	85	--	--
11/09/94[5]	33.25	--	--	--	3,200	82	44	160	110	--	--
12/14/94	33.25	22.74	10.51	--	5,300	140	30	170	310	--	--
03/30/95	33.25	24.81	8.44	--	3,900	86	19	180	210	--	--
06/30/95	33.25	23.11	10.14	--	1,500	75	21	72	72	--	--
09/22/95	33.25	22.05	11.20	--	3,400	94	24	110	110	--	--
12/11/95	33.25	22.26	10.99	--	7,500	100	<0.5	160	120	130	--
03/08/96	33.25	24.79	8.46	--	3,600	93	8.9	110	88	82	--
06/21/96	33.25	23.28	9.97	--	3,200	69	6.8	100	88	19	--
09/27/96	33.25	22.47	10.78	--	7,000	98	12	150	130	53	--
01/03/97	33.25	24.43	8.82	--	5,700	43	9.3	110	95	17	--
03/28/97	33.25	23.60	9.65	--	4,900	52	4.7	70	47	50	--
09/30/97	33.25	MONITORED ANNUALLY			--	--	--	--	--	--	--
03/28/98	33.25	24.78	8.47	--	3,300[8]	33	4.2	110	61	<25	--
03/19/99	33.25	24.34	8.91	--	2,600	34	16	34	19	76[10]	--
03/21/00	33.25	24.43	8.82	--	4,300	8.45	42.3	61.1	20.3	33.8	--
08/28/00	33.25	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/02/01	33.25	23.75	9.50	0.00	2,980[11]	37.4	4.12	22.3	11.3	40.4	--
09/04/01	33.25	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/21/02	33.25	23.86	9.39	0.00	3,500	<20	2.0	15	8.3	<10	--
09/04/02	33.25	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/31/03	33.25	23.45	9.80	0.00	4,700	<20	2.1	22	11	<50	--
09/17/03	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/05/04[12]	32.80	23.70	9.10	0.00	5,500	3	2	58	17	<0.5	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/02/05[12]	32.80	23.94	8.86	0.00	3,300	1	0.8	17	9	<0.5	--
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/24/06[12]	32.80	25.13	7.67	0.00	4,000	0.9	0.7	18	8	<0.5	--
03/05/07[12]	**32.80**	**23.26**	**9.54**	**0.00**	**8,100**	**1**	**1**	**66**	**19**	**<0.5**	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-9											
09/07/90	33.43	19.37	14.06	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	33.43	19.40	14.03	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	33.43	21.31	12.12	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	33.43	21.02	12.41	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	33.43	19.41	14.02	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	33.43	20.90	12.53	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	33.43	23.21	10.22	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	33.43	20.79	12.64	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	33.43	19.23	14.20	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	33.43	23.71	9.72	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	33.43	23.66	9.55	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	33.43	22.45	10.98	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	32.97	20.99	11.98	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	32.97	22.80	10.17	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	32.97	22.44	10.53	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2]	32.97	20.57	12.40	--	<5,000	<50	<50	<50	<50	--	--
11/09/94[5]	32.97	--	--	--	<50	<0.5	<0.5	<0.5	0.7	--	--
12/14/94	32.97	22.48	10.49	--	69	1.1	2.2	3.4	7.8	--	--
03/30/95	32.97	24.77	8.20	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	32.97	23.00	9.97	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	32.97	21.90	11.07	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	32.97	21.89	11.08	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	32.97	24.77	8.20	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	32.97	23.16	9.81	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	32.97	22.06	10.91	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	32.97	24.30	8.67	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	32.97	23.50	9.47	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/30/97	32.97	21.36	11.61	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/98	32.97	24.71	8.26	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	32.97	22.73	10.24	--	<50	5.7	1.4	1.4	1.8	4.9	--
03/19/99	32.97	24.27	8.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	32.97	22.00	10.97	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	32.97	24.38	8.59	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/28/00	32.97	22.02	10.95	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-9 (cont)												
03/02/01		32.97	23.57	9.40	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01		32.97	21.66	11.31	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/21/02		32.97	23.72	9.25	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02		32.97	21.93	11.04	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03		32.97	23.29	9.68	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03[12]		32.97	21.99	10.98	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04[12]		32.97	24.07	8.90	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04[12]		32.97	21.54	11.43	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05[12]		32.97	24.24	8.73	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05[12]		32.97	22.38	10.59	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06		32.97	24.30	8.67	0.00	--	--	--	--	--	--	--
03/05/07		**32.97**	**23.49**	**9.48**	**0.00**	--	--	--	--	--	--	--
C-10												
09/07/90		31.63	19.14	12.49	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90		31.63	19.27	12.36	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91		31.63	21.18	10.45	--	<50	<0.5	0.8	<0.5	0.8	--	--
06/28/91		31.63	20.69	10.74	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91		31.63	19.21	12.42	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92		31.63	20.79	10.84	--	<50	<0.5	1.3	<0.5	<0.5	--	--
01/27/92	(D)	31.63	--	--	--	<50	<0.5	1.3	<0.5	<0.5	--	--
04/20/92		31.63	23.06	8.55	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92		31.63	20.61	11.02	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92		31.63	19.23	12.40	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93		31.63	23.49	8.14	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93		31.63	23.71	7.92	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93		31.63	22.27	9.36	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93		31.16	20.86	10.30	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94		31.16	22.71	8.45	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94		31.16	22.31	8.85	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2]		31.16	20.46	10.70	--	<5,000	<50	<50	<50	<50	--	--
11/09/94[5]		31.16	--	--	--	<50	<0.5	1.4	0.8	1.2	--	--
12/14/94		31.16	22.55	8.61	--	110	3.9	5.4	4.3	11	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-10 (cont)											
03/30/95	31.16	24.51	6.65	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	31.16	22.86	8.30	--	<50	1.5	1.5	<0.5	2.2	--	--
09/22/95	31.16	21.75	9.41	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	31.16	21.89	9.27	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	31.16	24.53	6.63	--	<50	<0.5	<0.5	<0.5	0.5	<5.0	--
06/21/96	31.16	23.04	8.12	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	31.16	21.95	9.21	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	31.16	23.84	7.32	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	31.16	23.34	7.82	--	<50	1.2	1.8	<0.5	0.8	<5.0	--
09/30/97	31.16	21.34	9.82	--	<250[9]	<2.5	<2.5	<2.5	<2.5	<25	--
03/28/98	31.16	24.60	6.56	--	<50	<0.5	0.52	<0.5	<0.5	<2.5	--
09/08/98	31.16	22.65	8.51	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99	31.16	24.00	7.16	--	<50	<0.5	<0.5	<0.5	<0.5	9.2[10]	--
09/21/99	31.16	21.87	9.29	--	<50	<0.5	<0.5	<0.5	<0.5	6.38	--
03/21/00	31.16	24.54	6.62	--	<50	<0.5	<0.5	<0.5	<0.5	10.6	--
08/28/00	31.16	21.86	9.30	0.00	<50	<0.50	<0.50	<0.50	<0.50	7.7	--
03/02/01	31.16	23.41	7.75	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	31.16	21.54	9.62	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/21/02	31.16	23.56	7.60	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02	31.16	21.76	9.40	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	31.16	23.14	8.02	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03[12]	31.16	21.85	9.31	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.8	--
03/05/04[12]	31.16	23.88	7.28	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.5	--
09/03/04[12]	31.16	21.50	9.66	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05[12]	31.16	24.08	7.08	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05[12]	31.16	22.35	8.81	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06	31.16	23.54	7.62	0.00	--	--	--	--	--	--	--
03/05/07	**31.16**	**23.39**	7.77	**0.00**	--	--	--	--	--	--	--
C-11											
09/07/90	31.58	19.36	12.22	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	31.58	19.50	12.08	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	31.58	15.43	16.15	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-11 (cont)											
06/28/91	31.58	21.06	10.52	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	31.58	19.38	12.20	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	31.58	20.85	10.73	--	<50	<0.5	0.8	<0.5	<0.5	--	--
04/20/92	31.58	23.02	8.56	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	31.58	20.80	10.78	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	31.58	19.51	12.07	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	31.58	21.61	7.97	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	31.58	23.63	7.95	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	31.58	22.27	9.31	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	31.23	21.06	10.17	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	31.23	22.80	8.43	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	31.23	22.47	8.76	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	31.23	20.69	10.54	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/09/94	--	--	--	--	<50	<0.5	0.6	<0.5	0.7	--	--
12/14/94	31.23	22.73	8.50	--	51	1.1	1.7	1.6	4.0	--	--
03/30/95	31.23	24.38	6.85	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	31.23	22.89	8.34	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	31.23	21.93	9.30	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	31.23	22.22	9.01	--	<50	<0.5	<0.5	<0.5	1.1	1.1	--
03/08/96	31.23	24.33	6.90	--	<50	<0.5	0.6	<0.5	1.6	<5.0	--
06/21/96	31.23	23.13	8.10	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	31.23	22.16	9.07	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	31.23	24.10	7.13	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	31.23	21.40	9.83	--	120	12	20	2.3	14	<5.0	--
09/30/97	31.23	21.56	9.67	--	<50	0.7	0.8	<0.5	0.6	<5.0	--
03/28/98	31.23	24.40	6.83	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	31.23	22.72	8.51	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99	31.23	24.06	7.17	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	31.23	22.02	9.21	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	31.23	24.13	7.10	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/28/00	31.23	22.04	9.19	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/02/01	31.23	23.34	7.89	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	31.23	21.78	9.45	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/21/02	31.23	23.66	7.57	0.00	<250	<1.0	<1.0	<1.0	<3.0	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-11 (cont)											
09/04/02	31.23	21.98	9.25	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	31.23	23.26	7.97	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03[12]	31.23	22.04	9.19	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04[12]	31.23	23.88	7.35	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04[12]	31.23	21.74	9.49	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05[12]	31.23	24.18	7.05	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05[12]	31.23	22.61	8.62	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06	31.23	24.22	7.01	0.00	--	--	--	--	--	--	--
03/05/07	**31.23**	**23.53**	**7.70**	**0.00**	--	--	--	--	--	--	--
C-4											
06/06/89	--	--	--	--	<50	<0.05	<1.0	<1.0	<3.0	--	--
12/08/89	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	35.78	20.20	15.58	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	35.78	20.36	15.42	--	170	1.0	<0.5	<0.5	4.0	--	--
03/06/91	35.78	22.24	13.54	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	35.78	21.85	13.93	--	<50	<0.5	<0.5	<0.5	<0.8	--	--
09/26/91	35.78	20.14	15.64	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	35.78	--	15.64	--	<50	<0.5	<0.5	<0.5	--	--	--
01/27/92	35.78	21.82	13.96	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	35.78	24.07	11.71	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	35.78	21.59	14.19	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	35.78	20.06	15.72	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	35.78	24.61	11.17	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	35.78	24.84	10.94	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/28/93	35.78	23.38	12.40	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	35.23	21.91	13.32	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	35.23	INACCESSIBLE		--	--	--	--	--	--	--	--
06/08/94	35.23	23.31	11.92	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2,4]	35.23	21.47	13.76	--	<2,500	<25	<25	<25	<25	--	ND[3]
11/09/94[4,5]	35.23	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	ND[3]
12/14/94[6]	35.23	23.44	11.79	--	<50	2.1	3.0	1.9	3.7	--	ND[3]
03/30/95	35.23	26.22	9.01	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-4 (cont)											
06/30/95	35.23	23.79	11.44	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	35.23	22.72	12.51	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	35.23	22.61	12.62	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	35.23	25.60	9.63	--	<50	<0.5	<0.5	<0.5	0.6	<5.0	--
06/21/96	35.23	23.99	11.24	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	35.23	22.92	12.31	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	35.23	25.54	9.69	--	<50	1.5	7.2	1.3	6.2	<5.0	--
03/28/97	35.23	24.23	11.00	--	<50	5.0	8.3	0.8	4.7	<5.0	--
NOT MONITORED/SAMPLED											
C-5											
06/06/89	--	--	--	--	<50	<0.05	<0.05	<1.0	<3.0	--	--
12/08/89	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	35.31	20.21	15.10	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	35.31	20.37	14.94	--	80	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	35.31	22.25	13.06	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	35.31	21.85	13.46	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	35.31	20.17	15.14	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	35.31	22.00	13.31	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	35.31	24.21	11.10	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	35.31	21.58	13.73	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	35.31	20.11	15.20	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	35.31	24.59	10.72	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	35.31	24.88	10.43	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	35.31	23.50	11.81	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	34.61	21.93	12.68	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	34.61	23.61	11.00[1]	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	34.61	23.35	11.26	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2]	34.61	21.51	13.10	--	<2,500	<25	<25	<25	<25	--	--
11/09/94[5]	34.61	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/14/94	34.61	23.24	11.37	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	34.61	25.64	8.97	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	34.61	23.78	10.83	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	34.61	22.72	11.89	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	34.61	22.83	11.78	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	34.61	25.59	9.02	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-5 (cont)											
06/21/96	34.61	23.97	10.64	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	34.61	23.04	11.57	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	34.61	25.59	9.02	--	<50	0.7	3.2	<0.5	2.2	<5.0	--
03/28/97	34.61	24.23	10.38	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
NOT MONITORED/SAMPLED											
C-6											
12/08/89	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	36.89	20.06	16.83	--	57	<0.5	<0.5	0.6	4.0	--	--
12/20/90	36.89	20.23	16.66	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	36.89	22.09	14.80	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	36.89	21.73	15.16	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	36.89	20.07	16.82	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	36.89	21.45	15.44	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	36.89	23.72	13.17	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	36.89	21.45	15.44	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	36.89	19.91	16.98	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	36.89	24.42	12.47	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	36.89	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/28/93	36.89	23.03	13.86	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	36.57	21.72	14.85	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	36.57	23.57	13.00	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	36.57	23.13	13.44	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2]	36.57	21.69	14.88	--	<2,500	<25	<25	<25	<25	--	--
11/09/94[5]	36.57	--	--	--	<50	<0.5	0.5	<0.5	<0.5	--	--
12/14/94	36.57	23.58	12.99	--	<50	0.9	1.5	1.3	2.6	--	--
03/30/95	36.57	25.80	10.77	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	36.57	23.95	12.62	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	36.57	22.92	13.65	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	36.57	22.89	13.68	--	140[8]	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	36.57	25.84	10.73	--	<50	<0.5	0.6	<0.5	<0.5	<5.0	--
06/21/96	36.57	24.16	12.41	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	36.57	23.10	13.47	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-6 (cont)											
01/03/97	36.57	25.57	11.00	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	36.57	24.51	12.06	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
NOT MONITORED/SAMPLED											
TRIP BLANK											
09/07/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
05/03/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/31/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/09/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/14/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/11/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/08/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/30/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/28/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	--	--	--	--							

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
TRIP BLANK (cont)											
03/19/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/28/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/02/01	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
QA											
03/21/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03[12]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04[12]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04[12]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05[12]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05[12]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06[12]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/07[12]	--	--	--	--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to August 28, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
SPHT = Separate Phase Hydrocarbons

TPH-G = Total Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether

HVOCs = Halogenated Volatile Organic Compounds
(ppb) = Parts per billion
(D) = Duplicate
ND = Not Detected
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank

1 Depth to water measured from top of well vault.
2 Detection limit raised due to foaming sample.
3 Other HVOCs were not detected at detection limits of 0.5-1.0 ppb.
4 Chloroform detected at <0.5 ppb.
5 All site monitoring wells were re-sampled due to an excessive number of foaming samples on the 09/29/94 event.
6 Chloroform detected at 1.8 ppb.
7 Laboratory report indicates uncategorized compounds are not included in gas concentration.
8 Chromatogram pattern indicates an unidentified hydrocarbon.
9 Laboratory report indicates sample diluted due to foaming.
10 MTBE value was reported from a re-analyzation on 04/01/99.
11 Laboratory report indicates weathered gasoline C6-C12.
12 BTEX and MTBE by EPA Method 8260.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
C-1	03/19/99	<2,500	<500	270	<10	<10	<10
	03/05/04	<50	--	15	--	--	--
	09/03/04	SAMPLED ANNUALLY		--	--	--	--
	03/02/05	<50	--	1	--	--	--
	03/24/06	<50	--	4	--	--	--
	03/05/07	**<50**	--	**14**	--	--	--
C-2	03/19/99	<2,500	<500	330	<10	<10	<10
	03/05/04	<50	--	45	--	--	--
	09/03/04	SAMPLED ANNUALLY		--	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	03/24/06	<50	--	<0.5	--	--	--
	03/05/07	**<50**	--	**<0.5**	--	--	--
C-3	03/19/99	<500	<100	8.0	<2.0	<2.0	<2.0
	03/05/04	<50	--	<0.5	--	--	--
	09/03/04	SAMPLED ANNUALLY		--	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	03/24/06	<50	--	<0.5	--	--	--
	03/05/07	**<50**	--	**<0.5**	--	--	--
C-7	03/19/99	<500	<100	<2.0	<2.0	<2.0	<2.0
	03/05/04	<50	--	<0.5	--	--	--
	09/03/04	SAMPLED ANNUALLY		--	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	03/24/06	<50	--	<0.5	--	--	--
	03/05/07	**<50**	--	**<0.5**	--	--	--
C-8	03/19/99	<500	<100	10	<2.0	<2.0	<2.0
	03/05/04	<50	--	<0.5	--	--	--
	09/03/04	SAMPLED ANNUALLY		--	--	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
C-8 (cont)	03/02/05	<50	--	<0.5	--	--	--
	03/24/06	<50	--	<0.5	--	--	--
	03/05/07	**<50**	--	**<0.5**	--	--	--
C-9	09/17/03	<50	--	<0.5	--	--	--
	03/05/04	<50	--	<0.5	--	--	--
	09/03/04	<50	--	<0.5	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	09/02/05	<50	--	<0.5	--	--	--
C-10	03/19/99	<500	<100	6.7	<2.0	<2.0	<2.0
	09/17/03	<50	--	0.8	--	--	--
	03/05/04	<50	--	0.5	--	--	--
	09/03/04	<50	--	<0.5	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	09/02/05	<50	--	<0.5	--	--	--
C-11	09/17/03	<50	--	<0.5	--	--	--
	03/05/04	<50	--	<0.5	--	--	--
	09/03/04	<50	--	<0.5	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	09/02/05	<50	--	<0.5	--	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

EXPLANATIONS:

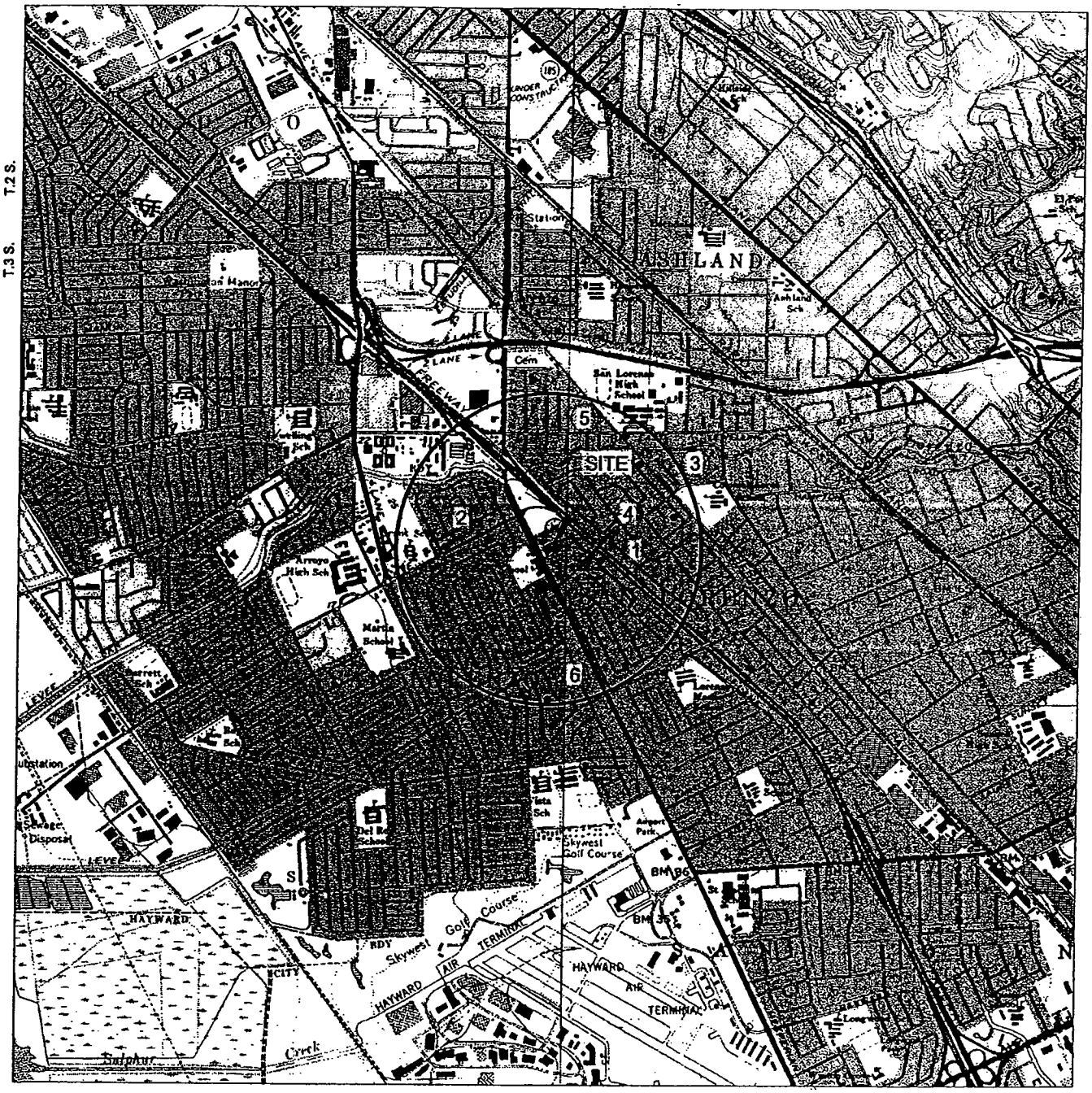
Groundwater laboratory analytical results before September 17, 2003 were compiled from reports prepared by Blaine Tech Services, Inc.

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
(ppb) = Parts per billion
-- = Not Analyzed

CONESTOGA-ROVERS
& ASSOCIATES

ATTACHMENT C

Sensitive Receptor Survey



LEGEND:

(1) WATER WELL LOCATION

GENERAL NOTES:
BASE MAP FROM U.S.G.S.
SAN LEANDRO & HAYWARD, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1980

QUADRANGLE LOCATION

0 2000 FT

SCALE 1:24,000

FIGURE 1

SITE LOCATION AND WELL LOCATION MAP

CHEVRON STATION NO. 9-0504
15900 HESPERIAN BLVD.
SAN LORENZO, CALIFORNIA

PROJECT NO. DG90-504	DRAWN BY M.L. 2/18/02
FILE NO. DG90504A	PREPARED BY M.L.
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc.

TABLE 1

WATER SUPPLY WELL SEARCH

Chevron Facility No. 9-0504
15900 Hesperian Blvd.
San Lorenzo, California

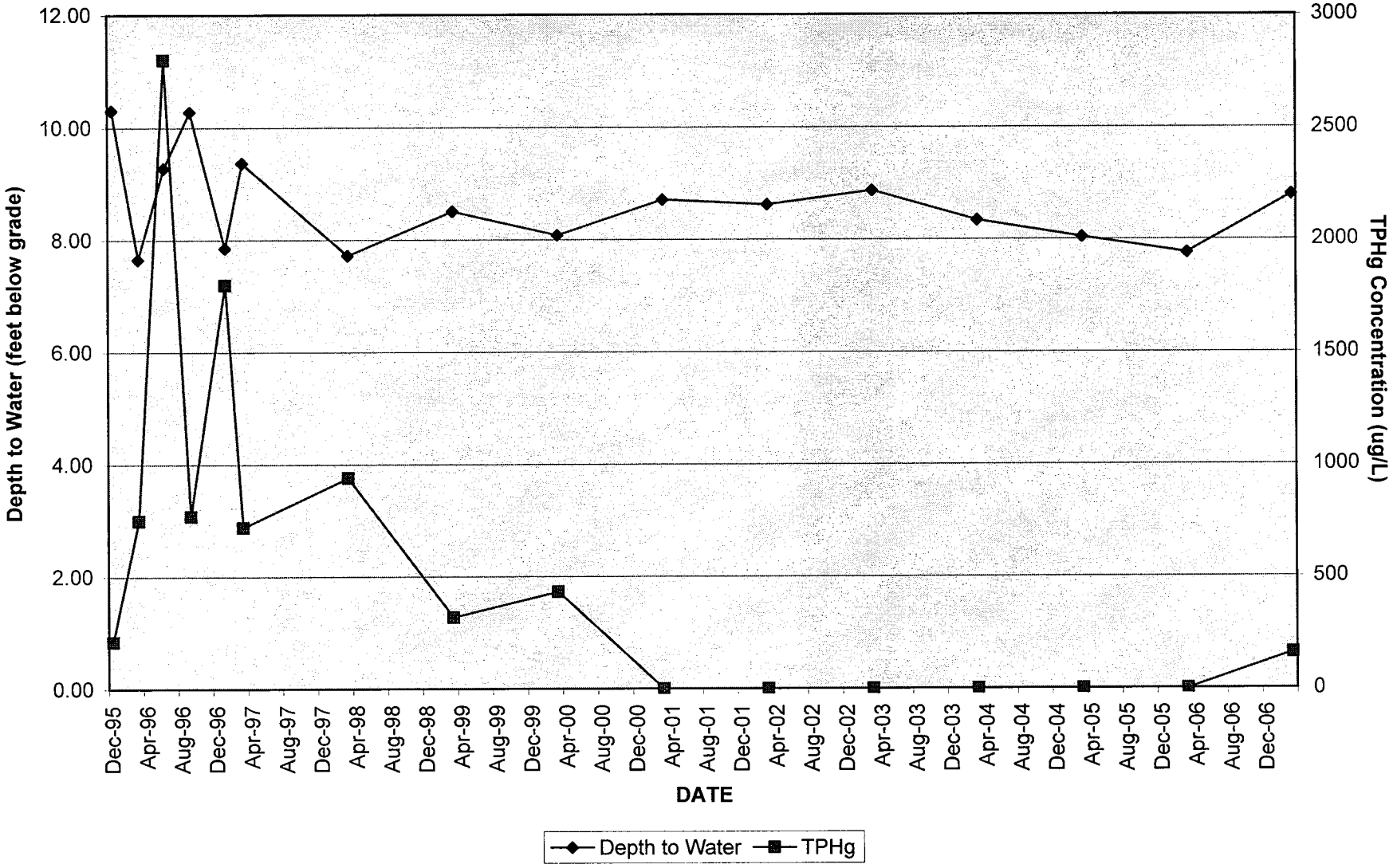
Map Location	Property Owner	Address	Year Drilled	Well Use	State Well ID	Total Depth (ft)
1	Kenneth T. Larson	16138 Via Segundo	unknown	Irrigation	3S2W18B	34
2	Paul R. Frink	754 Grant Avenue	1977	Domestic	3S2W7M3	31
3	Kurt Teschke	15939 Via Cordoba	1977	Irrigation	3S2W7J6	37
4	William D. Santos	16068 Via Cordoba	1977	Domestic	3S2W7J7	31
5	San Lorenzo High School	50 East Lewelling Blvd.	1951	Irrigation	3S2W7G2	600
				Unknown	3S2W7G3	616
6	Horace Robertson	17127 Via Flores	1977	Irrigation	3S2W18C1	25

CONESTOGA-ROVERS
& ASSOCIATES

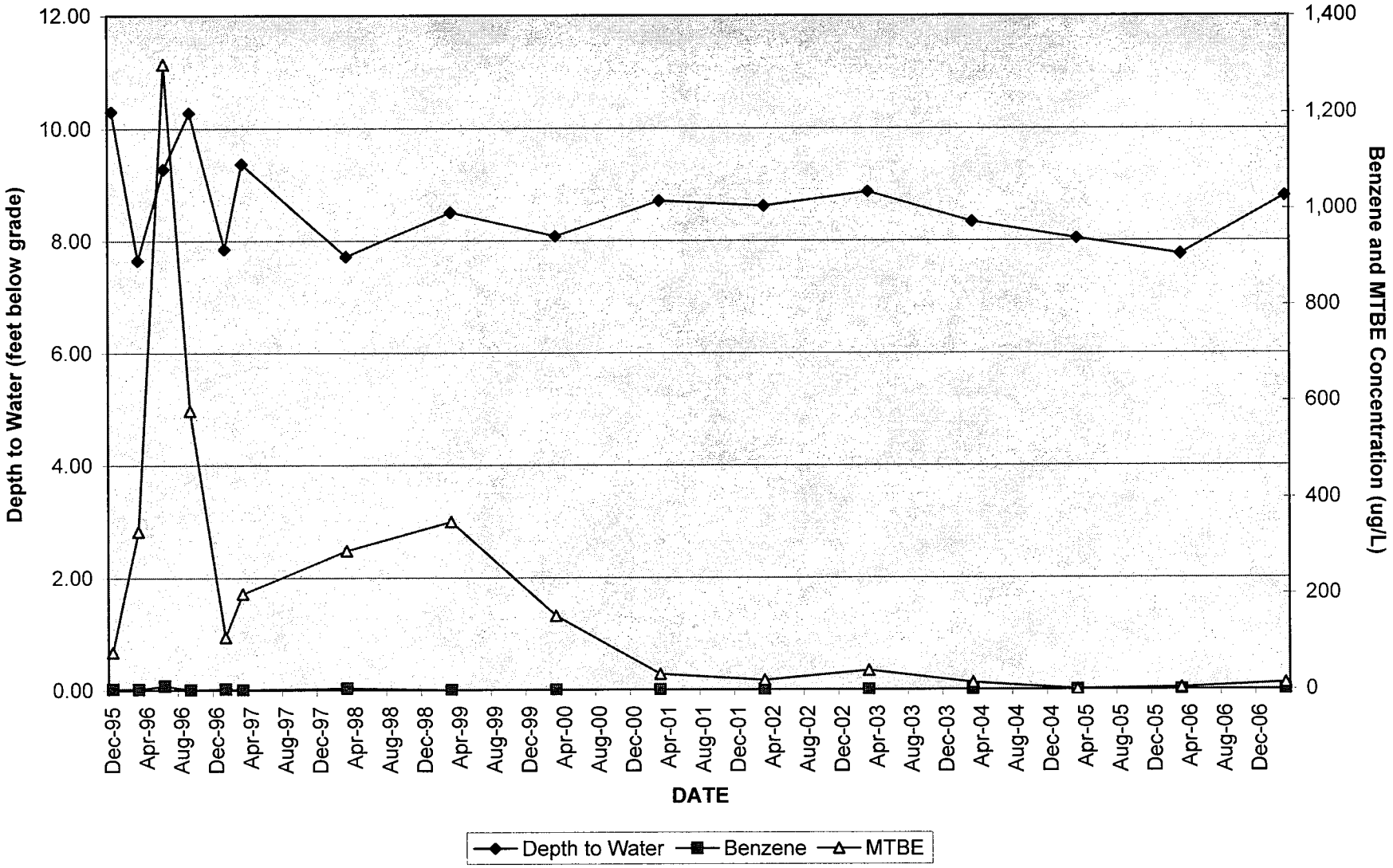
ATTACHMENT D

Groundwater Concentration Graphs

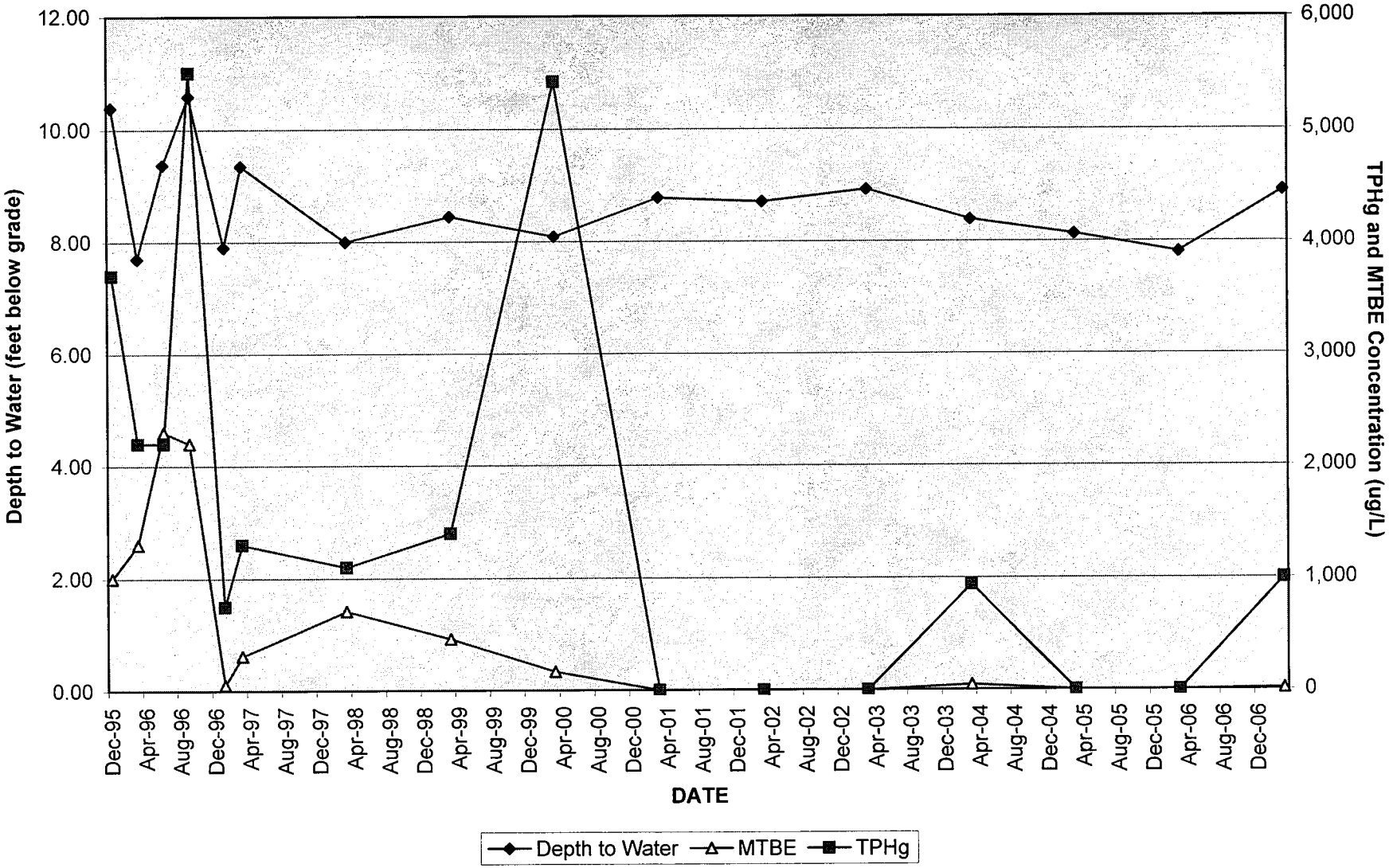
Well C-1 TPHg Concentrations vs. Time



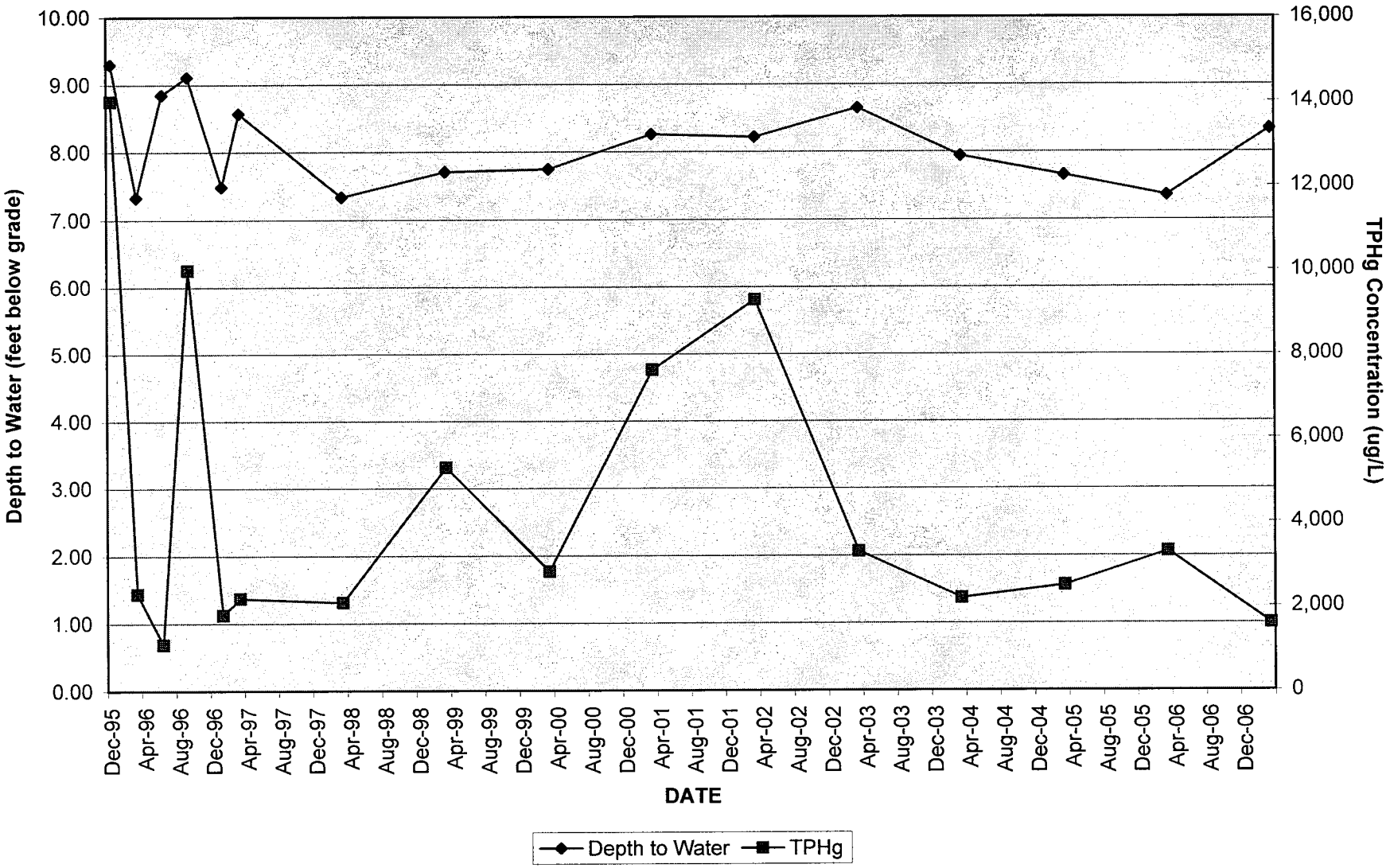
Well C-1 Benzene and MTBE Concentrations vs. Time



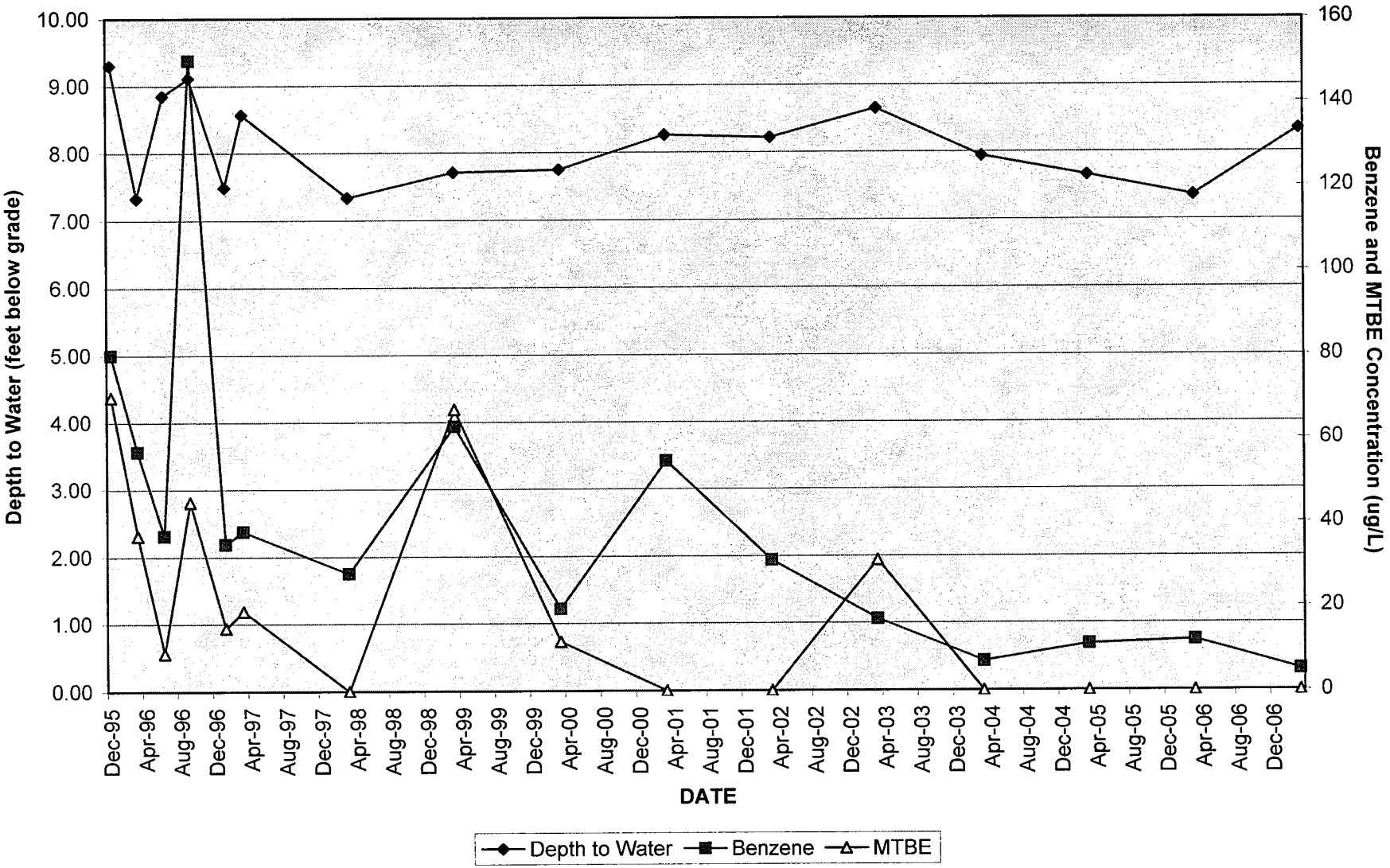
Well C-2 TPHg and MTBE Concentrations vs. Time



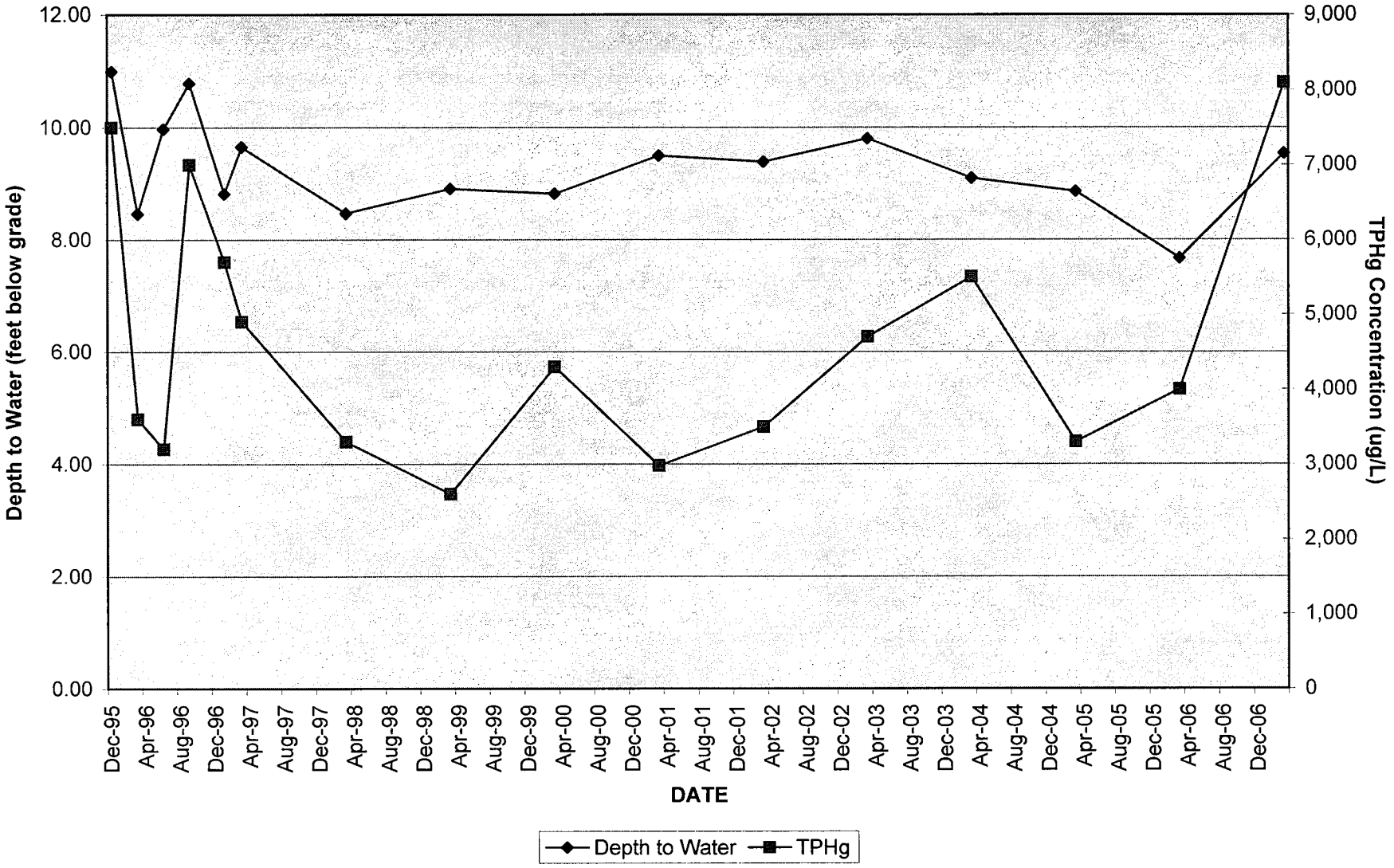
Well C-7 TPHg Concentrations vs. Time



Well C-7 Benzene and MTBE Concentrations vs. Time



Well C-8 TPHg Concentrations vs. Time



Well C-8 Benzene and MTBE Concentrations vs. Time